



Arrow Lake S Intel® Platform for Linux* Kernel 6.11 Kernel Config BKM

Validation Report

WW46, November 2024



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Revision History

Revision	Description	Revision Date
1.0	• Initial Release	September 2023
2.0	• Updated Kernel Version to 6.5.7	February 2024
3.0	• Updated Kernel Version to 6.8.0	June 2024
4.0	• Updated Kernel Version to 6.9.0	July 2024
5.0	• Updated Kernel Version to 6.10.1	August 2024
6.0	• Updated Kernel Version to 6.11	November 2024

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1 Overview

This document provides the BKM for configuring the **Intel® Platform for Linux Kernel 6.11** for the Intel ARL-S platform. The instructions (in this document) are for illustrative purposes. The OSV/OEM can follow alternative practices best suited for their environment.

1.1 References

- Intel Platform for Linux Kernel 6.11 Kernel BKM for ARL-S WW46.pdf

1.2 Security Considerations

This document provides a sample integration BKM for configuring the **Intel® Platform for Linux Kernel 6.11**. These instructions shall be used as reference only, and it's the responsibility of the <integrator> to ensure that all components and their dependencies are using the latest available secure versions of the implementation. These instructions are for reference only, hence it's the responsibility of the <integrator> to take security considerations into account prior building a production capable system."

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2 BKM

Create a plain text ASCII file named .config in the 'src' folder where the kernel source code is present. In this file, add all the necessary kernel configuration entries. Please find below the reference kernel configuration for this release.

2.1 Reference Kernel Config

```
CONFIG_CC_VERSION_TEXT="gcc (Ubuntu 9.4.0-1ubuntu1~20.04.2) 9.4.0"
```

```
CONFIG_CC_IS_GCC=y
```

```
CONFIG_GCC_VERSION=90400
```

```
CONFIG_CLANG_VERSION=0
```

```
CONFIG_AS_IS_GNU=y
```

```
CONFIG_AS_VERSION=23400
```

```
CONFIG_LD_IS_BFD=y
```

```
CONFIG_LD_VERSION=23400
```

```
CONFIG_LLD_VERSION=0
```

```
CONFIG_CC_CAN_LINK=y
```

```
CONFIG_CC_CAN_LINK_STATIC=y
```

```
CONFIG_CC_HAS_ASM_INLINE=y
```

```
CONFIG_CC_HAS_NO_PROFILE_FN_ATTR=y
```

```
CONFIG_PAHOLE_VERSION=121
```

```
CONFIG_IRQ_WORK=y
```

```
CONFIG_BUILDTIME_TABLE_SORT=y
```

```
CONFIG_THREAD_INFO_IN_TASK=y
```

```
#
```

```
# General setup
```

```
#
```

```
CONFIG_INIT_ENV_ARG_LIMIT=32
```

BKM

```
# CONFIG_COMPILE_TEST is not set

# CONFIG_WERROR is not set

CONFIG_LOCALVERSION=""

# CONFIG_LOCALVERSION_AUTO is not set

CONFIG_BUILD_SALT=""

CONFIG_HAVE_KERNEL_GZIP=y
CONFIG_HAVE_KERNEL_BZIP2=y
CONFIG_HAVE_KERNEL_LZMA=y
CONFIG_HAVE_KERNEL_XZ=y
CONFIG_HAVE_KERNEL_LZO=y
CONFIG_HAVE_KERNEL_LZ4=y
CONFIG_HAVE_KERNEL_ZSTD=y

# CONFIG_KERNEL_GZIP is not set
# CONFIG_KERNEL_BZIP2 is not set
# CONFIG_KERNEL_LZMA is not set
# CONFIG_KERNEL_XZ is not set
# CONFIG_KERNEL_LZO is not set
CONFIG_KERNEL_LZ4=y
# CONFIG_KERNEL_ZSTD is not set

CONFIG_DEFAULT_INIT=""
CONFIG_DEFAULT_HOSTNAME="(none)"

CONFIG_SYSVIPC=y
CONFIG_SYSVIPC_SYSCTL=y
CONFIG_SYSVIPC_COMPAT=y
CONFIG_POSIX_MQUEUE=y
CONFIG_POSIX_MQUEUE_SYSCTL=y
CONFIG_WATCH_QUEUE=y
```

```
CONFIG_CROSS_MEMORY_ATTACH=y

CONFIG_USELIB=y

CONFIG_AUDIT=y

CONFIG_HAVE_ARCH_AUDITSYSCALL=y

CONFIG_AUDITSYSCALL=y


#

# IRQ subsystem

#

CONFIG_GENERIC_IRQ_PROBE=y

CONFIG_GENERIC_IRQ_SHOW=y

CONFIG_GENERIC_IRQ_EFFECTIVE_AFF_MASK=y

CONFIG_GENERIC_PENDING_IRQ=y

CONFIG_GENERIC_IRQ_MIGRATION=y

CONFIG_HARDIRQS_SW_RESEND=y

CONFIG_GENERIC_IRQ_CHIP=y

CONFIG_IRQ_DOMAIN=y

CONFIG_IRQ_DOMAIN_HIERARCHY=y

CONFIG_GENERIC_MSI_IRQ=y

CONFIG_IRQ_MSI_IOMMU=y

CONFIG_GENERIC_IRQ_MATRIX_ALLOCATOR=y

CONFIG_GENERIC_IRQ_RESERVATION_MODE=y

CONFIG_IRQ_FORCED_THREADING=y

CONFIG_SPARSE_IRQ=y

# CONFIG_GENERIC_IRQ_DEBUGFS is not set

# end of IRQ subsystem
```


BKM

```

CONFIG_CLOCKSOURCE_WATCHDOG=y
CONFIG_ARCH_CLOCKSOURCE_INIT=y
CONFIG_CLOCKSOURCE_VALIDATE_LAST_CYCLE=y
CONFIG_GENERIC_TIME_VSYSCALL=y
CONFIG_GENERIC_CLOCKEVENTS=y
CONFIG_GENERIC_CLOCKEVENTS_BROADCAST=y
CONFIG_GENERIC_CLOCKEVENTS_BROADCAST_IDLE=y
CONFIG_GENERIC_CLOCKEVENTS_MIN_ADJUST=y
CONFIG_GENERIC_CMOS_UPDATE=y
CONFIG_HAVE_POSIX_CPU_TIMERS_TASK_WORK=y
CONFIG_POSIX_CPU_TIMERS_TASK_WORK=y
CONFIG_CONTEXT_TRACKING=y
CONFIG_CONTEXT_TRACKING_IDLE=y

#
# Timers subsystem
#
CONFIG_TICK_ONESHOT=y
CONFIG_NO_HZ_COMMON=y
# CONFIG_HZ_PERIODIC is not set
CONFIG_NO_HZ_IDLE=y
# CONFIG_NO_HZ_FULL is not set
CONFIG_NO_HZ=y
CONFIG_HIGH_RES_TIMERS=y
CONFIG_CLOCKSOURCE_WATCHDOG_MAX_SKEW_US=100
# end of Timers subsystem

```

```

CONFIG_BPF=y

CONFIG_HAVE_EBPF_JIT=y

CONFIG_ARCH_WANT_DEFAULT_BPF_JIT=y


#

# BPF subsystem

#

CONFIG_BPF_SYSCALL=y

CONFIG_BPF_JIT=y

CONFIG_BPF_JIT_ALWAYS_ON=y

CONFIG_BPF_JIT_DEFAULT_ON=y

CONFIG_BPF_UNPRIV_DEFAULT_OFF=y

# CONFIG_BPF_PRELOAD is not set

CONFIG_BPF_LSM=y

# end of BPF subsystem


CONFIG_PREEMPT_BUILD=y

# CONFIG_PREEMPT_NONE is not set

CONFIG_PREEMPT_VOLUNTARY=y

# CONFIG_PREEMPT is not set

CONFIG_PREEMPT_COUNT=y

CONFIG_PREEMPTION=y

CONFIG_PREEMPT_DYNAMIC=y

# CONFIG_SCHED_CORE is not set


#

# CPU/Task time and stats accounting

```

BKM

```
#
CONFIG_TICK_CPU_ACCOUNTING=y
# CONFIG_VIRT_CPU_ACCOUNTING_GEN is not set
# CONFIG_IRQ_TIME_ACCOUNTING is not set
CONFIG_BSD_PROCESS_ACCT=y
CONFIG_BSD_PROCESS_ACCT_V3=y
CONFIG_TASKSTATS=y
CONFIG_TASK_DELAY_ACCT=y
CONFIG_TASK_XACCT=y
CONFIG_TASK_IO_ACCOUNTING=y
CONFIG_PSI=y
# CONFIG_PSI_DEFAULT_DISABLED is not set
# end of CPU/Task time and stats accounting

CONFIG_CPU_ISOLATION=y

#
# RCU Subsystem
#
CONFIG_TREE_RCU=y
CONFIG_PREEMPT_RCU=y
# CONFIG_RCU_EXPERT is not set
CONFIG_TREE_SRCU=y
CONFIG_TASKS_RCU_GENERIC=y
CONFIG_TASKS_RCU=y
CONFIG_TASKS_RUDE_RCU=y
CONFIG_TASKS_TRACE_RCU=y
```

```

CONFIG_RCU_STALL_COMMON=y

CONFIG_RCU_NEED_SEGCBLIST=y

# end of RCU Subsystem


# CONFIG_IKCONFIG is not set

CONFIG_IKHEADERS=m

CONFIG_LOG_BUF_SHIFT=18

CONFIG_LOG_CPU_MAX_BUF_SHIFT=12

# CONFIG_PRINTK_INDEX is not set

CONFIG_HAVE_UNSTABLE_SCHED_CLOCK=y


#

# Scheduler features

#

CONFIG_UCLAMP_TASK=y

CONFIG_UCLAMP_BUCKETS_COUNT=5

# end of Scheduler features


CONFIG_ARCH_SUPPORTS_NUMA_BALANCING=y

CONFIG_ARCH_WANT_BATCHED_UNMAP_TLB_FLUSH=y

CONFIG_CC_HAS_INT128=y

CONFIG_CC_IMPLICIT_FALLTHROUGH="-Wimplicit-fallthrough=5"

CONFIG_GCC10_NO_ARRAY_BOUNDS=y

CONFIG_GCC_NO_STRINGOP_OVERFLOW=y

CONFIG_CC_NO_STRINGOP_OVERFLOW=y

CONFIG_ARCH_SUPPORTS_INT128=y

CONFIG_NUMA_BALANCING=y

```

BKM

```

CONFIG_NUMA_BALANCING_DEFAULT_ENABLED=y
CONFIG_CGROUPS=y
CONFIG_PAGE_COUNTER=y
# CONFIG_CGROUP_FAVOR_DYNMODS is not set
CONFIG_MEMCG=y
CONFIG_MEMCG_KMEM=y
CONFIG_BLK_CGROUP=y
CONFIG_CGROUP_WRITEBACK=y
CONFIG_CGROUP_SCHED=y
CONFIG_FAIR_GROUP_SCHED=y
CONFIG_CFS_BANDWIDTH=y
# CONFIG_RT_GROUP_SCHED is not set
CONFIG_SCHED_MM_CID=y
CONFIG_UCLAMP_TASK_GROUP=y
CONFIG_CGROUP_PIDS=y
CONFIG_CGROUP_RDMA=y
CONFIG_CGROUP_FREEZER=y
CONFIG_CGROUP_HUGETLB=y
CONFIG_CPUSETS=y
CONFIG_PROC_PID_CPUSET=y
CONFIG_CGROUP_DEVICE=y
CONFIG_CGROUP_CPUACCT=y
CONFIG_CGROUP_PERF=y
CONFIG_CGROUP_BPF=y
# CONFIG_CGROUP_MISC is not set
# CONFIG_CGROUP_DEBUG is not set
CONFIG_SOCK_CGROUP_DATA=y

```

```

CONFIG_NAMESPACES=y

CONFIG_UTS_NS=y

CONFIG_TIME_NS=y

CONFIG_IPC_NS=y

CONFIG_USER_NS=y

CONFIG_PID_NS=y

CONFIG_NET_NS=y

CONFIG_CHECKPOINT_RESTORE=y

CONFIG_SCHED_AUTOGROUP=y

CONFIG_RELAY=y

CONFIG_BLK_DEV_INITRD=y

CONFIG_INITRAMFS_SOURCE=""

CONFIG_RD_GZIP=y

CONFIG_RD_BZIP2=y

CONFIG_RD_LZMA=y

CONFIG_RD_XZ=y

CONFIG_RD_LZO=y

CONFIG_RD_LZ4=y

CONFIG_RD_ZSTD=y

CONFIG_BOOT_CONFIG=y

# CONFIG_BOOT_CONFIG_FORCE is not set

# CONFIG_BOOT_CONFIG_EMBED is not set

CONFIG_INITRAMFS_PRESERVE_MTIME=y

CONFIG_CC_OPTIMIZE_FOR_PERFORMANCE=y

# CONFIG_CC_OPTIMIZE_FOR_SIZE is not set

CONFIG_LD_ORPHAN_WARN=y

CONFIG_LD_ORPHAN_WARN_LEVEL="warn"

```

BKM

CONFIG_SYSCTL=y
CONFIG_HAVE_UID16=y
CONFIG_SYSCTL_EXCEPTION_TRACE=y
CONFIG_HAVE_PCSPKR_PLATFORM=y
CONFIG_EXPERT=y
CONFIG_UID16=y
CONFIG_MULTUSER=y
CONFIG_SGETMASK_SYSCALL=y
CONFIG_SYSFS_SYSCALL=y
CONFIG_FHANDLE=y
CONFIG_POSIX_TIMERS=y
CONFIG_PRINTK=y
CONFIG_BUG=y
CONFIG_ELF_CORE=y
CONFIG_PCSPKR_PLATFORM=y
CONFIG_BASE_FULL=y
CONFIG_FUTEX=y
CONFIG_FUTEX_PI=y
CONFIG_EPOLL=y
CONFIG_SIGNALFD=y
CONFIG_TIMERFD=y
CONFIG_EVENTFD=y
CONFIG_SHMEM=y
CONFIG_AIO=y
CONFIG_IO_URING=y
CONFIG_ADVISE_SYSCALLS=y
CONFIG_MEMBARRIER=y

```

CONFIG_KCMP=y

CONFIG_RSEQ=y

# CONFIG_DEBUG_RSEQ is not set

CONFIG_CACHESTAT_SYSCALL=y

CONFIG_PC104=y

CONFIG_KALLSYMS=y

# CONFIG_KALLSYMS_SELFTEST is not set

CONFIG_KALLSYMS_ALL=y

CONFIG_KALLSYMS_ABSOLUTE_PERCPU=y

CONFIG_KALLSYMS_BASE_RELATIVE=y

CONFIG_ARCH_HAS_MEMBARRIER_SYNC_CORE=y

CONFIG_HAVE_PERF_EVENTS=y

CONFIG_GUEST_PERF_EVENTS=y


#

# Kernel Performance Events And Counters

#

CONFIG_PERF_EVENTS=y

# CONFIG_DEBUG_PERF_USE_VMALLOC is not set

# end of Kernel Performance Events And Counters


CONFIG_SYSTEM_DATA_VERIFICATION=y

CONFIG_PROFILING=y

CONFIG_TRACEPOINTS=y


#

# Kexec and crash features

```


BKM

```
#
CONFIG_CRASH_RESERVE=y
CONFIG_VMCORE_INFO=y
CONFIG_KEXEC_CORE=y
CONFIG_HAVE_IMA_KEXEC=y
CONFIG_KEXEC=y
CONFIG_KEXEC_FILE=y
CONFIG_KEXEC_SIG=y
# CONFIG_KEXEC_SIG_FORCE is not set
CONFIG_KEXEC_BZIMAGE_VERIFY_SIG=y
CONFIG_KEXEC_JUMP=y
CONFIG_CRASH_DUMP=y
CONFIG_CRASH_HOTPLUG=y
CONFIG_CRASH_MAX_MEMORY_RANGES=8192
# end of Kexec and crash features
# end of General setup

CONFIG_64BIT=y
CONFIG_X86_64=y
CONFIG_X86=y
CONFIG_INSTRUCTION_DECODER=y
CONFIG_OUTPUT_FORMAT="elf64-x86-64"
CONFIG_LOCKDEP_SUPPORT=y
CONFIG_STACKTRACE_SUPPORT=y
CONFIG_MMU=y
CONFIG_ARCH_MMAP_RND_BITS_MIN=28
CONFIG_ARCH_MMAP_RND_BITS_MAX=32
```

```
CONFIG_ARCH_MMAP_RND_COMPAT_BITS_MIN=8
CONFIG_ARCH_MMAP_RND_COMPAT_BITS_MAX=16
CONFIG_GENERIC_ISA_DMA=y
CONFIG_GENERIC_BUG=y
CONFIG_GENERIC_BUG_RELATIVE_POINTERS=y
CONFIG_ARCH_MAY_HAVE_PC_FDC=y
CONFIG_GENERIC_CALIBRATE_DELAY=y
CONFIG_ARCH_HAS_CPU_RELAX=y
CONFIG_ARCH_HIBERNATION_POSSIBLE=y
CONFIG_ARCH_SUSPEND_POSSIBLE=y
CONFIG_AUDIT_ARCH=y
CONFIG_HAVE_INTEL_TXT=y
CONFIG_X86_64_SMP=y
CONFIG_ARCH_SUPPORTS_UPROBES=y
CONFIG_FIX_EARLYCON_MEM=y
CONFIG_DYNAMIC_PHYSICAL_MASK=y
CONFIG_PGTABLE_LEVELS=5
CONFIG_CC_HAS_SANE_STACKPROTECTOR=y
```

```
#
# Processor type and features
#
CONFIG_SMP=y
CONFIG_X86_X2APIC=y
CONFIG_X86_MPPARSE=y
CONFIG_X86_CPU_RESCTRL=y
# CONFIG_X86_FRED is not set
```

BKM

```
CONFIG_X86_EXTENDED_PLATFORM=y
CONFIG_X86_NUMACHIP=y
# CONFIG_X86_VSMP is not set
CONFIG_X86_UV=y
# CONFIG_X86_GOLDFISH is not set
# CONFIG_X86_INTEL_MID is not set
CONFIG_X86_INTEL_LPSS=y
CONFIG_X86_AMD_PLATFORM_DEVICE=y
CONFIG_IOSF_MBI=y
CONFIG_IOSF_MBI_DEBUG=y
CONFIG_X86_SUPPORTS_MEMORY_FAILURE=y
CONFIG_SCHED_OMIT_FRAME_POINTER=y
CONFIG_HYPERVISOR_GUEST=y
CONFIG_PARAVIRT=y
CONFIG_PARAVIRT_XXL=y
# CONFIG_PARAVIRT_DEBUG is not set
CONFIG_PARAVIRT_SPINLOCKS=y
CONFIG_X86_HV_CALLBACK_VECTOR=y
CONFIG_XEN=y
CONFIG_XEN_PV=y
CONFIG_XEN_512GB=y
CONFIG_XEN_PV_SMP=y
CONFIG_XEN_PV_DOM0=y
CONFIG_XEN_PVHVM=y
CONFIG_XEN_PVHVM_SMP=y
CONFIG_XEN_PVHVM_GUEST=y
CONFIG_XEN_SAVE_RESTORE=y
```

```
# CONFIG_XEN_DEBUG_FS is not set

CONFIG_XEN_PVH=y

CONFIG_XEN_DOM0=y

CONFIG_XEN_PV_MSR_SAFE=y

CONFIG_KVM_GUEST=y

CONFIG_ARCH_CPUIDLE_HALTPOLL=y

CONFIG_PVH=y

# CONFIG_PARAVIRT_TIME_ACCOUNTING is not set

CONFIG_PARAVIRT_CLOCK=y

CONFIG_JAILHOUSE_GUEST=y

CONFIG_ACRN_GUEST=y

# CONFIG_INTEL_TDX_GUEST is not set

# CONFIG_MK8 is not set

# CONFIG_MPSC is not set

# CONFIG_MCORE2 is not set

# CONFIG_MATOM is not set

CONFIG_GENERIC_CPU=y

CONFIG_X86_INTERNODE_CACHE_SHIFT=6

CONFIG_X86_L1_CACHE_SHIFT=6

CONFIG_X86_TSC=y

CONFIG_X86_HAVE_PAE=y

CONFIG_X86_CMPXCHG64=y

CONFIG_X86_CMOV=y

CONFIG_X86_MINIMUM_CPU_FAMILY=64

CONFIG_X86_DEBUGCTLMSR=y

CONFIG_IA32_FEAT_CTL=y

CONFIG_X86_VMX_FEATURE_NAMES=y
```

BKM

CONFIG_PROCESSOR_SELECT=y
CONFIG_CPU_SUP_INTEL=y
CONFIG_CPU_SUP_AMD=y
CONFIG_CPU_SUP_HYGON=y
CONFIG_CPU_SUP_CENTAUR=y
CONFIG_CPU_SUP_ZHAOXIN=y
CONFIG_HPET_TIMER=y
CONFIG_HPET_EMULATE_RTC=y
CONFIG_DMI=y
CONFIG_GART_IOMMU=y
CONFIG_BOOT_VESA_SUPPORT=y
CONFIG_MAXSMP=y
CONFIG_NR_CPUS_RANGE_BEGIN=8192
CONFIG_NR_CPUS_RANGE_END=8192
CONFIG_NR_CPUS_DEFAULT=8192
CONFIG_NR_CPUS=8192
CONFIG_SCHED_CLUSTER=y
CONFIG_SCHED_SMT=y
CONFIG_SCHED_MC=y
CONFIG_SCHED_MC_PRIO=y
CONFIG_X86_LOCAL_APIC=y
CONFIG_X86_IO_APIC=y
CONFIG_X86_REROUTE_FOR_BROKEN_BOOT_IRQS=y
CONFIG_X86_MCE=y
CONFIG_X86_MCELOG_LEGACY=y
CONFIG_X86_MCE_INTEL=y
CONFIG_X86_MCE_AMD=y

```

CONFIG_X86_MCE_THRESHOLD=y

CONFIG_X86_MCE_INJECT=m


#

# Performance monitoring

#

CONFIG_PERF_EVENTS_INTEL_UNCORE=y
CONFIG_PERF_EVENTS_INTEL_RAPL=m
CONFIG_PERF_EVENTS_INTEL_CSTATE=m
# CONFIG_PERF_EVENTS_AMD_POWER is not set
CONFIG_PERF_EVENTS_AMD_UNCORE=y
# CONFIG_PERF_EVENTS_AMD_BRS is not set
# end of Performance monitoring


CONFIG_X86_16BIT=y
CONFIG_X86_ESPFIX64=y
CONFIG_X86_VSYSCALL_EMULATION=y
CONFIG_X86_IOPL_IOPERM=y
CONFIG_MICROCODE=y
# CONFIG_MICROCODE_LATE_LOADING is not set
CONFIG_X86_MSR=m
CONFIG_X86_CPUID=m
CONFIG_X86_5LEVEL=y
CONFIG_X86_DIRECT_GBPPAGES=y
# CONFIG_X86_CPA_STATISTICS is not set
CONFIG_X86_MEM_ENCRYPT=y
CONFIG_AMD_MEM_ENCRYPT=y

```

BKM

```

CONFIG_NUMA=y
CONFIG_AMD_NUMA=y
CONFIG_X86_64_ACPI_NUMA=y
# CONFIG_NUMA_EMU is not set
CONFIG_NODES_SHIFT=10
CONFIG_ARCH_SPARSEMEM_ENABLE=y
CONFIG_ARCH_SPARSEMEM_DEFAULT=y
CONFIG_ARCH_MEMORY_PROBE=y
CONFIG_ARCH_PROC_KCORE_TEXT=y
CONFIG_ILLEGAL_POINTER_VALUE=0xdead000000000000
CONFIG_X86_PMEM_LEGACY_DEVICE=y
CONFIG_X86_PMEM_LEGACY=y
CONFIG_X86_CHECK_BIOS_CORRUPTION=y
CONFIG_X86_BOOTPARAM_MEMORY_CORRUPTION_CHECK=y
CONFIG_MTRR=y
CONFIG_MTRR_SANITIZER=y
CONFIG_MTRR_SANITIZER_ENABLE_DEFAULT=1
CONFIG_MTRR_SANITIZER_SPARE_REG_NR_DEFAULT=1
CONFIG_X86_PAT=y
CONFIG_ARCH_USES_PG_UNCACHED=y
CONFIG_X86_UMIP=y
CONFIG_CC_HAS_IBT=y
CONFIG_X86_CET=y
CONFIG_X86_KERNEL_IBT=y
CONFIG_X86_INTEL_MEMORY_PROTECTION_KEYS=y
CONFIG_X86_INTEL_TSX_MODE_OFF=y
# CONFIG_X86_INTEL_TSX_MODE_ON is not set

```

```
# CONFIG_X86_INTEL_TSX_MODE_AUTO is not set

CONFIG_X86_SGX=y

# CONFIG_X86_USER_SHADOW_STACK is not set

CONFIG_EFI=y

CONFIG_EFI_STUB=y

CONFIG_EFI_HANDOVER_PROTOCOL=y

CONFIG_EFI_MIXED=y

# CONFIG_EFI_FAKE_MEMMAP is not set

CONFIG_EFI_RUNTIME_MAP=y

# CONFIG_HZ_100 is not set

CONFIG_HZ_250=y

# CONFIG_HZ_300 is not set

# CONFIG_HZ_1000 is not set

CONFIG_HZ=250

CONFIG_SCHED_HRTICK=y

CONFIG_ARCH_SUPPORTS_KEXEC=y

CONFIG_ARCH_SUPPORTS_KEXEC_FILE=y

CONFIG_ARCH_SELECTS_KEXEC_FILE=y

CONFIG_ARCH_SUPPORTS_KEXEC_PURGATORY=y

CONFIG_ARCH_SUPPORTS_KEXEC_SIG=y

CONFIG_ARCH_SUPPORTS_KEXEC_SIG_FORCE=y

CONFIG_ARCH_SUPPORTS_KEXEC_BZIMAGE_VERIFY_SIG=y

CONFIG_ARCH_SUPPORTS_KEXEC_JUMP=y

CONFIG_ARCH_SUPPORTS_CRASH_DUMP=y

CONFIG_ARCH_SUPPORTS_CRASH_HOTPLUG=y

CONFIG_ARCH_HAS_GENERIC_CRASHKERNEL_RESERVATION=y

CONFIG_PHYSICAL_START=0x1000000
```


BKM

```

CONFIG_RELOCATABLE=y
CONFIG_RANDOMIZE_BASE=y
CONFIG_X86_NEED_RELOCS=y
CONFIG_PHYSICAL_ALIGN=0x200000
CONFIG_DYNAMIC_MEMORY_LAYOUT=y
CONFIG_RANDOMIZE_MEMORY=y
CONFIG_RANDOMIZE_MEMORY_PHYSICAL_PADDING=0xa
# CONFIG_ADDRESS_MASKING is not set
CONFIG_HOTPLUG_CPU=y
# CONFIG_COMPAT_VDSO is not set
CONFIG_LEGACY_VSYSCALL_XONLY=y
# CONFIG_LEGACY_VSYSCALL_NONE is not set
# CONFIG_CMDLINE_BOOL is not set
CONFIG_MODIFY_LDT_SYSCALL=y
# CONFIG_STRICT_SIGALTSTACK_SIZE is not set
CONFIG_HAVE_LIVEPATCH=y
CONFIG_LIVEPATCH=y
# end of Processor type and features

CONFIG_CC_HAS_RETURN_THUNK=y
CONFIG_CC_HAS_ENTRY_PADDING=y
CONFIG_FUNCTION_PADDING_CFI=11
CONFIG_FUNCTION_PADDING_BYTES=16
CONFIG_CALL_PADDING=y
CONFIG_HAVE_CALL_THUNKS=y
CONFIG_CALL_THUNKS=y
CONFIG_PREFIX_SYMBOLS=y

```

```

CONFIG_CPU_MITIGATIONS=y
CONFIG_MITIGATION_PAGE_TABLE_ISOLATION=y
CONFIG_MITIGATION_RETPOLINE=y
CONFIG_MITIGATION_RETHUNK=y
CONFIG_MITIGATION_UNRET_ENTRY=y
CONFIG_MITIGATION_CALL_DEPTH_TRACKING=y
# CONFIG_CALL_THUNKS_DEBUG is not set
CONFIG_MITIGATION_IBPB_ENTRY=y
CONFIG_MITIGATION_IBRS_ENTRY=y
CONFIG_MITIGATION_SRSO=y
# CONFIG_MITIGATION_GDS_FORCE is not set
CONFIG_MITIGATION_RFDS=y
CONFIG_MITIGATION_SPECTRE_BHI=y
CONFIG_ARCH_HAS_ADD_PAGES=y

#

# Power management and ACPI options
#

CONFIG_ARCH_HIBERNATION_HEADER=y
CONFIG_SUSPEND=y
CONFIG_SUSPEND_FREEZER=y
# CONFIG_SUSPEND_SKIP_SYNC is not set
CONFIG_HIBERNATE_CALLBACKS=y
CONFIG_HIBERNATION=y
CONFIG_HIBERNATION_SNAPSHOT_DEV=y
CONFIG_HIBERNATION_COMP_LZO=y
# CONFIG_HIBERNATION_COMP_LZ4 is not set

```

BKM

```

CONFIG_HIBERNATION_DEF_COMP="lzo"

CONFIG_PM_STD_PARTITION=""

CONFIG_PM_SLEEP=y

CONFIG_PM_SLEEP_SMP=y

# CONFIG_PM_AUTOSLEEP is not set

# CONFIG_PM_USERSPACE_AUTOSLEEP is not set

CONFIG_PM_WAKELOCKS=y

CONFIG_PM_WAKELOCKS_LIMIT=100

CONFIG_PM_WAKELOCKS_GC=y

CONFIG_PM=y

CONFIG_PM_DEBUG=y

CONFIG_PM_ADVANCED_DEBUG=y

# CONFIG_PM_TEST_SUSPEND is not set

CONFIG_PM_SLEEP_DEBUG=y

# CONFIG_DPM_WATCHDOG is not set

CONFIG_PM_TRACE=y

CONFIG_PM_TRACE_RTC=y

CONFIG_PM_CLK=y

CONFIG_PM_GENERIC_DOMAINS=y

CONFIG_WQ_POWER_EFFICIENT_DEFAULT=y

CONFIG_PM_GENERIC_DOMAINS_SLEEP=y

CONFIG_ENERGY_MODEL=y

CONFIG_ARCH_SUPPORTS_ACPI=y

CONFIG_ACPI=y

CONFIG_ACPI_LEGACY_TABLES_LOOKUP=y

CONFIG_ARCH_MIGHT_HAVE_ACPI_PDC=y

CONFIG_ACPI_SYSTEM_POWER_STATES_SUPPORT=y

```

```

CONFIG_ACPI_TABLE_LIB=y
CONFIG_ACPI_THERMAL_LIB=y
CONFIG_ACPI_DEBUGGER=y
CONFIG_ACPI_DEBUGGER_USER=y
CONFIG_ACPI_SPCR_TABLE=y
CONFIG_ACPI_FPDT=y
CONFIG_ACPI_LPIT=y
CONFIG_ACPI_SLEEP=y
CONFIG_ACPI_REV_OVERRIDE_POSSIBLE=y
CONFIG_ACPI_EC_DEBUGFS=m
CONFIG_ACPI_AC=y
CONFIG_ACPI_BATTERY=y
CONFIG_ACPI_BUTTON=y
CONFIG_ACPI_VIDEO=m
CONFIG_ACPI_FAN=y
CONFIG_ACPI_TAD=m
CONFIG_ACPI_DOCK=y
CONFIG_ACPI_CPU_FREQ_PSS=y
CONFIG_ACPI_PROCESSOR_CSTATE=y
CONFIG_ACPI_PROCESSOR_IDLE=y
CONFIG_ACPI_CPPC_LIB=y
CONFIG_ACPI_PROCESSOR=y
CONFIG_ACPI_IPMI=m
CONFIG_ACPI_HOTPLUG_CPU=y
CONFIG_ACPI_PROCESSOR_AGGREGATOR=m
CONFIG_ACPI_THERMAL=y
CONFIG_ACPI_PLATFORM_PROFILE=m

```

BKM

```

CONFIG_ACPI_CUSTOM_DSDT_FILE=""
CONFIG_ARCH_HAS_ACPI_TABLE_UPGRADE=y
CONFIG_ACPI_TABLE_UPGRADE=y
CONFIG_ACPI_DEBUG=y
CONFIG_ACPI_PCI_SLOT=y
CONFIG_ACPI_CONTAINER=y
CONFIG_ACPI_HOTPLUG_MEMORY=y
CONFIG_ACPI_HOTPLUG_IOAPIC=y
CONFIG_ACPI_SBS=m
CONFIG_ACPI_HED=y
CONFIG_ACPI_BGRT=y
# CONFIG_ACPI_REduced_HARDWARE_ONLY is not set
CONFIG_ACPI_NFIT=m
# CONFIG_NFIT_SECURITY_DEBUG is not set
CONFIG_ACPI_NUMA=y
CONFIG_ACPI_HMAT=y
CONFIG_HAVE_ACPI_APEI=y
CONFIG_HAVE_ACPI_APEI_NMI=y
CONFIG_ACPI_APEI=y
CONFIG_ACPI_APEI_GHES=y
CONFIG_ACPI_APEI_PCIEAER=y
CONFIG_ACPI_APEI_MEMORY_FAILURE=y
CONFIG_ACPI_APEI_EINJ=m
CONFIG_ACPI_APEI_EINJ_CXL=y
# CONFIG_ACPI_APEI_ERST_DEBUG is not set
CONFIG_ACPI_DPTF=y
CONFIG_DPTF_POWER=m

```

```

CONFIG_DPTF_PCH_FIVR=m
CONFIG_ACPI_WATCHDOG=y
CONFIG_ACPI_EXTLOG=m
CONFIG_ACPI_ADXL=y
CONFIG_ACPI_CONFIGFS=m
# CONFIG_ACPI_PFRUT is not set
CONFIG_ACPI_PCC=y
# CONFIG_ACPI_FFH is not set
CONFIG_PMIC_OPREGION=y
CONFIG_BYTCRC_PMIC_OPREGION=y
CONFIG_CHTCRC_PMIC_OPREGION=y
CONFIG_XPOWER_PMIC_OPREGION=y
CONFIG_BXT_WC_PMIC_OPREGION=y
CONFIG_CHT_WC_PMIC_OPREGION=y
CONFIG_CHT_DC_TI_PMIC_OPREGION=y
CONFIG_ACPI_PRMT=y
CONFIG_X86_PM_TIMER=y

#
# CPU Frequency scaling
#
CONFIG_CPU_FREQ=y
CONFIG_CPU_FREQ_GOV_ATTR_SET=y
CONFIG_CPU_FREQ_GOV_COMMON=y
CONFIG_CPU_FREQ_STAT=y
# CONFIG_CPU_FREQ_DEFAULT_GOV_PERFORMANCE is not set
# CONFIG_CPU_FREQ_DEFAULT_GOV_POWERSAVE is not set

```

BKM

```
# CONFIG_CPU_FREQ_DEFAULT_GOV_USERSPACE is not set

CONFIG_CPU_FREQ_DEFAULT_GOV_SCHEDUTIL=y

CONFIG_CPU_FREQ_GOV_PERFORMANCE=y

CONFIG_CPU_FREQ_GOV_POWERSAVE=y

CONFIG_CPU_FREQ_GOV_USERSPACE=y

CONFIG_CPU_FREQ_GOV_ONDEMAND=y

CONFIG_CPU_FREQ_GOV_CONSERVATIVE=y

CONFIG_CPU_FREQ_GOV_SCHEDUTIL=y


#

# CPU frequency scaling drivers

#

CONFIG_X86_INTEL_PSTATE=y

CONFIG_X86_PCC_CPUFREQ=y

CONFIG_X86_AMD_PSTATE=y

CONFIG_X86_AMD_PSTATE_DEFAULT_MODE=3

# CONFIG_X86_AMD_PSTATE_UT is not set

CONFIG_X86_ACPI_CPUFREQ=y

CONFIG_X86_ACPI_CPUFREQ_CPB=y

CONFIG_X86_POWERNOW_K8=y

CONFIG_X86_AMD_FREQ_SENSITIVITY=m

CONFIG_X86_SPEEDSTEP_CENTRINO=y

CONFIG_X86_P4_CLOCKMOD=m


#

# shared options

#
```

```
CONFIG_X86_SPEEDSTEP_LIB=m
# end of CPU Frequency scaling

#
# CPU Idle
#
CONFIG_CPU_IDLE=y
CONFIG_CPU_IDLE_GOV_LADDER=y
CONFIG_CPU_IDLE_GOV_MENU=y
CONFIG_CPU_IDLE_GOV_TEO=y
CONFIG_CPU_IDLE_GOV_HALTPOLL=y
CONFIG_HALTPOLL_CPUIDLE=m
# end of CPU Idle

CONFIG_INTEL_IDLE=y
# end of Power management and ACPI options

#
# Bus options (PCI etc.)
#
CONFIG_PCI_DIRECT=y
CONFIG_PCI_MMCONFIG=y
CONFIG_PCI_XEN=y
CONFIG_MMCONF_FAM10H=y
# CONFIG_PCI_CNB20LE_QUIRK is not set
CONFIG_ISA_BUS=y
CONFIG_ISA_DMA_API=y
```


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```

CONFIG_AMD_NB=y
# end of Bus options (PCI etc.)

#
# Binary Emulations
#
CONFIG_IA32_EMULATION=y
# CONFIG_IA32_EMULATION_DEFAULT_DISABLED is not set
# CONFIG_X86_X32_ABI is not set
CONFIG_COMPAT_32=y
CONFIG_COMPAT=y
CONFIG_COMPAT_FOR_U64_ALIGNMENT=y
# end of Binary Emulations

CONFIG_KVM_COMMON=y
CONFIG_HAVE_KVM_PFNCACHE=y
CONFIG_HAVE_KVM_IRQCHIP=y
CONFIG_HAVE_KVM_IRQ_ROUTING=y
CONFIG_HAVE_KVM_DIRTY_RING=y
CONFIG_HAVE_KVM_DIRTY_RING_TSO=y
CONFIG_HAVE_KVM_DIRTY_RING_ACQ_REL=y
CONFIG_KVM_MMIO=y
CONFIG_KVM_ASYNC_PF=y
CONFIG_HAVE_KVM_MSI=y
CONFIG_HAVE_KVM_READONLY_MEM=y
CONFIG_HAVE_KVM_CPU_RELAX_INTERCEPT=y
CONFIG_KVM_VFIO=y

```

```

CONFIG_KVM_GENERIC_DIRTYLOG_READ_PROTECT=y
CONFIG_KVM_COMPAT=y
CONFIG_HAVE_KVM_IRQ_BYPASS=y
CONFIG_HAVE_KVM_NO_POLL=y
CONFIG_KVM_XFER_TO_GUEST_WORK=y
CONFIG_HAVE_KVM_PM_NOTIFIER=y
CONFIG_KVM_GENERIC_HARDWARE_ENABLING=y
CONFIG_KVM_GENERIC_MMU_NOTIFIER=y
CONFIG_VIRTUALIZATION=y
CONFIG_KVM=m
CONFIG_KVM_WERROR=y
# CONFIG_KVM_SW_PROTECTED_VM is not set
CONFIG_KVM_INTEL=m
# CONFIG_X86_SGX_KVM is not set
CONFIG_KVM_AMD=m
CONFIG_KVM_AMD_SEV=y
CONFIG_KVM_SMM=y
CONFIG_KVM_HYPERV=y
CONFIG_KVM_XEN=y
# CONFIG_KVM_PROVE_MMU is not set
CONFIG_KVM_EXTERNAL_WRITE_TRACKING=y
CONFIG_KVM_MAX_NR_VCPUS=4096
CONFIG_AS_AVX512=y
CONFIG_AS_SHA1_NI=y
CONFIG_AS_SHA256_NI=y
CONFIG_AS_TPAUSE=y
CONFIG_AS_GFNI=y

```

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```

CONFIG_AS_WRUSS=y

CONFIG_ARCH_CONFIGURES_CPU_MITIGATIONS=y


#

# General architecture-dependent options

#

CONFIG_HOTPLUG_SMT=y

CONFIG_HOTPLUG_CORE_SYNC=y

CONFIG_HOTPLUG_CORE_SYNC_DEAD=y

CONFIG_HOTPLUG_CORE_SYNC_FULL=y

CONFIG_HOTPLUG_SPLIT_STARTUP=y

CONFIG_HOTPLUG_PARALLEL=y

CONFIG_GENERIC_ENTRY=y

CONFIG_KPROBES=y

CONFIG_JUMP_LABEL=y

# CONFIG_STATIC_KEYS_SELFTEST is not set

# CONFIG_STATIC_CALL_SELFTEST is not set

CONFIG_OPTPROBES=y

CONFIG_KPROBES_ON_FTRACE=y

CONFIG_UPROBES=y

CONFIG_HAVE_EFFICIENT_UNALIGNED_ACCESS=y

CONFIG_ARCH_USE_BUILTIN_BSWAP=y

CONFIG_KRETPROBES=y

CONFIG_KRETPROBE_ON_RETHOOK=y

CONFIG_USER_RETURN_NOTIFIER=y

CONFIG_HAVE_IOREMAP_PROT=y

CONFIG_HAVE_KPROBES=y

```

CONFIG_HAVE_KRETPROBES=y
CONFIG_HAVE_OPTPROBES=y
CONFIG_HAVE_KPROBES_ON_FTRACE=y
CONFIG_ARCH_CORRECT_STACKTRACE_ON_KRETPROBE=y
CONFIG_HAVE_FUNCTION_ERROR_INJECTION=y
CONFIG_HAVE_NMI=y
CONFIG_TRACE_IRQFLAGS_SUPPORT=y
CONFIG_TRACE_IRQFLAGS_NMI_SUPPORT=y
CONFIG_HAVE_ARCH_TRACEHOOK=y
CONFIG_HAVE_DMA_CONTIGUOUS=y
CONFIG_GENERIC_SMP_IDLE_THREAD=y
CONFIG_ARCH_HAS_FORTIFY_SOURCE=y
CONFIG_ARCH_HAS_SET_MEMORY=y
CONFIG_ARCH_HAS_SET_DIRECT_MAP=y
CONFIG_ARCH_HAS_CPU_FINALIZE_INIT=y
CONFIG_ARCH_HAS_CPU_PASID=y
CONFIG_HAVE_ARCH_THREAD_STRUCT_WHITELIST=y
CONFIG_ARCH_WANTS_DYNAMIC_TASK_STRUCT=y
CONFIG_ARCH_WANTS_NO_INSTR=y
CONFIG_HAVE_ASM_MODVERSIONS=y
CONFIG_HAVE_REGS_AND_STACK_ACCESS_API=y
CONFIG_HAVE_RSEQ=y
CONFIG_HAVE_RUST=y
CONFIG_HAVE_FUNCTION_ARG_ACCESS_API=y
CONFIG_HAVE_HW_BREAKPOINT=y
CONFIG_HAVE_MIXED_BREAKPOINTS_REGS=y
CONFIG_HAVE_USER_RETURN_NOTIFIER=y

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```

CONFIG_HAVE_PERF_EVENTS_NMI=y
CONFIG_HAVE_HARDLOCKUP_DETECTOR_PERF=y
CONFIG_HAVE_PERF_REGS=y
CONFIG_HAVE_PERF_USER_STACK_DUMP=y
CONFIG_HAVE_ARCH_JUMP_LABEL=y
CONFIG_HAVE_ARCH_JUMP_LABEL_RELATIVE=y
CONFIG_MMU_GATHER_TABLE_FREE=y
CONFIG_MMU_GATHER_RCU_TABLE_FREE=y
CONFIG_MMU_GATHER_MERGE_VMAS=y
CONFIG_MMU_LAZY_TLB_REFCOUNT=y
CONFIG_ARCH_HAVE_NMI_SAFE_CMPXCHG=y
CONFIG_ARCH_HAS_NMI_SAFE_THIS_CPU_OPS=y
CONFIG_HAVE_ALIGNED_STRUCT_PAGE=y
CONFIG_HAVE_CMPXCHG_LOCAL=y
CONFIG_HAVE_CMPXCHG_DOUBLE=y
CONFIG_ARCH_WANT_COMPAT_IPC_PARSE_VERSION=y
CONFIG_ARCH_WANT_OLD_COMPAT_IPC=y
CONFIG_HAVE_ARCH_SECCOMP=y
CONFIG_HAVE_ARCH_SECCOMP_FILTER=y
CONFIG_SECCOMP=y
CONFIG_SECCOMP_FILTER=y
# CONFIG_SECCOMP_CACHE_DEBUG is not set
CONFIG_HAVE_ARCH_STACKLEAK=y
CONFIG_HAVE_STACKPROTECTOR=y
CONFIG_STACKPROTECTOR=y
CONFIG_STACKPROTECTOR_STRONG=y
CONFIG_ARCH_SUPPORTS_LTO_CLANG=y

```

```

CONFIG_ARCH_SUPPORTS_LTO_CLANG_THIN=y
CONFIG_LTO_NONE=y
CONFIG_ARCH_SUPPORTS_CFI_CLANG=y
CONFIG_HAVE_ARCH_WITHIN_STACK_FRAMES=y
CONFIG_HAVE_CONTEXT_TRACKING_USER=y
CONFIG_HAVE_CONTEXT_TRACKING_USER_OFFSTACK=y
CONFIG_HAVE_VIRT_CPU_ACCOUNTING_GEN=y
CONFIG_HAVE_IRQ_TIME_ACCOUNTING=y
CONFIG_HAVE_MOVE_PUD=y
CONFIG_HAVE_MOVE_PMD=y
CONFIG_HAVE_ARCH_TRANSPARENT_HUGEPAGE=y
CONFIG_HAVE_ARCH_TRANSPARENT_HUGEPAGE_PUD=y
CONFIG_HAVE_ARCH_HUGE_VMAP=y
CONFIG_HAVE_ARCH_HUGE_VMALLOC=y
CONFIG_ARCH_WANT_HUGE_PMD_SHARE=y
CONFIG_ARCH_WANT_PMD_MKWRITE=y
CONFIG_HAVE_ARCH_SOFT_DIRTY=y
CONFIG_HAVE_MOD_ARCH_SPECIFIC=y
CONFIG_MODULES_USE_ELF_RELA=y
CONFIG_HAVE_IRQ_EXIT_ON_IRQ_STACK=y
CONFIG_HAVE_SOFTIRQ_ON_OWN_STACK=y
CONFIG_SOFTIRQ_ON_OWN_STACK=y
CONFIG_ARCH_HAS_ELF_RANDOMIZE=y
CONFIG_HAVE_ARCH_MMAP_RND_BITS=y
CONFIG_HAVE_EXIT_THREAD=y
CONFIG_ARCH_MMAP_RND_BITS=28
CONFIG_HAVE_ARCH_MMAP_RND_COMPAT_BITS=y

```

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```

CONFIG_ARCH_MMAP_RND_COMPAT_BITS=8
CONFIG_HAVE_ARCH_COMPAT_MMAP_BASES=y
CONFIG_HAVE_PAGE_SIZE_4KB=y
CONFIG_PAGE_SIZE_4KB=y
CONFIG_PAGE_SIZE_LESS_THAN_64KB=y
CONFIG_PAGE_SIZE_LESS_THAN_256KB=y
CONFIG_PAGE_SHIFT=12
CONFIG_HAVE_OBJTOOL=y
CONFIG_HAVE_JUMP_LABEL_HACK=y
CONFIG_HAVE_NOINSTR_HACK=y
CONFIG_HAVE_NOINSTR_VALIDATION=y
CONFIG_HAVE_UACCESS_VALIDATION=y
CONFIG_HAVE_STACK_VALIDATION=y
CONFIG_HAVE_RELIABLE_STACKTRACE=y
CONFIG_ISA_BUS_API=y
CONFIG_OLD_SIGSUSPEND3=y
CONFIG_COMPAT_OLD_SIGACTION=y
CONFIG_COMPAT_32BIT_TIME=y
CONFIG_HAVE_ARCH_VMAP_STACK=y
CONFIG_VMAP_STACK=y
CONFIG_HAVE_ARCH_RANDOMIZE_KSTACK_OFFSET=y
CONFIG_RANDOMIZE_KSTACK_OFFSET=y
# CONFIG_RANDOMIZE_KSTACK_OFFSET_DEFAULT is not set
CONFIG_ARCH_HAS_STRICT_KERNEL_RWX=y
CONFIG_STRICT_KERNEL_RWX=y
CONFIG_ARCH_HAS_STRICT_MODULE_RWX=y
CONFIG_STRICT_MODULE_RWX=y

```

```

CONFIG_HAVE_ARCH_PREL32_RELOCATIONS=y

CONFIG_ARCH_USE_MEMREMAP_PROT=y

# CONFIG_LOCK_EVENT_COUNTS is not set

CONFIG_ARCH_HAS_MEM_ENCRYPT=y

CONFIG_ARCH_HAS_CC_PLATFORM=y

CONFIG_HAVE_STATIC_CALL=y

CONFIG_HAVE_STATIC_CALL_INLINE=y

CONFIG_HAVE_PREEMPT_DYNAMIC=y

CONFIG_HAVE_PREEMPT_DYNAMIC_CALL=y

CONFIG_ARCH_WANT_LD_ORPHAN_WARN=y

CONFIG_ARCH_SUPPORTS_DEBUG_PAGEALLOC=y

CONFIG_ARCH_SUPPORTS_PAGE_TABLE_CHECK=y

CONFIG_ARCH_HAS_ELFCORE_COMPAT=y

CONFIG_ARCH_HAS_PARANOID_L1D_FLUSH=y

CONFIG_DYNAMIC_SIGFRAME=y

CONFIG_HAVE_ARCH_NODE_DEV_GROUP=y

CONFIG_ARCH_HAS_HW_PTE_YOUNG=y

CONFIG_ARCH_HAS_NONLEAF_PMD_YOUNG=y


#

# GCOV-based kernel profiling

#

# CONFIG_GCOV_KERNEL is not set

CONFIG_ARCH_HAS_GCOV_PROFILE_ALL=y

# end of GCOV-based kernel profiling


CONFIG_HAVE_GCC_PLUGINS=y

```


BKM

```

CONFIG_FUNCTION_ALIGNMENT_4B=y
CONFIG_FUNCTION_ALIGNMENT_16B=y
CONFIG_FUNCTION_ALIGNMENT=16
# end of General architecture-dependent options

CONFIG_RT_MUTEXES=y
CONFIG_BASE_SMALL=0
CONFIG_MODULE_SIG_FORMAT=y
CONFIG_MODULES=y
# CONFIG_MODULE_DEBUG is not set
# CONFIG_MODULE_FORCE_LOAD is not set
CONFIG_MODULE_UNLOAD=y
# CONFIG_MODULE_FORCE_UNLOAD is not set
# CONFIG_MODULE_UNLOAD_TAINT_TRACKING is not set
CONFIG_MODVERSIONS=y
CONFIG_ASM_MODVERSIONS=y
CONFIG_MODULE_SRCVERSION_ALL=y
CONFIG_MODULE_SIG=y
# CONFIG_MODULE_SIG_FORCE is not set
CONFIG_MODULE_SIG_ALL=y
# CONFIG_MODULE_SIG_SHA1 is not set
# CONFIG_MODULE_SIG_SHA256 is not set
# CONFIG_MODULE_SIG_SHA384 is not set
CONFIG_MODULE_SIG_SHA512=y
# CONFIG_MODULE_SIG_SHA3_256 is not set
# CONFIG_MODULE_SIG_SHA3_384 is not set
# CONFIG_MODULE_SIG_SHA3_512 is not set

```

```
CONFIG_MODULE_SIG_HASH="sha512"

CONFIG_MODULE_COMPRESS_NONE=y

# CONFIG_MODULE_COMPRESS_GZIP is not set

# CONFIG_MODULE_COMPRESS_XZ is not set

# CONFIG_MODULE_COMPRESS_ZSTD is not set

# CONFIG_MODULE_ALLOW_MISSING_NAMESPACE_IMPORTS is not set

CONFIG_MODPROBE_PATH="/sbin/modprobe"

# CONFIG_TRIM_UNUSED_KSYMS is not set

CONFIG_MODULES_TREE_LOOKUP=y

CONFIG_BLOCK=y

CONFIG_BLOCK_LEGACY_AUTOLOAD=y

CONFIG_BLK_RQ_ALLOC_TIME=y

CONFIG_BLK_CGROUP_RWSTAT=y

CONFIG_BLK_CGROUP_PUNT_BIO=y

CONFIG_BLK_DEV_BSG_COMMON=y

CONFIG_BLK_ICQ=y

CONFIG_BLK_DEV_BSGLIB=y

CONFIG_BLK_DEV_INTEGRITY=y

CONFIG_BLK_DEV_INTEGRITY_T10=y

CONFIG_BLK_DEV_WRITE_MOUNTED=y

CONFIG_BLK_DEV_ZONED=y

CONFIG_BLK_DEV_THROTTLING=y

# CONFIG_BLK_DEV_THROTTLING_LOW is not set

CONFIG_BLK_WBT=y

CONFIG_BLK_WBT_MQ=y

# CONFIG_BLK_CGROUP_IOLATENCY is not set

# CONFIG_BLK_CGROUP_FC_APPID is not set
```

BKM

```

CONFIG_BLK_CGROUP_IOCOST=y

# CONFIG_BLK_CGROUP_IOPRIO is not set

CONFIG_BLK_DEBUG_FS=y

CONFIG_BLK_DEBUG_FS_ZONED=y

CONFIG_BLK_SED_OPAL=yss

CONFIG_BLK_INLINE_ENCRYPTION=y

CONFIG_BLK_INLINE_ENCRYPTION_FALLBACK=y


#

# Partition Types

#

CONFIG_PARTITION_ADVANCED=y

# CONFIG_ACORN_PARTITION is not set

CONFIG_AIX_PARTITION=y

CONFIG_OSF_PARTITION=y

CONFIG_AMIGA_PARTITION=y

CONFIG_ATARI_PARTITION=y

CONFIG_MAC_PARTITION=y

CONFIG_MSDOS_PARTITION=y

CONFIG_BSD_DISKLABEL=y

CONFIG_MINIX_SUBPARTITION=y

CONFIG_SOLARIS_X86_PARTITION=y

CONFIG_UNIXWARE_DISKLABEL=y

CONFIG_LDM_PARTITION=y

# CONFIG_LDM_DEBUG is not set

CONFIG_SGI_PARTITION=y

CONFIG_ULTRIX_PARTITION=y

```

```
CONFIG_SUN_PARTITION=y
CONFIG_KARMA_PARTITION=y
CONFIG_EFI_PARTITION=y
CONFIG_SYSV68_PARTITION=y
CONFIG_CMDLINE_PARTITION=y
# end of Partition Types

CONFIG_BLK_MQ_PCI=y
CONFIG_BLK_MQ_VIRTIO=y
CONFIG_BLK_PM=y
CONFIG_BLOCK_HOLDER_DEPRECATED=y
CONFIG_BLK_MQ_STACKING=y

#
# IO Schedulers
#
CONFIG_MQ_IOSCHED_DEADLINE=y
CONFIG_MQ_IOSCHED_KYBER=m
CONFIG_IOSCHED_BFQ=m
CONFIG_BFQ_GROUP_IOSCHED=y
# CONFIG_BFQ_CGROUP_DEBUG is not set
# end of IO Schedulers

CONFIG_PREEMPT_NOTIFIERS=y
CONFIG_PADATA=y
CONFIG_ASN1=y
CONFIG_UNINLINE_SPIN_UNLOCK=y
```

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```

CONFIG_ARCH_SUPPORTS_ATOMIC_RMW=y
CONFIG_MUTEX_SPIN_ON_OWNER=y
CONFIG_RWSEM_SPIN_ON_OWNER=y
CONFIG_LOCK_SPIN_ON_OWNER=y
CONFIG_ARCH_USE_QUEUED_SPINLOCKS=y
CONFIG_QUEUED_SPINLOCKS=y
CONFIG_ARCH_USE_QUEUED_RWLOCKS=y
CONFIG_QUEUED_RWLOCKS=y
CONFIG_ARCH_HAS_NON_OVERLAPPING_ADDRESS_SPACE=y
CONFIG_ARCH_HAS_SYNC_CORE_BEFORE_USERMODE=y
CONFIG_ARCH_HAS_SYSCALL_WRAPPER=y
CONFIG_FREEZER=y

#

# Executable file formats

#

CONFIG_BINFMT_ELF=y
CONFIG_COMPAT_BINFMT_ELF=y
CONFIG_ELFCORE=y
CONFIG_CORE_DUMP_DEFAULT_ELF_HEADERS=y
CONFIG_BINFMT_SCRIPT=y
CONFIG_BINFMT_MISC=m
CONFIG_COREDUMP=y

# end of Executable file formats

#

# Memory Management options

```

```
#  
CONFIG_ZPOOL=y  
CONFIG_SWAP=y  
CONFIG_ZSWAP=y  
# CONFIG_ZSWAP_DEFAULT_ON is not set  
# CONFIG_ZSWAP_SHRINKER_DEFAULT_ON is not set  
# CONFIG_ZSWAP_COMPRESSOR_DEFAULT_DEFLATE is not set  
CONFIG_ZSWAP_COMPRESSOR_DEFAULT_LZO=y  
# CONFIG_ZSWAP_COMPRESSOR_DEFAULT_842 is not set  
# CONFIG_ZSWAP_COMPRESSOR_DEFAULT_LZ4 is not set  
# CONFIG_ZSWAP_COMPRESSOR_DEFAULT_LZ4HC is not set  
# CONFIG_ZSWAP_COMPRESSOR_DEFAULT_ZSTD is not set  
CONFIG_ZSWAP_COMPRESSOR_DEFAULT="lzo"  
CONFIG_ZSWAP_ZPOOL_DEFAULT_ZBUD=y  
# CONFIG_ZSWAP_ZPOOL_DEFAULT_Z3FOLD is not set  
# CONFIG_ZSWAP_ZPOOL_DEFAULT_ZSMALLOC is not set  
CONFIG_ZSWAP_ZPOOL_DEFAULT="zbud"  
CONFIG_ZBUD=y  
CONFIG_Z3FOLD=m  
CONFIG_ZSMALLOC=y  
# CONFIG_ZSMALLOC_STAT is not set  
CONFIG_ZSMALLOC_CHAIN_SIZE=8  
  
#  
# Slab allocator options  
#  
CONFIG_SLUB=y
```

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```
# CONFIG_SLUB_TINY is not set

CONFIG_SLAB_MERGE_DEFAULT=y

CONFIG_SLAB_FREELIST_RANDOM=y

CONFIG_SLAB_FREELIST_HARDENED=y

# CONFIG_SLUB_STATS is not set

CONFIG_SLUB_CPU_PARTIAL=y

# CONFIG_RANDOM_KMALLOC_CACHES is not set

# end of Slab allocator options


CONFIG_SHUFFLE_PAGE_ALLOCATOR=y

# CONFIG_COMPAT_BRK is not set

CONFIG_SPARSEMEM=y

CONFIG_SPARSEMEM_EXTREME=y

CONFIG_SPARSEMEM_VMEMMAP_ENABLE=y

CONFIG_SPARSEMEM_VMEMMAP=y

CONFIG_ARCH_WANT_OPTIMIZE_DAX_VMEMMAP=y

CONFIG_ARCH_WANT_OPTIMIZE_HUGETLB_VMEMMAP=y

CONFIG_HAVE_FAST_GUP=y

CONFIG_NUMA_KEEP_MEMINFO=y

CONFIG_MEMORY_ISOLATION=y

CONFIG_EXCLUSIVE_SYSTEM_RAM=y

CONFIG_HAVE_BOOTMEM_INFO_NODE=y

CONFIG_ARCH_ENABLE_MEMORY_HOTPLUG=y

CONFIG_ARCH_ENABLE_MEMORY_HOTREMOVE=y

CONFIG_MEMORY_HOTPLUG=y

CONFIG_MEMORY_HOTPLUG_DEFAULT_ONLINE=y

CONFIG_MEMORY_HOTREMOVE=y
```

```
CONFIG_MHP_MEMMAP_ON_MEMORY=y
CONFIG_ARCH_MHP_MEMMAP_ON_MEMORY_ENABLE=y
CONFIG_SPLIT_PTLOCK_CPUS=4
CONFIG_ARCH_ENABLE_SPLIT_PMD_PTLOCK=y
CONFIG_MEMORY_BALLOON=y
CONFIG_BALLOON_COMPACTION=y
CONFIG_COMPACTION=y
CONFIG_COMPACT_UNEVICTABLE_DEFAULT=1
CONFIG_PAGE_REPORTING=y
CONFIG_MIGRATION=y
CONFIG_DEVICE_MIGRATION=y
CONFIG_ARCH_ENABLE_HUGEPAGE_MIGRATION=y
CONFIG_ARCH_ENABLE_THP_MIGRATION=y
CONFIG_CONTIG_ALLOC=y
CONFIG_PCP_BATCH_SCALE_MAX=5
CONFIG_PHYS_ADDR_T_64BIT=y
CONFIG_MMU_NOTIFIER=y
CONFIG_KSM=y
CONFIG_DEFAULT_MMAP_MIN_ADDR=65536
CONFIG_ARCH_SUPPORTS_MEMORY_FAILURE=y
CONFIG_MEMORY_FAILURE=y
CONFIG_HWPOISON_INJECT=m
CONFIG_ARCH_WANT_GENERAL_HUGETLB=y
CONFIG_ARCH_WANTS_THP_SWAP=y
CONFIG_TRANSPARENT_HUGEPAGE=y
# CONFIG_TRANSPARENT_HUGEPAGE_ALWAYS is not set
CONFIG_TRANSPARENT_HUGEPAGE_MADVISE=y
```


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```
# CONFIG_TRANSPARENT_HUGEPAGE_NEVER is not set

CONFIG_THP_SWAP=y

# CONFIG_READ_ONLY_THP_FOR_FS is not set

CONFIG_NEED_PER_CPU_EMBED_FIRST_CHUNK=y

CONFIG_NEED_PER_CPU_PAGE_FIRST_CHUNK=y

CONFIG_USE_PERCPU_NUMA_NODE_ID=y

CONFIG_HAVE_SETUP_PER_CPU_AREA=y

# CONFIG_CMA is not set

CONFIG_MEM_SOFT_DIRTY=y

CONFIG_GENERIC_EARLY_IOREMAP=y

# CONFIG_DEFERRED_STRUCT_PAGE_INIT is not set

CONFIG_PAGE_IDLE_FLAG=y

CONFIG_IDLE_PAGE_TRACKING=y

CONFIG_ARCH_HAS_CACHE_LINE_SIZE=y

CONFIG_ARCH_HAS_CURRENT_STACK_POINTER=y

CONFIG_ARCH_HAS_PTE_DEVMAP=y

CONFIG_ARCH_HAS_ZONE_DMA_SET=y

CONFIG_ZONE_DMA=y

CONFIG_ZONE_DMA32=y

CONFIG_ZONE_DEVICE=y

CONFIG_HMM_MIRROR=y

CONFIG_GET_FREE_REGION=y

CONFIG_DEVICE_PRIVATE=y

CONFIG_VMAP_PFN=y

CONFIG_ARCH_USES_HIGH_VMA_FLAGS=y

CONFIG_ARCH_HAS_PKEYS=y

CONFIG_VM_EVENT_COUNTERS=y
```

```
# CONFIG_PERCPU_STATS is not set

# CONFIG_GUP_TEST is not set

# CONFIG_DMAPOOL_TEST is not set

CONFIG_ARCH_HAS_PTE_SPECIAL=y

CONFIG_MAPPING_DIRTY_HELPERS=y

CONFIG_MEMFD_CREATE=y

CONFIG_SECRETMEM=y

# CONFIG_ANON_VMA_NAME is not set

CONFIG_HAVE_ARCH_USERFAULTFD_WP=y

CONFIG_HAVE_ARCH_USERFAULTFD_MINOR=y

CONFIG_USERFAULTFD=y

CONFIG_PTE_MARKER_UFFD_WP=y

# CONFIG_LRU_GEN is not set

CONFIG_ARCH_SUPPORTS_PER_VMA_LOCK=y

CONFIG_PER_VMA_LOCK=y

CONFIG_LOCK_MM_AND_FIND_VMA=y

CONFIG_IOMMU_MM_DATA=y


#

# Data Access Monitoring

#

# CONFIG_DAMON is not set

# end of Data Access Monitoring

# end of Memory Management options


CONFIG_NET=y

CONFIG_WANT_COMPAT_NETLINK_MESSAGES=y
```

BKM

CONFIG_COMPAT_NETLINK_MESSAGES=y

CONFIG_NET_INGRESS=y

CONFIG_NET_EGRESS=y

CONFIG_NET_XGRESS=y

CONFIG_NET_REDIRECT=y

CONFIG_SKB_EXTENSIONS=y

#

Networking options

#

CONFIG_PACKET=y

CONFIG_PACKET_DIAG=m

CONFIG_UNIX=y

CONFIG_AF_UNIX_OOB=y

CONFIG_UNIX_DIAG=m

CONFIG_TLS=m

CONFIG_TLS_DEVICE=y

CONFIG_TLS_TOE is not set

CONFIG_XFRM=y

CONFIG_XFRM_OFFLOAD=y

CONFIG_XFRM_ALGO=m

CONFIG_XFRM_USER=m

CONFIG_XFRM_USER_COMPAT=m

CONFIG_XFRM_INTERFACE=m

CONFIG_XFRM_SUB_POLICY is not set

CONFIG_XFRM_MIGRATE is not set

CONFIG_XFRM_STATISTICS=y

```

CONFIG_XFRM_AH=m
CONFIG_XFRM_ESP=m
CONFIG_XFRM_IPCOMP=m
CONFIG_NET_KEY=m
# CONFIG_NET_KEY_MIGRATE is not set
CONFIG_XFRM_ESPINTCP=y
CONFIG_SMC=m
CONFIG_SMC_DIAG=m
CONFIG_XDP_SOCKETS=y
CONFIG_XDP_SOCKETS_DIAG=m
CONFIG_NET_HANDSHAKE=y
CONFIG_INET=y
CONFIG_IP_MULTICAST=y
CONFIG_IP_ADVANCED_ROUTER=y
CONFIG_IP_FIB_TRIE_STATS=y
CONFIG_IP_MULTIPLE_TABLES=y
CONFIG_IP_ROUTE_MULTIPATH=y
CONFIG_IP_ROUTE_VERBOSE=y
CONFIG_IP_ROUTE_CLASSID=y
# CONFIG_IP_PNP is not set
CONFIG_NET_IPIP=m
CONFIG_NET_IPGRE_DEMUX=m
CONFIG_NET_IP_TUNNEL=m
CONFIG_NET_IPGRE=m
CONFIG_NET_IPGRE_BROADCAST=y
CONFIG_IP_MROUTE_COMMON=y
CONFIG_IP_MROUTE=y

```

BKM

```

CONFIG_IP_MROUTE_MULTIPLE_TABLES=y
CONFIG_IP_PIMSM_V1=y
CONFIG_IP_PIMSM_V2=y
CONFIG_SYN_COOKIES=y
CONFIG_NET_IPVTI=m
CONFIG_NET_UDP_TUNNEL=m
CONFIG_NET_FOU=m
CONFIG_NET_FOU_IP_TUNNELS=y
CONFIG_INET_AH=m
CONFIG_INET_ESP=m
CONFIG_INET_ESP_OFFLOAD=m
CONFIG_INET_ESPINTCP=y
CONFIG_INET_IPCOMP=m
CONFIG_INET_TABLE_PERTURB_ORDER=16
CONFIG_INET_XFRM_TUNNEL=m
CONFIG_INET_TUNNEL=m
CONFIG_INET_DIAG=m
CONFIG_INET_TCP_DIAG=m
CONFIG_INET_UDP_DIAG=m
CONFIG_INET_RAW_DIAG=m
CONFIG_INET_DIAG_DESTROY=y
CONFIG_TCP_CONG_ADVANCED=y
CONFIG_TCP_CONG_BIC=m
CONFIG_TCP_CONG_CUBIC=y
CONFIG_TCP_CONG_WESTWOOD=m
CONFIG_TCP_CONG_HTCP=m
CONFIG_TCP_CONG_HSTCP=m

```

```

CONFIG_TCP_CONG_HYBLA=m
CONFIG_TCP_CONG_VEGAS=m
CONFIG_TCP_CONG_NV=m
CONFIG_TCP_CONG_SCALABLE=m
CONFIG_TCP_CONG_LP=m
CONFIG_TCP_CONG_VENO=m
CONFIG_TCP_CONG_YEAH=m
CONFIG_TCP_CONG_ILLINOIS=m
CONFIG_TCP_CONG_DCTCP=m
CONFIG_TCP_CONG_CDG=m
CONFIG_TCP_CONG_BBR=m
CONFIG_DEFAULT_CUBIC=y
# CONFIG_DEFAULT_RENO is not set
CONFIG_DEFAULT_TCP_CONG="cubic"
CONFIG_TCP_SIGPOOL=y
# CONFIG_TCP_AO is not set
CONFIG_TCP_MD5SIG=y
CONFIG_IPV6=y
CONFIG_IPV6_ROUTER_PREF=y
CONFIG_IPV6_ROUTE_INFO=y
# CONFIG_IPV6_OPTIMISTIC_DAD is not set
CONFIG_INET6_AH=m
CONFIG_INET6_ESP=m
CONFIG_INET6_ESP_OFFLOAD=m
CONFIG_INET6_ESPINTCP=y
CONFIG_INET6_IPCOMP=m
CONFIG_IPV6_MIP6=m

```

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```

CONFIG_IPV6_ILA=m
CONFIG_INET6_XFRM_TUNNEL=m
CONFIG_INET6_TUNNEL=m
CONFIG_IPV6_VTI=m
CONFIG_IPV6_SIT=m
CONFIG_IPV6_SIT_6RD=y
CONFIG_IPV6_NDISC_NODETYPE=y
CONFIG_IPV6_TUNNEL=m
CONFIG_IPV6_GRE=m
CONFIG_IPV6_FOU=m
CONFIG_IPV6_FOU_TUNNEL=m
CONFIG_IPV6_MULTIPLE_TABLES=y
CONFIG_IPV6_SUBTREES=y
CONFIG_IPV6_MROUTE=y
CONFIG_IPV6_MROUTE_MULTIPLE_TABLES=y
CONFIG_IPV6_PIMSM_V2=y
CONFIG_IPV6_SEG6_LWTUNNEL=y
CONFIG_IPV6_SEG6_HMAC=y
CONFIG_IPV6_SEG6_BPF=y
# CONFIG_IPV6_RPL_LWTUNNEL is not set
# CONFIG_IPV6_IOAM6_LWTUNNEL is not set
CONFIG_NETLABEL=y
CONFIG_MPTCP=y
CONFIG_INET_MPTCP_DIAG=m
CONFIG_MPTCP_IPV6=y
CONFIG_NETWORK_SECMARK=y
CONFIG_NET_PTP_CLASSIFY=y

```

```

CONFIG_NETWORK_PHY_TIMESTAMPING=y

CONFIG_NETFILTER=y

CONFIG_NETFILTER_ADVANCED=y

CONFIG_BRIDGE_NETFILTER=m


#

# Core Netfilter Configuration
#

CONFIG_NETFILTER_INGRESS=y
CONFIG_NETFILTER_EGRESS=y
CONFIG_NETFILTER_SKIP_EGRESS=y
CONFIG_NETFILTER_NETLINK=m
CONFIG_NETFILTER_FAMILY_BRIDGE=y
CONFIG_NETFILTER_FAMILY_ARP=y
CONFIG_NETFILTER_BPF_LINK=y
# CONFIG_NETFILTER_NETLINK_HOOK is not set
CONFIG_NETFILTER_NETLINK_ACCT=m
CONFIG_NETFILTER_NETLINK_QUEUE=m
CONFIG_NETFILTER_NETLINK_LOG=m
CONFIG_NETFILTER_NETLINK_OSF=m
CONFIG_NF_CONNTRACK=m
CONFIG_NF_LOG_SYSLOG=m
CONFIG_NETFILTER_CONNCOUNT=m
CONFIG_NF_CONNTRACK_MARK=y
CONFIG_NF_CONNTRACK_SECMARK=y
CONFIG_NF_CONNTRACK_ZONES=y
# CONFIG_NF_CONNTRACK_PROCFS is not set

```


BKM

```

CONFIG_NF_CONNTRACK_EVENTS=y
CONFIG_NF_CONNTRACK_TIMEOUT=y
CONFIG_NF_CONNTRACK_TIMESTAMP=y
CONFIG_NF_CONNTRACK_LABELS=y
CONFIG_NF_CONNTRACK_OVS=y
CONFIG_NF_CT_PROTO_DCCP=y
CONFIG_NF_CT_PROTO_GRE=y
CONFIG_NF_CT_PROTO_SCTP=y
CONFIG_NF_CT_PROTO_UDPLITE=y
CONFIG_NF_CONNTRACK_AMANDA=m
CONFIG_NF_CONNTRACK_FTP=m
CONFIG_NF_CONNTRACK_H323=m
CONFIG_NF_CONNTRACK_IRC=m
CONFIG_NF_CONNTRACK_BROADCAST=m
CONFIG_NF_CONNTRACK_NETBIOS_NS=m
CONFIG_NF_CONNTRACK_SNMP=m
CONFIG_NF_CONNTRACK_PPTP=m
CONFIG_NF_CONNTRACK_SANE=m
CONFIG_NF_CONNTRACK_SIP=m
CONFIG_NF_CONNTRACK_TFTP=m
CONFIG_NF_CT_NETLINK=m
CONFIG_NF_CT_NETLINK_TIMEOUT=m
CONFIG_NF_CT_NETLINK_HELPER=m
CONFIG_NETFILTER_NETLINK_GLUE_CT=y
CONFIG_NF_NAT=m
CONFIG_NF_NAT_AMANDA=m
CONFIG_NF_NAT_FTP=m

```

```

CONFIG_NF_NAT_IRC=m
CONFIG_NF_NAT_SIP=m
CONFIG_NF_NAT_TFTP=m
CONFIG_NF_NAT_REDIRECT=y
CONFIG_NF_NAT_MASQUERADE=y
CONFIG_NF_NAT_OVS=y
CONFIG_NETFILTER_SYNPROXY=m
CONFIG_NF_TABLES=m
CONFIG_NF_TABLES_INET=y
CONFIG_NF_TABLES_NETDEV=y
CONFIG_NFT_NUMGEN=m
CONFIG_NFT_CT=m
CONFIG_NFT_FLOW_OFFLOAD=m
CONFIG_NFT_CONNLIMIT=m
CONFIG_NFT_LOG=m
CONFIG_NFT_LIMIT=m
CONFIG_NFT_MASQ=m
CONFIG_NFT_REDIR=m
CONFIG_NFT_NAT=m
CONFIG_NFT_TUNNEL=m
CONFIG_NFT_QUEUE=m
CONFIG_NFT_QUOTA=m
CONFIG_NFT_REJECT=m
CONFIG_NFT_REJECT_INET=m
CONFIG_NFT_COMPAT=m
CONFIG_NFT_HASH=m
CONFIG_NFT_FIB=m

```

BKM

```

CONFIG_NFT_FIB_INET=m
CONFIG_NFT_XFRM=m
CONFIG_NFT_SOCKET=m
CONFIG_NFT_OSF=m
CONFIG_NFT_TPROXY=m
CONFIG_NFT_SYNPROXY=m
CONFIG_NF_DUP_NETDEV=m
CONFIG_NFT_DUP_NETDEV=m
CONFIG_NFT_FWD_NETDEV=m
CONFIG_NFT_FIB_NETDEV=m
CONFIG_NFT_REJECT_NETDEV=m
CONFIG_NF_FLOW_TABLE_INET=m
CONFIG_NF_FLOW_TABLE=m
# CONFIG_NF_FLOW_TABLE_PROCFS is not set
CONFIG_NETFILTER_XTABLES=m
CONFIG_NETFILTER_XTABLES_COMPAT=y

#
# Xtables combined modules
#
CONFIG_NETFILTER_XT_MARK=m
CONFIG_NETFILTER_XT_CONNMARK=m
CONFIG_NETFILTER_XT_SET=m

#
# Xtables targets
#

```

```

CONFIG_NETFILTER_XT_TARGET_AUDIT=m
CONFIG_NETFILTER_XT_TARGET_CHECKSUM=m
CONFIG_NETFILTER_XT_TARGET_CLASSIFY=m
CONFIG_NETFILTER_XT_TARGET_CONNMARK=m
CONFIG_NETFILTER_XT_TARGET_CONNSECMARK=m
CONFIG_NETFILTER_XT_TARGET_CT=m
CONFIG_NETFILTER_XT_TARGET_DSCP=m
CONFIG_NETFILTER_XT_TARGET_HL=m
CONFIG_NETFILTER_XT_TARGET_HMARK=m
CONFIG_NETFILTER_XT_TARGET_IDLETIMER=m
CONFIG_NETFILTER_XT_TARGET_LED=m
CONFIG_NETFILTER_XT_TARGET_LOG=m
CONFIG_NETFILTER_XT_TARGET_MARK=m
CONFIG_NETFILTER_XT_NAT=m
CONFIG_NETFILTER_XT_TARGET_NETMAP=m
CONFIG_NETFILTER_XT_TARGET_NFLOG=m
CONFIG_NETFILTER_XT_TARGET_NFQUEUE=m
# CONFIG_NETFILTER_XT_TARGET_NOTRACK is not set
CONFIG_NETFILTER_XT_TARGET_RATEEST=m
CONFIG_NETFILTER_XT_TARGET_REDIRECT=m
CONFIG_NETFILTER_XT_TARGET_MASQUERADE=m
CONFIG_NETFILTER_XT_TARGET_TEE=m
CONFIG_NETFILTER_XT_TARGET_TPROXY=m
CONFIG_NETFILTER_XT_TARGET_TRACE=m
CONFIG_NETFILTER_XT_TARGET_SECMARK=m
CONFIG_NETFILTER_XT_TARGET_TCPMSS=m
CONFIG_NETFILTER_XT_TARGET_TCPOPTSTRIP=m

```

```
#  
# Xtables matches  
#  
CONFIG_NETFILTER_XT_MATCH_ADDRTYPE=m  
CONFIG_NETFILTER_XT_MATCH_BPF=m  
CONFIG_NETFILTER_XT_MATCH_CGROUP=m  
CONFIG_NETFILTER_XT_MATCH_CLUSTER=m  
CONFIG_NETFILTER_XT_MATCH_COMMENT=m  
CONFIG_NETFILTER_XT_MATCH_CONNBYTES=m  
CONFIG_NETFILTER_XT_MATCH_CONNLABEL=m  
CONFIG_NETFILTER_XT_MATCH_CONNLIMIT=m  
CONFIG_NETFILTER_XT_MATCH_CONNMARK=m  
CONFIG_NETFILTER_XT_MATCH_CONNTRACK=m  
CONFIG_NETFILTER_XT_MATCH_CPU=m  
CONFIG_NETFILTER_XT_MATCH_DCCP=m  
CONFIG_NETFILTER_XT_MATCH_DEVGROUP=m  
CONFIG_NETFILTER_XT_MATCH_DSCP=m  
CONFIG_NETFILTER_XT_MATCH_ECN=m  
CONFIG_NETFILTER_XT_MATCH_ESP=m  
CONFIG_NETFILTER_XT_MATCH_HASHLIMIT=m  
CONFIG_NETFILTER_XT_MATCH_HELPER=m  
CONFIG_NETFILTER_XT_MATCH_HL=m  
CONFIG_NETFILTER_XT_MATCH_IPCOMP=m  
CONFIG_NETFILTER_XT_MATCH_IPRANGE=m  
CONFIG_NETFILTER_XT_MATCH_IPVS=m  
CONFIG_NETFILTER_XT_MATCH_L2TP=m
```

```

CONFIG_NETFILTER_XT_MATCH_LENGTH=m
CONFIG_NETFILTER_XT_MATCH_LIMIT=m
CONFIG_NETFILTER_XT_MATCH_MAC=m
CONFIG_NETFILTER_XT_MATCH_MARK=m
CONFIG_NETFILTER_XT_MATCH_MULTIPORT=m
CONFIG_NETFILTER_XT_MATCH_NFACCT=m
CONFIG_NETFILTER_XT_MATCH_OSF=m
CONFIG_NETFILTER_XT_MATCH_OWNER=m
CONFIG_NETFILTER_XT_MATCH_POLICY=m
CONFIG_NETFILTER_XT_MATCH_PHYSDEV=m
CONFIG_NETFILTER_XT_MATCH_PKTTYPE=m
CONFIG_NETFILTER_XT_MATCH_QUOTA=m
CONFIG_NETFILTER_XT_MATCH_RATEEST=m
CONFIG_NETFILTER_XT_MATCH_REALM=m
CONFIG_NETFILTER_XT_MATCH_RECENT=m
CONFIG_NETFILTER_XT_MATCH_SCTP=m
CONFIG_NETFILTER_XT_MATCH_SOCKET=m
CONFIG_NETFILTER_XT_MATCH_STATE=m
CONFIG_NETFILTER_XT_MATCH_STATISTIC=m
CONFIG_NETFILTER_XT_MATCH_STRING=m
CONFIG_NETFILTER_XT_MATCH_TCPMSS=m
CONFIG_NETFILTER_XT_MATCH_TIME=m
CONFIG_NETFILTER_XT_MATCH_U32=m

# end of Core Netfilter Configuration

CONFIG_IP_SET=m
CONFIG_IP_SET_MAX=256

```

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```

CONFIG_IP_SET_BITMAP_IP=m
CONFIG_IP_SET_BITMAP_IPMAC=m
CONFIG_IP_SET_BITMAP_PORT=m
CONFIG_IP_SET_HASH_IP=m
CONFIG_IP_SET_HASH_IPMARK=m
CONFIG_IP_SET_HASH_IPPORT=m
CONFIG_IP_SET_HASH_IPPORTIP=m
CONFIG_IP_SET_HASH_IPPORTNET=m
CONFIG_IP_SET_HASH_IPMAC=m
CONFIG_IP_SET_HASH_MAC=m
CONFIG_IP_SET_HASH_NETPORTNET=m
CONFIG_IP_SET_HASH_NET=m
CONFIG_IP_SET_HASH_NETNET=m
CONFIG_IP_SET_HASH_NETPORT=m
CONFIG_IP_SET_HASH_NETIFACE=m
CONFIG_IP_SET_LIST_SET=m
CONFIG_IP_VS=m
CONFIG_IP_VS_IPV6=y
# CONFIG_IP_VS_DEBUG is not set
CONFIG_IP_VS_TAB_BITS=12

#
# IPVS transport protocol load balancing support
#
CONFIG_IP_VS_PROTO_TCP=y
CONFIG_IP_VS_PROTO_UDP=y
CONFIG_IP_VS_PROTO_AH_ESP=y

```

```

CONFIG_IP_VS_PROTO_ESP=y

CONFIG_IP_VS_PROTO_AH=y

CONFIG_IP_VS_PROTO_SCTP=y


#

# IPVS scheduler

#

CONFIG_IP_VS_RR=m

CONFIG_IP_VS_WRR=m

CONFIG_IP_VS_LC=m

CONFIG_IP_VS_WLC=m

CONFIG_IP_VS_FO=m

CONFIG_IP_VS_OVF=m

CONFIG_IP_VS_LBLC=m

CONFIG_IP_VS_LBLCR=m

CONFIG_IP_VS_DH=m

CONFIG_IP_VS_SH=m

CONFIG_IP_VS_MH=m

CONFIG_IP_VS_SED=m

CONFIG_IP_VS_NQ=m

CONFIG_IP_VS_TWOS=m


#

# IPVS SH scheduler

#

CONFIG_IP_VS_SH_TAB_BITS=8

```


BKM

```
#
# IPVS MH scheduler
#
CONFIG_IP_VS_MH_TAB_INDEX=12

#
# IPVS application helper
#
CONFIG_IP_VS_FTP=m
CONFIG_IP_VS_NFCT=y
CONFIG_IP_VS_PE_SIP=m

#
# IP: Netfilter Configuration
#
CONFIG_NF_DEFRAG_IPV4=m
CONFIG_IP_NF_IPTABLES_LEGACY=m
CONFIG_NF_SOCKET_IPV4=m
CONFIG_NF_TPROXY_IPV4=m
CONFIG_NF_TABLES_IPV4=y
CONFIG_NFT_REJECT_IPV4=m
CONFIG_NFT_DUP_IPV4=m
CONFIG_NFT_FIB_IPV4=m
CONFIG_NF_TABLES_ARP=y
CONFIG_NF_DUP_IPV4=m
CONFIG_NF_LOG_ARP=m
CONFIG_NF_LOG_IPV4=m
```

```

CONFIG_NF_REJECT_IPV4=m
CONFIG_NF_NAT_SNMP_BASIC=m
CONFIG_NF_NAT_PPTP=m
CONFIG_NF_NAT_H323=m
CONFIG_IP_NF_IPTABLES=m
CONFIG_IP_NF_MATCH_AH=m
CONFIG_IP_NF_MATCH_ECN=m
CONFIG_IP_NF_MATCH_RPFILTER=m
CONFIG_IP_NF_MATCH_TTL=m
CONFIG_IP_NF_FILTER=m
CONFIG_IP_NF_TARGET_REJECT=m
CONFIG_IP_NF_TARGET_SYNPROXY=m
CONFIG_IP_NF_NAT=m
CONFIG_IP_NF_TARGET_MASQUERADE=m
CONFIG_IP_NF_TARGET_NETMAP=m
CONFIG_IP_NF_TARGET_REDIRECT=m
CONFIG_IP_NF_MANGLE=m
CONFIG_IP_NF_TARGET_ECN=m
CONFIG_IP_NF_TARGET_TTL=m
CONFIG_IP_NF_RAW=m
CONFIG_IP_NF_SECURITY=m
CONFIG_IP_NF_ARPTABLES=m
CONFIG_NFT_COMPAT_ARP=m
CONFIG_IP_NF_ARPFILTER=m
CONFIG_IP_NF_ARP_MANGLE=m
# end of IP: Netfilter Configuration

```

BKM

```
#
# IPv6: Netfilter Configuration
#
CONFIG_IP6_NF_IPTABLES_LEGACY=m
CONFIG_NF_SOCKET_IPV6=m
CONFIG_NF_TPROXY_IPV6=m
CONFIG_NF_TABLES_IPV6=y
CONFIG_NFT_REJECT_IPV6=m
CONFIG_NFT_DUP_IPV6=m
CONFIG_NFT_FIB_IPV6=m
CONFIG_NF_DUP_IPV6=m
CONFIG_NF_REJECT_IPV6=m
CONFIG_NF_LOG_IPV6=m
CONFIG_IP6_NF_IPTABLES=m
CONFIG_IP6_NF_MATCH_AH=m
CONFIG_IP6_NF_MATCH_EUI64=m
CONFIG_IP6_NF_MATCH_FRAG=m
CONFIG_IP6_NF_MATCH_OPTS=m
CONFIG_IP6_NF_MATCH_HL=m
CONFIG_IP6_NF_MATCH_IPV6HEADER=m
CONFIG_IP6_NF_MATCH_MH=m
CONFIG_IP6_NF_MATCH_RPFILTER=m
CONFIG_IP6_NF_MATCH_RT=m
CONFIG_IP6_NF_MATCH_SRH=m
CONFIG_IP6_NF_TARGET_HL=m
CONFIG_IP6_NF_FILTER=m
CONFIG_IP6_NF_TARGET_REJECT=m
```

```
CONFIG_IP6_NF_TARGET_SYNPROXY=m
CONFIG_IP6_NF_MANGLE=m
CONFIG_IP6_NF_RAW=m
CONFIG_IP6_NF_SECURITY=m
CONFIG_IP6_NF_NAT=m
CONFIG_IP6_NF_TARGET_MASQUERADE=m
CONFIG_IP6_NF_TARGET_NPT=m
# end of IPv6: Netfilter Configuration
```

```
CONFIG_NF_DEFRAG_IPV6=m
CONFIG_NF_TABLES_BRIDGE=m
CONFIG_NFT_BRIDGE_META=m
CONFIG_NFT_BRIDGE_REJECT=m
CONFIG_NF_CONNTRACK_BRIDGE=m
CONFIG_BRIDGE_NF_EBTABLES_LEGACY=m
CONFIG_BRIDGE_NF_EBTABLES=m
CONFIG_BRIDGE_EBT_BROUTE=m
CONFIG_BRIDGE_EBT_T_FILTER=m
CONFIG_BRIDGE_EBT_T_NAT=m
CONFIG_BRIDGE_EBT_802_3=m
CONFIG_BRIDGE_EBT_AMONG=m
CONFIG_BRIDGE_EBT_ARP=m
CONFIG_BRIDGE_EBT_IP=m
CONFIG_BRIDGE_EBT_IP6=m
CONFIG_BRIDGE_EBT_LIMIT=m
CONFIG_BRIDGE_EBT_MARK=m
CONFIG_BRIDGE_EBT_PKTTYPE=m
```

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```

CONFIG_BRIDGE_EBT_STP=m
CONFIG_BRIDGE_EBT_VLAN=m
CONFIG_BRIDGE_EBT_ARPREPLY=m
CONFIG_BRIDGE_EBT_DNAT=m
CONFIG_BRIDGE_EBT_MARK_T=m
CONFIG_BRIDGE_EBT_REDIRECT=m
CONFIG_BRIDGE_EBT_SNAT=m
CONFIG_BRIDGE_EBT_LOG=m
CONFIG_BRIDGE_EBT_NFLOG=m
CONFIG_IP_DCCP=m
CONFIG_INET_DCCP_DIAG=m

#
# DCCP CCIDs Configuration
#
# CONFIG_IP_DCCP_CCID2_DEBUG is not set
# CONFIG_IP_DCCP_CCID3 is not set
# end of DCCP CCIDs Configuration

#
# DCCP Kernel Hacking
#
# CONFIG_IP_DCCP_DEBUG is not set
# end of DCCP Kernel Hacking

CONFIG_IP_SCTP=m
# CONFIG_SCTP_DBG_OBJCNT is not set

```

```
# CONFIG_SCTP_DEFAULT_COOKIE_HMAC_MD5 is not set

CONFIG_SCTP_DEFAULT_COOKIE_HMAC_SHA1=y

# CONFIG_SCTP_DEFAULT_COOKIE_HMAC_NONE is not set

CONFIG_SCTP_COOKIE_HMAC_MD5=y

CONFIG_SCTP_COOKIE_HMAC_SHA1=y

CONFIG_INET_SCTP_DIAG=m

CONFIG_RDS=m

CONFIG_RDS_RDMA=m

CONFIG_RDS_TCP=m

# CONFIG_RDS_DEBUG is not set

CONFIG_TIPC=m

CONFIG_TIPC_MEDIA_IB=y

CONFIG_TIPC_MEDIA_UDP=y

CONFIG_TIPC_CRYPT=y

CONFIG_TIPC_DIAG=m

CONFIG_ATM=m

CONFIG_ATM_CLIP=m

# CONFIG_ATM_CLIP_NO_ICMP is not set

CONFIG_ATM_LANE=m

CONFIG_ATM_MPOA=m

CONFIG_ATM_BR2684=m

# CONFIG_ATM_BR2684_IPFILTER is not set

CONFIG_L2TP=m

CONFIG_L2TP_DEBUGFS=m

CONFIG_L2TP_V3=y

CONFIG_L2TP_IP=m

CONFIG_L2TP_ETH=m
```

BKM

```

CONFIG_STP=m
CONFIG_GARP=m
CONFIG_MRP=m
CONFIG_BRIDGE=m
CONFIG_BRIDGE_IGMP_SNOOPING=y
CONFIG_BRIDGE_VLAN_FILTERING=y
CONFIG_BRIDGE_MRP=y
CONFIG_BRIDGE_CFM=y
CONFIG_NET_DSA=m
CONFIG_NET_DSA_TAG_NONE=m
CONFIG_NET_DSA_TAG_AR9331=m
CONFIG_NET_DSA_TAG_BRCM_COMMON=m
CONFIG_NET_DSA_TAG_BRCM=m
CONFIG_NET_DSA_TAG_BRCM_LEGACY=m
CONFIG_NET_DSA_TAG_BRCM_PREPEND=m
CONFIG_NET_DSA_TAG_HELLCREAK=m
CONFIG_NET_DSA_TAG_GSWIP=m
CONFIG_NET_DSA_TAG_DSA_COMMON=m
CONFIG_NET_DSA_TAG_DSA=m
CONFIG_NET_DSA_TAG_EDSA=m
CONFIG_NET_DSA_TAG_MTK=m
CONFIG_NET_DSA_TAG_KSZ=m
CONFIG_NET_DSA_TAG_OCELOT=m
CONFIG_NET_DSA_TAG_OCELOT_8021Q=m
CONFIG_NET_DSA_TAG_QCA=m
CONFIG_NET_DSA_TAG_RTL4_A=m
# CONFIG_NET_DSA_TAG_RTL8_4 is not set

```

```
# CONFIG_NET_DSA_TAG_RZN1_A5PSW is not set

CONFIG_NET_DSA_TAG_LAN9303=m

CONFIG_NET_DSA_TAG_SJA1105=m

CONFIG_NET_DSA_TAG_TRAILER=m

CONFIG_NET_DSA_TAG_XRS700X=m

CONFIG_VLAN_8021Q=m

CONFIG_VLAN_8021Q_GVRP=y

CONFIG_VLAN_8021Q_MVRP=y

CONFIG_LL2=m

CONFIG_LL2=m

CONFIG_ATALK=m

CONFIG_X25=m

CONFIG_LAPB=m

CONFIG_PHONET=m

CONFIG_6LOWPAN=m

# CONFIG_6LOWPAN_DEBUGFS is not set

CONFIG_6LOWPAN_NHC=m

CONFIG_6LOWPAN_NHC_DEST=m

CONFIG_6LOWPAN_NHC_FRAGMENT=m

CONFIG_6LOWPAN_NHC_HOP=m

CONFIG_6LOWPAN_NHC_IPV6=m

CONFIG_6LOWPAN_NHC_MOBILITY=m

CONFIG_6LOWPAN_NHC_ROUTING=m

CONFIG_6LOWPAN_NHC_UDP=m

# CONFIG_6LOWPAN_GHC_EXT_HDR_HOP is not set

# CONFIG_6LOWPAN_GHC_UDP is not set

# CONFIG_6LOWPAN_GHC_ICMPV6 is not set
```


BKM

```
# CONFIG_6LOWPAN_GHC_EXT_HDR_DEST is not set
# CONFIG_6LOWPAN_GHC_EXT_HDR_FRAG is not set
# CONFIG_6LOWPAN_GHC_EXT_HDR_ROUTE is not set
CONFIG_IEEE802154=m
# CONFIG_IEEE802154_NL802154_EXPERIMENTAL is not set
CONFIG_IEEE802154_SOCKET=m
CONFIG_IEEE802154_6LOWPAN=m
CONFIG_MAC802154=m
CONFIG_NET_SCHED=y

#
# Queueing/Scheduling
#
CONFIG_NET_SCH_HTB=m
CONFIG_NET_SCH_HFSC=m
CONFIG_NET_SCH_PRIO=m
CONFIG_NET_SCH_MULTIQ=m
CONFIG_NET_SCH_RED=m
CONFIG_NET_SCH_SFB=m
CONFIG_NET_SCH_SFQ=m
CONFIG_NET_SCH_TEQL=m
CONFIG_NET_SCH_TBF=m
CONFIG_NET_SCH_CBS=m
CONFIG_NET_SCH_ETF=m
CONFIG_NET_SCH_MQPRIO_LIB=m
CONFIG_NET_SCH_TAPRIO=m
CONFIG_NET_SCH_GRED=m
```

```

CONFIG_NET_SCH_NETEM=m
CONFIG_NET_SCH_DRR=m
CONFIG_NET_SCH_MQPRIO=m
CONFIG_NET_SCH_SKBPRIO=m
CONFIG_NET_SCH_CHOKE=m
CONFIG_NET_SCH_QFQ=m
CONFIG_NET_SCH_CODEL=m
CONFIG_NET_SCH_FQ_CODEL=m
CONFIG_NET_SCH_CAKE=m
CONFIG_NET_SCH_FQ=m
CONFIG_NET_SCH_HHF=m
CONFIG_NET_SCH_PIE=m
CONFIG_NET_SCH_FQ_PIE=m
CONFIG_NET_SCH_INGRESS=m
CONFIG_NET_SCH_PLUG=m
CONFIG_NET_SCH_ETS=m
# CONFIG_NET_SCH_DEFAULT is not set

#
# Classification
#
CONFIG_NET_CLS=y
CONFIG_NET_CLS_BASIC=m
CONFIG_NET_CLS_ROUTE4=m
CONFIG_NET_CLS_FW=m
CONFIG_NET_CLS_U32=m
# CONFIG_CLS_U32_PERF is not set

```

BKM

```

CONFIG_CLS_U32_MARK=y
CONFIG_NET_CLS_FLOW=m
CONFIG_NET_CLS_CGROUP=m
CONFIG_NET_CLS_BPF=m
CONFIG_NET_CLS_FLOWER=m
CONFIG_NET_CLS_MATCHALL=m
CONFIG_NET_EMATCH=y
CONFIG_NET_EMATCH_STACK=32
CONFIG_NET_EMATCH_CMP=m
CONFIG_NET_EMATCH_NBYTE=m
CONFIG_NET_EMATCH_U32=m
CONFIG_NET_EMATCH_META=m
CONFIG_NET_EMATCH_TEXT=m
CONFIG_NET_EMATCH_CANID=m
CONFIG_NET_EMATCH_IPSET=m
CONFIG_NET_EMATCH_IPT=m
CONFIG_NET_CLS_ACT=y
CONFIG_NET_ACT_POLICE=m
CONFIG_NET_ACT_GACT=m
CONFIG_GACT_PROB=y
CONFIG_NET_ACT_MIRRED=m
CONFIG_NET_ACT_SAMPLE=m
CONFIG_NET_ACT_NAT=m
CONFIG_NET_ACT_PEDIT=m
CONFIG_NET_ACT_SIMP=m
CONFIG_NET_ACT_SKBEDIT=m
CONFIG_NET_ACT_CSUM=m

```

```

CONFIG_NET_ACT_MPLS=m
CONFIG_NET_ACT_VLAN=m
CONFIG_NET_ACT_BPF=m
CONFIG_NET_ACT_CONNMARK=m
CONFIG_NET_ACT_CTINFO=m
CONFIG_NET_ACT_SKBMOD=m
# CONFIG_NET_ACT_IFE is not set
CONFIG_NET_ACT_TUNNEL_KEY=m
CONFIG_NET_ACT_CT=m
CONFIG_NET_ACT_GATE=m
CONFIG_NET_TC_SKB_EXT=y
CONFIG_NET_SCH_FIFO=y
CONFIG_DCB=y
CONFIG_DNS_RESOLVER=y
CONFIG_BATMAN_ADV=m
# CONFIG_BATMAN_ADV_BATMAN_V is not set
CONFIG_BATMAN_ADV_BLA=y
CONFIG_BATMAN_ADV_DAT=y
CONFIG_BATMAN_ADV_NC=y
CONFIG_BATMAN_ADV_MCAST=y
# CONFIG_BATMAN_ADV_DEBUG is not set
# CONFIG_BATMAN_ADV_TRACING is not set
CONFIG_OPENVSWITCH=m
CONFIG_OPENVSWITCH_GRE=m
CONFIG_OPENVSWITCH_VXLAN=m
CONFIG_OPENVSWITCH_GENEVE=m
CONFIG_VSOCKETS=m

```

BKM

```

CONFIG_VSOCKETS_DIAG=m
CONFIG_VSOCKETS_LOOPBACK=m
CONFIG_VMWARE_VMCI_VSOCKETS=m
CONFIG_VIRTIO_VSOCKETS=m
CONFIG_VIRTIO_VSOCKETS_COMMON=m
CONFIG_HYPERV_VSOCKETS=m
CONFIG_NETLINK_DIAG=m
CONFIG_MPLS=y
CONFIG_NET_MPLS_GSO=m
CONFIG_MPLS_ROUTING=m
CONFIG_MPLS_IPTUNNEL=m
CONFIG_NET_NSH=m
CONFIG_HSR=m
CONFIG_NET_SWITCHDEV=y
CONFIG_NET_L3_MASTER_DEV=y
CONFIG_QRTR=m
CONFIG_QRTR_SMD=m
CONFIG_QRTR_TUN=m
CONFIG_QRTR_MHI=m
CONFIG_NET_NCSI=y
CONFIG_NCSI_OEM_CMD_GET_MAC=y
# CONFIG_NCSI_OEM_CMD_KEEP_PHY is not set
CONFIG_PCPU_DEV_REFCNT=y
CONFIG_MAX_SKB_FRAGS=17
CONFIG_RPS=y
CONFIG_RFS_ACCEL=y
CONFIG_SOCK_RX_QUEUE_MAPPING=y

```

```
CONFIG_XPS=y
CONFIG_CGROUP_NET_PRIO=y
CONFIG_CGROUP_NET_CLASSID=y
CONFIG_NET_RX_BUSY_POLL=y
CONFIG_BQL=y
CONFIG_BPF_STREAM_PARSER=y
CONFIG_NET_FLOW_LIMIT=y
```

```
#
# Network testing
#
CONFIG_NET_PKTGEN=m
CONFIG_NET_DROP_MONITOR=y
# end of Network testing
# end of Networking options
```

```
CONFIG_HAMRADIO=y

#
# Packet Radio protocols
#
CONFIG_AX25=m
CONFIG_AX25_DAMA_SLAVE=y
CONFIG_NETROM=m
CONFIG_ROSE=m
```

```
#
```

BKM

```
# AX.25 network device drivers

#

CONFIG_MKISS=m

CONFIG_6PACK=m

CONFIG_BPQETHER=m

CONFIG_BAYCOM_SER_FDX=m

CONFIG_BAYCOM_SER_HDX=m

CONFIG_BAYCOM_PAR=m

CONFIG_YAM=m

# end of AX.25 network device drivers


CONFIG_CAN=m

CONFIG_CAN_RAW=m

CONFIG_CAN_BCM=m

CONFIG_CAN_GW=m

CONFIG_CAN_J1939=m

CONFIG_CAN_ISOTP=m

CONFIG_BT=m

CONFIG_BT_BREDR=y

CONFIG_BT_RFCOMM=m

CONFIG_BT_RFCOMM_TTY=y

CONFIG_BT_BNEP=m

CONFIG_BT_BNEP_MC_FILTER=y

CONFIG_BT_BNEP_PROTO_FILTER=y

CONFIG_BT_CMTP=m

CONFIG_BT_HIDP=m

CONFIG_BT_LE=y
```

```

CONFIG_BT_LE_L2CAP_ECRE=y
CONFIG_BT_6LOWPAN=m
CONFIG_BT_LEDS=y
CONFIG_BT_MSFTTEXT=y
# CONFIG_BT_AOSPEXT is not set
CONFIG_BT_DEBUGFS=y
# CONFIG_BT_SELFTEST is not set

#

# Bluetooth device drivers

#

CONFIG_BT_INTEL=m
CONFIG_BT_BCM=m
CONFIG_BT_RTL=m
CONFIG_BT_QCA=m
CONFIG_BT_MTK=m
CONFIG_BT_HCIBTUSB=m
CONFIG_BT_HCIBTUSB_AUTOSUSPEND=y
CONFIG_BT_HCIBTUSB_POLL_SYNC=y
CONFIG_BT_HCIBTUSB_BCM=y
CONFIG_BT_HCIBTUSB_MTK=y
CONFIG_BT_HCIBTUSB_RTL=y
CONFIG_BT_HCIBTSDIO=m
CONFIG_BT_HCIUART=m
CONFIG_BT_HCIUART_SERDEV=y
CONFIG_BT_HCIUART_H4=y
CONFIG_BT_HCIUART_NOKIA=m

```


BKM

```

CONFIG_BT_HCUIUART_BCSP=y
CONFIG_BT_HCUIUART_ATH3K=y
CONFIG_BT_HCUIUART_LL=y
CONFIG_BT_HCUIUART_3WIRE=y
CONFIG_BT_HCUIUART_INTEL=y
CONFIG_BT_HCUIUART_BCM=y
CONFIG_BT_HCUIUART_RTL=y
CONFIG_BT_HCUIUART_QCA=y
CONFIG_BT_HCUIUART_AG6XX=y
CONFIG_BT_HCUIUART_MRVL=y
CONFIG_BT_HCIBCM203X=m
# CONFIG_BT_HCIBCM4377 is not set
CONFIG_BT_HCIBPA10X=m
CONFIG_BT_HCIBFUSB=m
CONFIG_BT_HCIDTL1=m
CONFIG_BT_HCIBT3C=m
CONFIG_BT_HCIBLUECARD=m
CONFIG_BT_HCIVHCI=m
CONFIG_BT_MRVL=m
CONFIG_BT_MRVL_SDIO=m
CONFIG_BT_ATH3K=m
CONFIG_BT_MTKSDIO=m
CONFIG_BT_MTKUART=m
CONFIG_BT_HCIRSI=m
# CONFIG_BT_VIRTIO is not set
# CONFIG_BT_NXPUART is not set
# end of Bluetooth device drivers

```

```

CONFIG_AF_RXRPC=m

CONFIG_AF_RXRPC_IPV6=y

# CONFIG_AF_RXRPC_INJECT_LOSS is not set

# CONFIG_AF_RXRPC_INJECT_RX_DELAY is not set

# CONFIG_AF_RXRPC_DEBUG is not set

CONFIG_RXKAD=y

# CONFIG_RXPERF is not set

CONFIG_AF_KCM=m

CONFIG_STREAM_PARSER=y

# CONFIG_MCTP is not set

CONFIG_FIB_RULES=y

CONFIG_WIRELESS=y

CONFIG_WIRELESS_EXT=y

CONFIG_WEXT_CORE=y

CONFIG_WEXT_PROC=y

CONFIG_WEXT_SPY=y

CONFIG_WEXT_PRIV=y

CONFIG_CFG80211=m

# CONFIG_NL80211_TESTMODE is not set

# CONFIG_CFG80211_DEVELOPER_WARNINGS is not set

# CONFIG_CFG80211_CERTIFICATION_ONUS is not set

CONFIG_CFG80211_REQUIRE_SIGNED_REGDB=y

CONFIG_CFG80211_USE_KERNEL_REGDB_KEYS=y

CONFIG_CFG80211_DEFAULT_PS=y

CONFIG_CFG80211_DEBUGFS=y

CONFIG_CFG80211_CRDA_SUPPORT=y

```

BKM

```

CONFIG_CFG80211_WEXT=y
CONFIG_CFG80211_WEXT_EXPORT=y
CONFIG_LIB80211=m
CONFIG_LIB80211_CRYPT_WEP=m
CONFIG_LIB80211_CRYPT_CCMP=m
CONFIG_LIB80211_CRYPT_TKIP=m
# CONFIG_LIB80211_DEBUG is not set
CONFIG_MAC80211=m
CONFIG_MAC80211_HAS_RC=y
CONFIG_MAC80211_RC_MINSTREL=y
CONFIG_MAC80211_RC_DEFAULT_MINSTREL=y
CONFIG_MAC80211_RC_DEFAULT="minstrel_ht"
CONFIG_MAC80211_MESH=y
CONFIG_MAC80211_LEDS=y
CONFIG_MAC80211_DEBUGFS=y
CONFIG_MAC80211_MESSAGE_TRACING=y
# CONFIG_MAC80211_DEBUG_MENU is not set
CONFIG_MAC80211_STA_HASH_MAX_SIZE=0
CONFIG_RFKILL=y
CONFIG_RFKILL_LEDS=y
CONFIG_RFKILL_INPUT=y
CONFIG_RFKILL_GPIO=m
CONFIG_NET_9P=m
CONFIG_NET_9P_FD=m
CONFIG_NET_9P_VIRTIO=m
CONFIG_NET_9P_XEN=m
CONFIG_NET_9P_RDMA=m

```

```
# CONFIG_NET_9P_DEBUG is not set

CONFIG_CAIF=m

# CONFIG_CAIF_DEBUG is not set

CONFIG_CAIF_NETDEV=m

CONFIG_CAIF_USB=m

CONFIG_CEPH_LIB=m

# CONFIG_CEPH_LIB_PRETTYDEBUG is not set

CONFIG_CEPH_LIB_USE_DNS_RESOLVER=y

CONFIG_NFC=m

CONFIG_NFC_DIGITAL=m

CONFIG_NFC_NCI=m

CONFIG_NFC_NCI_SPI=m

CONFIG_NFC_NCI_UART=m

CONFIG_NFC_HCI=m

CONFIG_NFC_SHDLC=y


#

# Near Field Communication (NFC) devices

#

CONFIG_NFC_TRF7970A=m

CONFIG_NFC_MEI_PHY=m

CONFIG_NFC_SIM=m

CONFIG_NFC_PORT100=m

CONFIG_NFC_VIRTUAL_NCI=m

CONFIG_NFC_FDP=m

CONFIG_NFC_FDP_I2C=m

CONFIG_NFC_PN544=m
```

BKM

```

CONFIG_NFC_PN544_I2C=m
CONFIG_NFC_PN544_MEI=m
CONFIG_NFC_PN533=m
CONFIG_NFC_PN533_USB=m
CONFIG_NFC_PN533_I2C=m
CONFIG_NFC_PN532_UART=m
CONFIG_NFC_MICROREAD=m
CONFIG_NFC_MICROREAD_I2C=m
CONFIG_NFC_MICROREAD_MEI=m
CONFIG_NFC_MRVL=m
CONFIG_NFC_MRVL_USB=m
CONFIG_NFC_MRVL_UART=m
CONFIG_NFC_MRVL_I2C=m
CONFIG_NFC_MRVL_SPI=m
CONFIG_NFC_ST21NFCA=m
CONFIG_NFC_ST21NFCA_I2C=m
CONFIG_NFC_ST_NCI=m
CONFIG_NFC_ST_NCI_I2C=m
CONFIG_NFC_ST_NCI_SPI=m
CONFIG_NFC_NXP_NCI=m
CONFIG_NFC_NXP_NCI_I2C=m
CONFIG_NFC_S3FWRN5=m
CONFIG_NFC_S3FWRN5_I2C=m
CONFIG_NFC_S3FWRN82_UART=m
CONFIG_NFC_ST95HF=m
# end of Near Field Communication (NFC) devices

```

```
CONFIG_PSAMPLE=m
CONFIG_NET_IFE=m
CONFIG_LWTUNNEL=y
CONFIG_LWTUNNEL_BPF=y
CONFIG_DST_CACHE=y
CONFIG_GRO_CELLS=y
CONFIG_SOCK_VALIDATE_XMIT=y
CONFIG_NET_SELFTESTS=y
CONFIG_NET_SOCK_MSG=y
CONFIG_NET_DEVLINK=y
CONFIG_PAGE_POOL=y
CONFIG_PAGE_POOL_STATS=y
CONFIG_FAILOVER=m
CONFIG_ETHTOOL_NETLINK=y

#
# Device Drivers
#
CONFIG_HAVE_EISA=y
CONFIG_EISA=y
CONFIG_EISA_VLB_PRIMING=y
CONFIG_EISA_PCI_EISA=y
CONFIG_EISA_VIRTUAL_ROOT=y
CONFIG_EISA_NAMES=y
CONFIG_HAVE_PCI=y
CONFIG_GENERIC_PCI_IOMAP=y
CONFIG_PCI=y
```

BKM

```

CONFIG_PCI_DOMAINS=y
CONFIG_PCIEPORTBUS=y
CONFIG_HOTPLUG_PCI_PCIE=y
CONFIG_PCIEAER=y
# CONFIG_PCIEAER_INJECT is not set
CONFIG_PCIEAER_CXL=y
# CONFIG_PCIE_ECRC is not set
CONFIG_PCIEASPM=y
CONFIG_PCIEASPM_DEFAULT=y
# CONFIG_PCIEASPM_POWERSAVE is not set
# CONFIG_PCIEASPM_POWER_SUPERSAVE is not set
# CONFIG_PCIEASPM_PERFORMANCE is not set
CONFIG_PCIE_PME=y
CONFIG_PCIE_DPC=y
CONFIG_PCIE_PTM=y
# CONFIG_PCIE_EDR is not set
CONFIG_PCI_MSI=y
CONFIG_PCI_QUIRKS=y
# CONFIG_PCI_DEBUG is not set
CONFIG_PCI_REALLOC_ENABLE_AUTO=y
CONFIG_PCI_STUB=m
CONFIG_PCI_PF_STUB=m
CONFIG_XEN_PCIDEV_FRONTEND=m
CONFIG_PCI_ATS=y
CONFIG_PCI_DOE=y
CONFIG_PCI_LOCKLESS_CONFIG=y
CONFIG_PCI_IOV=y

```

```

CONFIG_PCI_PRI=y

CONFIG_PCI_PASID=y

# CONFIG_PCI_P2PDMA is not set

CONFIG_PCI_LABEL=y

CONFIG_PCI_HYPERV=m

# CONFIG_PCIE_BUS_TUNE_OFF is not set

CONFIG_PCIE_BUS_DEFAULT=y

# CONFIG_PCIE_BUS_SAFE is not set

# CONFIG_PCIE_BUS_PERFORMANCE is not set

# CONFIG_PCIE_BUS_PEER2PEER is not set

CONFIG_VGA_ARB=y

CONFIG_VGA_ARB_MAX_GPUS=16

CONFIG_HOTPLUG_PCI=y

CONFIG_HOTPLUG_PCI_ACPI=y

CONFIG_HOTPLUG_PCI_ACPI_IBM=m

CONFIG_HOTPLUG_PCI_CPCI=y

CONFIG_HOTPLUG_PCI_CPCI_ZT5550=m

CONFIG_HOTPLUG_PCI_CPCI_GENERIC=m

CONFIG_HOTPLUG_PCI_SHPC=y


#

# PCI controller drivers

#

CONFIG_VMD=m

CONFIG_PCI_HYPERV_INTERFACE=m


#

```


BKM

```
# Cadence-based PCIe controllers
#
# end of Cadence-based PCIe controllers

#
# DesignWare-based PCIe controllers
#
CONFIG_PCIE_DW=y
CONFIG_PCIE_DW_HOST=y
CONFIG_PCIE_DW_EP=y
# CONFIG_PCI_MESON is not set
CONFIG_PCIE_DW_PLAT=y
CONFIG_PCIE_DW_PLAT_HOST=y
CONFIG_PCIE_DW_PLAT_EP=y
# end of DesignWare-based PCIe controllers

#
# Mobiveil-based PCIe controllers
#
# end of Mobiveil-based PCIe controllers
# end of PCI controller drivers

#
# PCI Endpoint
#
CONFIG_PCI_ENDPOINT=y
CONFIG_PCI_ENDPOINT_CONFIGFS=y
```

```
# CONFIG_PCI_EPF_TEST is not set

CONFIG_PCI_EPF_NTB=m

# CONFIG_PCI_EPF_VNTB is not set

# end of PCI Endpoint


#

# PCI switch controller drivers

#

CONFIG_PCI_SW_SWITCHTEC=m

# end of PCI switch controller drivers


CONFIG_CXL_BUS=m

CONFIG_CXL_PCI=m

# CONFIG_CXL_MEM_RAW_COMMANDS is not set

CONFIG_CXL_ACPI=m

CONFIG_CXL_PMEM=m

CONFIG_CXL_MEM=m

CONFIG_CXL_PORT=m

CONFIG_CXL_SUSPEND=y

CONFIG_CXL_REGION=y

# CONFIG_CXL_REGION_INVALIDATION_TEST is not set

CONFIG_PCCARD=m

CONFIG_PCMCIA=m

CONFIG_PCMCIA_LOAD_CIS=y

CONFIG_CARDBUS=y


#
```

BKM

```
# PC-card bridges

#

CONFIG_YENTA=m

CONFIG_YENTA_O2=y

CONFIG_YENTA_RICOH=y

CONFIG_YENTA_TI=y

CONFIG_YENTA_ENE_TUNE=y

CONFIG_YENTA_TOSHIBA=y

CONFIG_PD6729=m

CONFIG_I82092=m

CONFIG_PCCARD_NONSTATIC=y

CONFIG_RAPIDIO=y

CONFIG_RAPIDIO_TSI721=m

CONFIG_RAPIDIO_DISC_TIMEOUT=30

# CONFIG_RAPIDIO_ENABLE_RX_TX_PORTS is not set

CONFIG_RAPIDIO_DMA_ENGINE=y

# CONFIG_RAPIDIO_DEBUG is not set

CONFIG_RAPIDIO_ENUM_BASIC=m

CONFIG_RAPIDIO_CHMAN=m

CONFIG_RAPIDIO_MPORT_CDEV=m


#

# RapidIO Switch drivers

#

CONFIG_RAPIDIO_CPS_XX=m

CONFIG_RAPIDIO_CPS_GEN2=m

CONFIG_RAPIDIO_RXS_GEN3=m
```

```
# end of RapidIO Switch drivers

#

# Generic Driver Options

#

CONFIG_AUXILIARY_BUS=y

CONFIG_UEVENT_HELPER=y

CONFIG_UEVENT_HELPER_PATH=""

CONFIG_DEVTMPFS=y

CONFIG_DEVTMPFS_MOUNT=y

# CONFIG_DEVTMPFS_SAFE is not set

# CONFIG_STANDALONE is not set

CONFIG_PREVENT_FIRMWARE_BUILD=y


#

# Firmware loader

#

CONFIG_FW_LOADER=y

CONFIG_FW_LOADER_DEBUG=y

CONFIG_FW_LOADER_PAGED_BUF=y

CONFIG_FW_LOADER_SYSFS=y

CONFIG_EXTRA_FIRMWARE=""

CONFIG_FW_LOADER_USER_HELPER=y

# CONFIG_FW_LOADER_USER_HELPER_FALLBACK is not set

CONFIG_FW_LOADER_COMPRESS=y

CONFIG_FW_LOADER_COMPRESS_XZ=y

# CONFIG_FW_LOADER_COMPRESS_ZSTD is not set
```

BKM

```

CONFIG_FW_CACHE=y

CONFIG_FW_UPLOAD=y

# end of Firmware loader


CONFIG_WANT_DEV_COREDUMP=y

CONFIG_ALLOW_DEV_COREDUMP=y

CONFIG_DEV_COREDUMP=y

# CONFIG_DEBUG_DRIVER is not set

# CONFIG_DEBUG_DEVRES is not set

# CONFIG_DEBUG_TEST_DRIVER_REMOVE is not set

CONFIG_HMEM_REPORTING=y

# CONFIG_TEST_ASYNC_DRIVER_PROBE is not set

CONFIG_SYS_HYPERVISOR=y

CONFIG_GENERIC_CPU_DEVICES=y

CONFIG_GENERIC_CPU_AUTOPROBE=y

CONFIG_GENERIC_CPU_VULNERABILITIES=y

CONFIG_REGMAP=y

CONFIG_REGMAP_I2C=y

CONFIG_REGMAP_SLIMBUS=m

CONFIG_REGMAP_SPI=y

CONFIG_REGMAP_SPMI=m

CONFIG_REGMAP_W1=m

CONFIG_REGMAP_MMIO=y

CONFIG_REGMAP_IRQ=y

CONFIG_REGMAP_SOUNDWIRE=m

CONFIG_REGMAP_SOUNDWIRE_MBQ=m

CONFIG_REGMAP_SCCB=m

```

```

CONFIG_REGMAP_I3C=m

CONFIG_DMA_SHARED_BUFFER=y

# CONFIG_DMA_FENCE_TRACE is not set

# CONFIG_FW_DEVLINK_SYNC_STATE_TIMEOUT is not set

# end of Generic Driver Options


#

# Bus devices

#

CONFIG_MHI_BUS=m

# CONFIG_MHI_BUS_DEBUG is not set

CONFIG_MHI_BUS_PCI_GENERIC=m

# CONFIG_MHI_BUS_EP is not set

# end of Bus devices


#

# Cache Drivers

#

# end of Cache Drivers


CONFIG_CONNECTOR=y

CONFIG_PROC_EVENTS=y


#

# Firmware Drivers

#

```

BKM

```
#
# ARM System Control and Management Interface Protocol
#
# end of ARM System Control and Management Interface Protocol

CONFIG_EDD=y
CONFIG_EDD_OFF=y
CONFIG_FIRMWARE_MEMMAP=y
CONFIG_DMIID=y
CONFIG_DMI_SYSFS=m
CONFIG_DMI_SCAN_MACHINE_NON_EFI_FALLBACK=y
CONFIG_ISCSI_IBFT_FIND=y
CONFIG_ISCSI_IBFT=m
CONFIG_FW_CFG_SYSFS=m
# CONFIG_FW_CFG_SYSFS_CMDLINE is not set
CONFIG_SYSFB=y
# CONFIG_SYSFB_SIMPLEFB is not set
CONFIG_FW_CS_DSP=m
# CONFIG_GOOGLE_FIRMWARE is not set

#
# EFI (Extensible Firmware Interface) Support
#
CONFIG_EFI_ESRT=y
CONFIG_EFI_VARS_PSTORE=m
# CONFIG_EFI_VARS_PSTORE_DEFAULT_DISABLE is not set
CONFIG_EFI_SOFT_RESERVE=y
```

```

CONFIG_EFI_DXE_MEM_ATTRIBUTES=y
CONFIG_EFI_RUNTIME_WRAPPERS=y
CONFIG_EFI_BOOTLOADER_CONTROL=m
CONFIG_EFI_CAPSULE_LOADER=m
CONFIG_EFI_TEST=m
CONFIG_EFI_DEV_PATH_PARSER=y
CONFIG_APPLE_PROPERTIES=y
CONFIG_RESET_ATTACK_MITIGATION=y
CONFIG_EFI_RCI2_TABLE=y
# CONFIG_EFI_DISABLE_PCI_DMA is not set
CONFIG_EFI_EARLYCON=y
CONFIG_EFI_CUSTOM_SSDT_OVERLAYS=y
# CONFIG_EFI_DISABLE_RUNTIME is not set
# CONFIG_EFI_COCO_SECRET is not set
CONFIG_UNACCEPTED_MEMORY=y
CONFIG_EFI_EMBEDDED_FIRMWARE=y
# end of EFI (Extensible Firmware Interface) Support

CONFIG_UEFI_CPER=y
CONFIG_UEFI_CPER_X86=y

#
# Qualcomm firmware drivers
#
# end of Qualcomm firmware drivers

#

```


BKM

```
# Tegra firmware driver

#

# end of Tegra firmware driver

# end of Firmware Drivers


CONFIG_GNSS=m

CONFIG_GNSS_SERIAL=m

CONFIG_GNSS_MTK_SERIAL=m

CONFIG_GNSS_SIRF_SERIAL=m

CONFIG_GNSS_UBX_SERIAL=m

# CONFIG_GNSS_USB is not set

CONFIG_MTD=m

# CONFIG_MTD_TESTS is not set


#

# Partition parsers

#

CONFIG_MTD_CMDLINE_PARTS=m

CONFIG_MTD_REDBOOT_PARTS=m

CONFIG_MTD_REDBOOT_DIRECTORY_BLOCK=-1

# CONFIG_MTD_REDBOOT_PARTS_UNALLOCATED is not set

# CONFIG_MTD_REDBOOT_PARTS_READONLY is not set

# end of Partition parsers


#

# User Modules And Translation Layers

#
```

```

CONFIG_MTD_BLKDEVS=m

CONFIG_MTD_BLOCK=m

CONFIG_MTD_BLOCK_RO=m


#

# Note that in some cases UBI block is preferred. See MTD_UBI_BLOCK.

#

CONFIG_FTL=m

CONFIG_NFTL=m

CONFIG_NFTL_RW=y

CONFIG_INFTL=m

CONFIG_RFD_FTL=m

CONFIG_SSFDC=m

CONFIG_SM_FTL=m

CONFIG_MTD_OOPS=m

CONFIG_MTD_PSTORE=m

CONFIG_MTD_SWAP=m

# CONFIG_MTD_PARTITIONED_MASTER is not set


#

# RAM/ROM/Flash chip drivers

#

CONFIG_MTD_CFI=m

CONFIG_MTD_JEDEC_PROBE=m

CONFIG_MTD_GEN_PROBE=m

# CONFIG_MTD_CFI_ADV_OPTIONS is not set

CONFIG_MTD_MAP_BANK_WIDTH_1=y

```

BKM

```

CONFIG_MTD_MAP_BANK_WIDTH_2=y
CONFIG_MTD_MAP_BANK_WIDTH_4=y
CONFIG_MTD_CFI_I1=y
CONFIG_MTD_CFI_I2=y
CONFIG_MTD_CFI_INTELEXT=m
CONFIG_MTD_CFI_AMDSTD=m
CONFIG_MTD_CFI_STAA=m
CONFIG_MTD_CFI_UTIL=m
CONFIG_MTD_RAM=m
CONFIG_MTD_ROM=m
CONFIG_MTD_ABSENT=m
# end of RAM/ROM/Flash chip drivers

#
# Mapping drivers for chip access
#
CONFIG_MTD_COMPLEX_MAPPINGS=y
CONFIG_MTD_PHYSMAP=m
# CONFIG_MTD_PHYSMAP_COMPAT is not set
CONFIG_MTD_PHYSMAP_GPIO_ADDR=y
CONFIG_MTD_SBC_GXX=m
CONFIG_MTD_AMD76XROM=m
CONFIG_MTD_ICHXROM=m
CONFIG_MTD_ESB2ROM=m
CONFIG_MTD_CK804XROM=m
CONFIG_MTD_SCB2_FLASH=m
CONFIG_MTD_NETtel=m

```

```
CONFIG_MTD_L440GX=m

CONFIG_MTD_PCI=m

CONFIG_MTD_PCMCIA=m

# CONFIG_MTD_PCMCIA_ANONYMOUS is not set

CONFIG_MTD_PLATRAM=m

# end of Mapping drivers for chip access


#

# Self-contained MTD device drivers

#

CONFIG_MTD_PMC551=m

# CONFIG_MTD_PMC551_BUGFIX is not set

# CONFIG_MTD_PMC551_DEBUG is not set

CONFIG_MTD_DATAFLASH=m

# CONFIG_MTD_DATAFLASH_WRITE_VERIFY is not set

CONFIG_MTD_DATAFLASH_OTP=y

CONFIG_MTD_MCHP23K256=m

# CONFIG_MTD_MCHP48L640 is not set

CONFIG_MTD_SST25L=m

CONFIG_MTD_SLRAM=m

CONFIG_MTD_PHRAM=m

CONFIG_MTD_MTDDRAM=m

CONFIG_MTD_MTDDRAM_TOTAL_SIZE=4096

CONFIG_MTD_MTDDRAM_ERASE_SIZE=128

CONFIG_MTD_BLOCK2MTD=m


#
```

BKM

```
# Disk-On-Chip Device Drivers

#

# CONFIG_MTD_DOEG3 is not set

# end of Self-contained MTD device drivers


#

# NAND

#

CONFIG_MTD_NAND_CORE=m

CONFIG_MTD_ONENAND=m

CONFIG_MTD_ONENAND_VERIFY_WRITE=y

CONFIG_MTD_ONENAND_GENERIC=m

# CONFIG_MTD_ONENAND_OTP is not set

CONFIG_MTD_ONENAND_2X_PROGRAM=y

CONFIG_MTD_RAW_NAND=m


#

# Raw/parallel NAND flash controllers

#

CONFIG_MTD_NAND_DENALI=m

CONFIG_MTD_NAND_DENALI_PCI=m

CONFIG_MTD_NAND_CAFE=m

CONFIG_MTD_NAND_MXIC=m

CONFIG_MTD_NAND_GPIO=m

CONFIG_MTD_NAND_PLATFORM=m

CONFIG_MTD_NAND_ARASAN=m
```

```
#  
# Misc  
#  
CONFIG_MTD_SM_COMMON=m  
CONFIG_MTD_NAND_NANDSIM=m  
CONFIG_MTD_NAND_RICOH=m  
CONFIG_MTD_NAND_DISKONCHIP=m  
# CONFIG_MTD_NAND_DISKONCHIP_PROBE_ADVANCED is not set  
CONFIG_MTD_NAND_DISKONCHIP_PROBE_ADDRESS=0  
# CONFIG_MTD_NAND_DISKONCHIP_BBTWRITE is not set  
CONFIG_MTD_SPI_NAND=m  
  
#  
# ECC engine support  
#  
CONFIG_MTD_NAND_ECC=y  
CONFIG_MTD_NAND_ECC_SW_HAMMING=y  
# CONFIG_MTD_NAND_ECC_SW_HAMMING_SMC is not set  
CONFIG_MTD_NAND_ECC_SW_BCH=y  
CONFIG_MTD_NAND_ECC_MXIC=y  
# end of ECC engine support  
# end of NAND  
  
#  
# LPDDR & LPDDR2 PCM memory drivers  
#  
CONFIG_MTD_LPDDR=m
```

BKM

```

CONFIG_MTD_QINFO_PROBE=m

# end of LPDDR & LPDDR2 PCM memory drivers


CONFIG_MTD_SPI_NOR=m
CONFIG_MTD_SPI_NOR_USE_4K_SECTORS=y
# CONFIG_MTD_SPI_NOR_SWP_DISABLE is not set
CONFIG_MTD_SPI_NOR_SWP_DISABLE_ON_VOLATILE=y
# CONFIG_MTD_SPI_NOR_SWP_KEEP is not set
CONFIG_MTD_UBI=m
CONFIG_MTD_UBI_WL_THRESHOLD=4096
CONFIG_MTD_UBI_BEB_LIMIT=20
CONFIG_MTD_UBI_FASTMAP=y
CONFIG_MTD_UBI_GLUEBI=m
CONFIG_MTD_UBI_BLOCK=y
# CONFIG_MTD_UBI_NVMEM is not set
CONFIG_MTD_HYPERBUS=m
# CONFIG_OF is not set
CONFIG_ARCH_MIGHT_HAVE_PC_PARPORT=y
CONFIG_PARPORT=m
CONFIG_PARPORT_PC=m
CONFIG_PARPORT_SERIAL=m
CONFIG_PARPORT_PC_FIFO=y
# CONFIG_PARPORT_PC_SUPERIO is not set
CONFIG_PARPORT_PC_PCMCIA=m
CONFIG_PARPORT_1284=y
CONFIG_PARPORT_NOT_PC=y
CONFIG_PNP=y

```

```
# CONFIG_PNP_DEBUG_MESSAGES is not set

#

# Protocols

#

CONFIG_PNPACPI=y

CONFIG_BLK_DEV=y

CONFIG_BLK_DEV_NULL_BLK=m

CONFIG_BLK_DEV_FD=m

# CONFIG_BLK_DEV_FD_RAWCMD is not set

CONFIG_CDROM=y

CONFIG_BLK_DEV_PCIESSD_MTIP32XX=m

CONFIG_ZRAM=m

CONFIG_ZRAM_DEF_COMP_LZORLE=y

# CONFIG_ZRAM_DEF_COMP_ZSTD is not set

# CONFIG_ZRAM_DEF_COMP_LZ4 is not set

# CONFIG_ZRAM_DEF_COMP_LZO is not set

# CONFIG_ZRAM_DEF_COMP_LZ4HC is not set

# CONFIG_ZRAM_DEF_COMP_842 is not set

CONFIG_ZRAM_DEF_COMP="lzo-rle"

CONFIG_ZRAM_WRITEBACK=y

CONFIG_ZRAM_TRACK_ENTRY_ACTIME=y

CONFIG_ZRAM_MEMORY_TRACKING=y

# CONFIG_ZRAM_MULTI_COMP is not set

CONFIG_BLK_DEV_LOOP=y

CONFIG_BLK_DEV_LOOP_MIN_COUNT=8

CONFIG_BLK_DEV_DRBD=m
```


BKM

```
# CONFIG_DRBD_FAULT_INJECTION is not set

CONFIG_BLK_DEV_NBD=m

CONFIG_BLK_DEV_RAM=m

CONFIG_BLK_DEV_RAM_COUNT=16

CONFIG_BLK_DEV_RAM_SIZE=65536

CONFIG_CDROM_PKTCDVD=m

CONFIG_CDROM_PKTCDVD_BUFFERS=8

# CONFIG_CDROM_PKTCDVD_WCACHE is not set

CONFIG_ATA_OVER_ETH=m

CONFIG_XEN_BLKDEV_FRONTEND=y

CONFIG_XEN_BLKDEV_BACKEND=m

CONFIG_VIRTIO_BLK=m

CONFIG_BLK_DEV_RBD=m

# CONFIG_BLK_DEV_UBLK is not set

CONFIG_BLK_DEV_RNBD=y

CONFIG_BLK_DEV_RNBD_CLIENT=m

CONFIG_BLK_DEV_RNBD_SERVER=m


#

# NVME Support

#

CONFIG_NVME_CORE=m

CONFIG_BLK_DEV_NVME=m

CONFIG_NVME_MULTIPATH=y

# CONFIG_NVME_VERBOSE_ERRORS is not set

CONFIG_NVME_HWMON=y

CONFIG_NVME_FABRICS=m
```

```

CONFIG_NVME_RDMA=m

CONFIG_NVME_FC=m

CONFIG_NVME_TCP=m

# CONFIG_NVME_TCP_TLS is not set

# CONFIG_NVME_HOST_AUTH is not set

CONFIG_NVME_TARGET=m

CONFIG_NVME_TARGET_PASSTHRU=y

CONFIG_NVME_TARGET_LOOP=m

CONFIG_NVME_TARGET_RDMA=m

CONFIG_NVME_TARGET_FC=m

# CONFIG_NVME_TARGET_FLOOP is not set

CONFIG_NVME_TARGET_TCP=m

# CONFIG_NVME_TARGET_TCP_TLS is not set

# CONFIG_NVME_TARGET_AUTH is not set

# end of NVME Support


#

# Misc devices

#

CONFIG_SENSORS_LIS3LV02D=m

CONFIG_AD525X_DPOT=m

CONFIG_AD525X_DPOT_I2C=m

CONFIG_AD525X_DPOT_SPI=m

CONFIG_DUMMY_IRQ=m

CONFIG_IBM_ASM=m

CONFIG_PHANTOM=m

CONFIG_TIFM_CORE=m

```

BKM

```

CONFIG_TIFM_7XX1=m
CONFIG_ICS932S401=m
CONFIG_ENCLOSURE_SERVICES=m
CONFIG_SGI_XP=m
CONFIG_HP_ILO=m
CONFIG_SGI_GRU=m
# CONFIG_SGI_GRU_DEBUG is not set
CONFIG_APDS9802ALS=m
CONFIG_ISL29003=m
CONFIG_ISL29020=m
CONFIG_SENSORS_TSL2550=m
CONFIG_SENSORS_BH1770=m
CONFIG_SENSORS_APDS990X=m
CONFIG_HMC6352=m
CONFIG_DS1682=m
CONFIG_VMWARE_BALLOON=m
CONFIG_LATTICE_ECP3_CONFIG=m
CONFIG_SRAM=y
# CONFIG_DW_XDATA_PCIE is not set
# CONFIG_PCI_ENDPOINT_TEST is not set
CONFIG_XILINX_SDFEC=m
CONFIG_MISC_RTSX=m
# CONFIG_NSM is not set
CONFIG_C2PORT=m
CONFIG_C2PORT_DURAMAR_2150=m

#

```

```
# EEPROM support

#

CONFIG_EEPROM_AT24=m

CONFIG_EEPROM_AT25=m

CONFIG_EEPROM_MAX6875=m

CONFIG_EEPROM_93CX6=m

CONFIG_EEPROM_93XX46=m

CONFIG_EEPROM_IDT_89HPESX=m

CONFIG_EEPROM_EE1004=m

# end of EEPROM support


CONFIG_CB710_CORE=m

# CONFIG_CB710_DEBUG is not set

CONFIG_CB710_DEBUG_ASSUMPTIONS=y


#

# Texas Instruments shared transport line discipline

#

CONFIG_TI_ST=m

# end of Texas Instruments shared transport line discipline


CONFIG_SENSORS_LIS3_I2C=m

CONFIG_ALTERA_STAPL=m

CONFIG_INTEL_MEI=m

CONFIG_INTEL_MEI_ME=m

CONFIG_INTEL_MEI_TXE=m

# CONFIG_INTEL_MEI_GSC is not set
```

BKM

```
# CONFIG_INTEL_MEI_VSC_HW is not set

CONFIG_INTEL_MEI_HDCP=m

# CONFIG_INTEL_MEI_PXP is not set

# CONFIG_INTEL_MEI_GSC_PROXY is not set

CONFIG_VMWARE_VMCI=m

CONFIG_GENWQE=m

CONFIG_GENWQE_PLATFORM_ERROR_RECOVERY=0

CONFIG_ECHO=m

CONFIG_BCM_VK=m

CONFIG_BCM_VK_TTY=y

CONFIG_MISC_ALCOR_PCI=m

CONFIG_MISC_RTSX_PCI=m

CONFIG_MISC_RTSX_USB=m

CONFIG_UACCE=m

# CONFIG_PVPANIC is not set

# CONFIG_GP_PCI1XXXX is not set

# end of Misc devices


#

# SCSI device support

#

CONFIG_SCSI_MOD=y

CONFIG_RAID_ATTRS=m

CONFIG_SCSI_COMMON=y

CONFIG_SCSI=y

CONFIG_SCSI_DMA=y

CONFIG_SCSI_NETLINK=y
```

```
CONFIG_SCSI_PROC_FS=y

#
# SCSI support type (disk, tape, CD-ROM)
#
CONFIG_BLK_DEV_SD=y
CONFIG_CHR_DEV_ST=m
CONFIG_BLK_DEV_SR=y
CONFIG_CHR_DEV_SG=y
CONFIG_BLK_DEV_BSG=y
CONFIG_CHR_DEV_SCH=m
CONFIG_SCSI_ENCLOSURE=m
CONFIG_SCSI_CONSTANTS=y
CONFIG_SCSI_LOGGING=y
CONFIG_SCSI_SCAN_ASYNC=y

#
# SCSI Transports
#
CONFIG_SCSI_SPI_ATTRS=m
CONFIG_SCSI_FC_ATTRS=m
CONFIG_SCSI_ISCSI_ATTRS=m
CONFIG_SCSI_SAS_ATTRS=m
CONFIG_SCSI_SAS_LIBSAS=m
CONFIG_SCSI_SAS_ATA=y
CONFIG_SCSI_SAS_HOST_SMP=y
CONFIG_SCSI_SRP_ATTRS=m
```

BKM

```
# end of SCSI Transports

CONFIG_SCSI_LOWLEVEL=y
CONFIG_ISCSI_TCP=m
CONFIG_ISCSI_BOOT_SYSFS=m
CONFIG_SCSI_CXGB3_ISCSI=m
CONFIG_SCSI_CXGB4_ISCSI=m
CONFIG_SCSI_BNX2_ISCSI=m
CONFIG_SCSI_BNX2X_FCOE=m
CONFIG_BE2ISCSI=m
CONFIG_BLK_DEV_3W_XXXX_RAID=m
CONFIG_SCSI_HPSA=m
CONFIG_SCSI_3W_9XXX=m
CONFIG_SCSI_3W_SAS=m
CONFIG_SCSI_ACARD=m
CONFIG_SCSI_AHA1740=m
CONFIG_SCSI_AACRAID=m
CONFIG_SCSI_AIC7XXX=m
CONFIG_AIC7XXX_CMDS_PER_DEVICE=8
CONFIG_AIC7XXX_RESET_DELAY_MS=5000
# CONFIG_AIC7XXX_DEBUG_ENABLE is not set
CONFIG_AIC7XXX_DEBUG_MASK=0
CONFIG_AIC7XXX_REG_PRETTY_PRINT=y
CONFIG_SCSI_AIC79XX=m
CONFIG_AIC79XX_CMDS_PER_DEVICE=32
CONFIG_AIC79XX_RESET_DELAY_MS=5000
# CONFIG_AIC79XX_DEBUG_ENABLE is not set
```

```

CONFIG_AIC79XX_DEBUG_MASK=0
CONFIG_AIC79XX_REG_PRETTY_PRINT=y
CONFIG_SCSI_AIC94XX=m
# CONFIG_AIC94XX_DEBUG is not set
CONFIG_SCSI_MVSAS=m
# CONFIG_SCSI_MVSAS_DEBUG is not set
# CONFIG_SCSI_MVSAS_TASKLET is not set
CONFIG_SCSI_MVUMI=m
CONFIG_SCSI_ADVANSYS=m
CONFIG_SCSI_ARCMSR=m
CONFIG_SCSI_ESAS2R=m
CONFIG_MEGARAID_NEWGEN=y
CONFIG_MEGARAID_MM=m
CONFIG_MEGARAID_MAILBOX=m
CONFIG_MEGARAID_LEGACY=m
CONFIG_MEGARAID_SAS=m
CONFIG_SCSI_MPT3SAS=m
CONFIG_SCSI_MPT2SAS_MAX_SGE=128
CONFIG_SCSI_MPT3SAS_MAX_SGE=128
CONFIG_SCSI_MPT2SAS=m
# CONFIG_SCSI_MPI3MR is not set
CONFIG_SCSI_SMARTPQL=m
CONFIG_SCSI_HPTIOP=m
CONFIG_SCSI_BUSLOGIC=m
CONFIG_SCSI_FLASHPOINT=y
CONFIG_SCSI_MYRB=m
CONFIG_SCSI_MYRS=m

```


BKM

```

CONFIG_VMWARE_PVSCSI=m
CONFIG_XEN_SCSI_FRONTEND=m
CONFIG_HYPERV_STORAGE=m
CONFIG_LIBFC=m
CONFIG_LIBFCOE=m
CONFIG_FCOE=m
CONFIG_FCOE_FNIC=m
CONFIG_SCSI_SNIC=m
# CONFIG_SCSI_SNIC_DEBUG_FS is not set
CONFIG_SCSI_DM3191D=m
CONFIG_SCSI_FDOMAIN=m
CONFIG_SCSI_FDOMAIN_PCI=m
CONFIG_SCSI_ISCI=m
CONFIG_SCSI_IPS=m
CONFIG_SCSI_INITIO=m
CONFIG_SCSI_INIA100=m
CONFIG_SCSI_PPA=m
CONFIG_SCSI_IMM=m
# CONFIG_SCSI_IZIP_SLOW_CTR is not set
CONFIG_SCSI_STEX=m
CONFIG_SCSI_SYM53C8XX_2=m
CONFIG_SCSI_SYM53C8XX_DMA_ADDRESSING_MODE=1
CONFIG_SCSI_SYM53C8XX_DEFAULT_TAGS=16
CONFIG_SCSI_SYM53C8XX_MAX_TAGS=64
CONFIG_SCSI_SYM53C8XX_MMIO=y
CONFIG_SCSI_IPR=m
CONFIG_SCSI_IPR_TRACE=y

```

```

CONFIG_SCSI_IPR_DUMP=y
CONFIG_SCSI_QLOGIC_1280=m
CONFIG_SCSI_QLA_FC=m
CONFIG_TCM_QLA2XXX=m
# CONFIG_TCM_QLA2XXX_DEBUG is not set
CONFIG_SCSI_QLA_ISCSI=m
CONFIG_QEDI=m
CONFIG_QEDF=m
CONFIG_SCSI_LPFC=m
# CONFIG_SCSI_LPFC_DEBUG_FS is not set
# CONFIG_SCSI_EFCT is not set
CONFIG_SCSI_SIM710=m
CONFIG_SCSI_DC395x=m
CONFIG_SCSI_AM53C974=m
CONFIG_SCSI_WD719X=m
CONFIG_SCSI_DEBUG=m
CONFIG_SCSI_PMCRAID=m
CONFIG_SCSI_PM8001=m
CONFIG_SCSI_BFA_FC=m
CONFIG_SCSI_VIRTIO=m
CONFIG_SCSI_CHELSIO_FCOE=m
CONFIG_SCSI_LOWLEVEL_PCMCIA=y
CONFIG_PCMCIA_AHA152X=m
CONFIG_PCMCIA_FDOMAIN=m
CONFIG_PCMCIA_QLOGIC=m
CONFIG_PCMCIA_SYM53C500=m
CONFIG_SCSI_DH=y

```

BKM

```

CONFIG_SCSI_DH_RDAC=m
CONFIG_SCSI_DH_HP_SW=m
CONFIG_SCSI_DH_EMCM=m
CONFIG_SCSI_DH_ALUA=m
# end of SCSI device support

CONFIG_ATA=y
CONFIG_SATA_HOST=y
CONFIG_PATA_TIMINGS=y
CONFIG_ATA_VERBOSE_ERROR=y
CONFIG_ATA_FORCE=y
CONFIG_ATA_ACPI=y
CONFIG_SATA_ZPODD=y
CONFIG_SATA_PMP=y

#

# Controllers with non-SFF native interface

#

CONFIG_SATA_AHCI=m
CONFIG_SATA_MOBILE_LPM_POLICY=3
CONFIG_SATA_AHCI_PLATFORM=m
# CONFIG_AHCI_DWC is not set
CONFIG_SATA_INIC162X=m
CONFIG_SATA_ACARD_AHCI=m
CONFIG_SATA_SIL24=m
CONFIG_ATA_SFF=y

```

```
#
# SFF controllers with custom DMA interface
#
CONFIG_PDC_ADMA=m
CONFIG_SATA_QSTOR=m
CONFIG_SATA_SX4=m
CONFIG_ATA_BMDMA=y

#
# SATA SFF controllers with BMDMA
#
CONFIG_ATA_PIIx=y
CONFIG_SATA_DWC=m
CONFIG_SATA_DWC_OLD_DMA=y
CONFIG_SATA_MV=m
CONFIG_SATA_NV=m
CONFIG_SATA_PROMISE=m
CONFIG_SATA_SIL=m
CONFIG_SATA_SIS=m
CONFIG_SATA_SVW=m
CONFIG_SATA_ULI=m
CONFIG_SATA_VIA=m
CONFIG_SATA_VITESSE=m

#
# PATA SFF controllers with BMDMA
#
```

BKM

```

CONFIG_PATA_ALI=m
CONFIG_PATA_AMD=m
CONFIG_PATA_ARTOP=m
CONFIG_PATA_ATIIXP=m
CONFIG_PATA_ATP867X=m
CONFIG_PATA_CMD64X=m
CONFIG_PATA_CYPRESS=m
CONFIG_PATA_EFAR=m
CONFIG_PATA_HPT366=m
CONFIG_PATA_HPT37X=m
CONFIG_PATA_HPT3X2N=m
CONFIG_PATA_HPT3X3=m
# CONFIG_PATA_HPT3X3_DMA is not set
CONFIG_PATA_IT8213=m
CONFIG_PATA_IT821X=m
CONFIG_PATA_JMICRON=m
CONFIG_PATA_MARVELL=m
CONFIG_PATA_NETCELL=m
CONFIG_PATA_NINJA32=m
CONFIG_PATA_NS87415=m
CONFIG_PATA_OLDPIIX=m
CONFIG_PATA_OPTIDMA=m
CONFIG_PATA_PDC2027X=m
CONFIG_PATA_PDC_OLD=m
CONFIG_PATA_RADISYS=m
CONFIG_PATA_RDC=m
CONFIG_PATA_SCH=m

```

```
CONFIG_PATA_SERVERWORKS=m

CONFIG_PATA_SIL680=m

CONFIG_PATA_SIS=y

CONFIG_PATA_TOSHIBA=m

CONFIG_PATA_TRIFLEX=m

CONFIG_PATA_VIA=m

CONFIG_PATA_WINBOND=m


#

# PIO-only SFF controllers

#

CONFIG_PATA_CMD640_PCI=m

CONFIG_PATA_MPIIX=m

CONFIG_PATA_NS87410=m

CONFIG_PATA_OPTI=m

CONFIG_PATA_PCMCIA=m

CONFIG_PATA_RZ1000=m

# CONFIG_PATA_PARPORT is not set


#

# Generic fallback / legacy drivers

#

CONFIG_PATA_ACPI=m

CONFIG_ATA_GENERIC=y

CONFIG_PATA_LEGACY=m

CONFIG_MD=y

CONFIG_BLK_DEV_MD=y
```

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```

CONFIG_MD_AUTODETECT=y
CONFIG_MD_BITMAP_FILE=y
CONFIG_MD_RAID0=m
CONFIG_MD_RAID1=m
CONFIG_MD_RAID10=m
CONFIG_MD_RAID456=m
CONFIG_MD_CLUSTER=m
CONFIG_BCACHE=m
# CONFIG_BCACHE_DEBUG is not set
CONFIG_BCACHE_ASYNC_REGISTRATION=y
CONFIG_BLK_DEV_DM_BUILTIN=y
CONFIG_BLK_DEV_DM=y
# CONFIG_DM_DEBUG is not set
CONFIG_DM_BUFIO=m
# CONFIG_DM_DEBUG_BLOCK_MANAGER_LOCKING is not set
CONFIG_DM_BIO_PRISON=m
CONFIG_DM_PERSISTENT_DATA=m
CONFIG_DM_UNSTRIPED=m
CONFIG_DM_CRYPT=m
CONFIG_DM_SNAPSHOT=m
CONFIG_DM_THIN_PROVISIONING=m
CONFIG_DM_CACHE=m
CONFIG_DM_CACHE_SMQ=m
CONFIG_DM_WRITECACHE=m
CONFIG_DM_EBS=m
CONFIG_DM_ERA=m
CONFIG_DM_CLONE=m

```

```
CONFIG_DM_MIRROR=m
CONFIG_DM_LOG_USERSPACE=m
CONFIG_DM_RAID=m
CONFIG_DM_ZERO=m
CONFIG_DM_MULTIPATH=m
CONFIG_DM_MULTIPATH_QL=m
CONFIG_DM_MULTIPATH_ST=m
CONFIG_DM_MULTIPATH_HST=m
CONFIG_DM_MULTIPATH_IOA=m
CONFIG_DM_DELAY=m
# CONFIG_DM_DUST is not set
CONFIG_DM_INIT=y
CONFIG_DM_UEVENT=y
CONFIG_DM_FLAKEY=m
CONFIG_DM_VERITY=m
CONFIG_DM_VERITY_VERIFY_ROOTHASH_SIG=y
# CONFIG_DM_VERITY_VERIFY_ROOTHASH_SIG_SECONDARY_KEYRING is not set
# CONFIG_DM_VERITY_FEC is not set
CONFIG_DM_SWITCH=m
CONFIG_DM_LOG_WRITES=m
CONFIG_DM_INTEGRITY=m
CONFIG_DM_ZONED=m
CONFIG_DM_AUDIT=y
# CONFIG_DM_VDO is not set
CONFIG_TARGET_CORE=m
CONFIG_TCM_IBLOCK=m
CONFIG_TCM_FILEIO=m
```


BKM

```

CONFIG_TCM_PSCSI=m
CONFIG_TCM_USER2=m
CONFIG_LOOPBACK_TARGET=m
CONFIG_TCM_FC=m
CONFIG_ISCSI_TARGET=m
CONFIG_ISCSI_TARGET_CXGB4=m
CONFIG_SBP_TARGET=m
# CONFIG_REMOTE_TARGET is not set
CONFIG_FUSION=y
CONFIG_FUSION_SPI=m
CONFIG_FUSION_FC=m
CONFIG_FUSION_SAS=m
CONFIG_FUSION_MAX_SGE=128
CONFIG_FUSION_CTL=m
CONFIG_FUSION_LAN=m
CONFIG_FUSION_LOGGING=y

#
# IEEE 1394 (FireWire) support
#
CONFIG_FIREWIRE=m
CONFIG_FIREWIRE_OHCI=m
CONFIG_FIREWIRE_SBP2=m
CONFIG_FIREWIRE_NET=m
CONFIG_FIREWIRE_NOSY=m
# end of IEEE 1394 (FireWire) support

```

```

CONFIG_MACINTOSH_DRIVERS=y
CONFIG_MAC_EMUMOUSEBTN=m
CONFIG_NETDEVICES=y
CONFIG_MII=m
CONFIG_NET_CORE=y
CONFIG_BONDING=m
CONFIG_DUMMY=m
CONFIG_WIREGUARD=m
# CONFIG_WIREGUARD_DEBUG is not set
CONFIG_EQUALIZER=m
CONFIG_NET_FC=y
CONFIG_IFB=m
CONFIG_NET_TEAM=m
CONFIG_NET_TEAM_MODE_BROADCAST=m
CONFIG_NET_TEAM_MODE_ROUNDROBIN=m
CONFIG_NET_TEAM_MODE_RANDOM=m
CONFIG_NET_TEAM_MODE_ACTIVEBACKUP=m
CONFIG_NET_TEAM_MODE_LOADBALANCE=m
CONFIG_MACVLAN=m
CONFIG_MACVTAP=m
CONFIG_IPVLAN_L3S=y
CONFIG_IPVLAN=m
CONFIG_IPVTAP=m
CONFIG_VXLAN=m
CONFIG_GENEVE=m
CONFIG_BAREUDP=m
CONFIG_GTP=m

```

BKM

```
# CONFIG_AMT is not set

CONFIG_MACSEC=m

CONFIG_NETCONSOLE=m

CONFIG_NETCONSOLE_DYNAMIC=y

# CONFIG_NETCONSOLE_EXTENDED_LOG is not set

CONFIG_NETPOLL=y

CONFIG_NET_POLL_CONTROLLER=y

CONFIG NTB_NETDEV=m

CONFIG_RIONET=m

CONFIG_RIONET_TX_SIZE=128

CONFIG_RIONET_RX_SIZE=128

CONFIG_TUN=y

CONFIG_TAP=m

# CONFIG_TUN_VNET_CROSS_LE is not set

CONFIG_VETH=m

CONFIG_VIRTIO_NET=m

CONFIG_NLMON=m

# CONFIG_NETKIT is not set

CONFIG_NET_VRF=m

CONFIG_VSOCKMON=m

CONFIG_MHI_NET=m

CONFIG_SUNGEM_PHY=m

CONFIG_ARCNET=m

CONFIG_ARCNET_1201=m

CONFIG_ARCNET_1051=m

CONFIG_ARCNET_RAW=m

CONFIG_ARCNET_CAP=m
```

```

CONFIG_ARCNET_COM90xx=m
CONFIG_ARCNET_COM90xxIO=m
CONFIG_ARCNET_RIM_I=m
CONFIG_ARCNET_COM20020=m
CONFIG_ARCNET_COM20020_PCI=m
CONFIG_ARCNET_COM20020_CS=m
CONFIG_ATM_DRIVERS=y
CONFIG_ATM_DUMMY=m
CONFIG_ATM_TCP=m
CONFIG_ATM_LANAI=m
CONFIG_ATM_ENI=m
# CONFIG_ATM_ENI_DEBUG is not set
# CONFIG_ATM_ENI_TUNE_BURST is not set
CONFIG_ATM_NICSTAR=m
# CONFIG_ATM_NICSTAR_USE_SUNI is not set
# CONFIG_ATM_NICSTAR_USE_IDT77105 is not set
CONFIG_ATM_IDT77252=m
# CONFIG_ATM_IDT77252_DEBUG is not set
# CONFIG_ATM_IDT77252_RCV_ALL is not set
CONFIG_ATM_IDT77252_USE_SUNI=y
CONFIG_ATM_IA=m
# CONFIG_ATM_IA_DEBUG is not set
CONFIG_ATM_FORE200E=m
# CONFIG_ATM_FORE200E_USE_TASKLET is not set
CONFIG_ATM_FORE200E_TX_RETRY=16
CONFIG_ATM_FORE200E_DEBUG=0
CONFIG_ATM_HE=m

```

BKM

```

CONFIG_ATM_HE_USE_SUNI=y

CONFIG_ATM_SOLOS=m

CONFIG_CAIF_DRIVERS=y

CONFIG_CAIF_TTY=m

CONFIG_CAIF_VIRTIO=m


#

# Distributed Switch Architecture drivers

#

CONFIG_B53=m

CONFIG_B53_SPI_DRIVER=m

CONFIG_B53_MDIO_DRIVER=m

CONFIG_B53_MMAP_DRIVER=m

CONFIG_B53_SRAB_DRIVER=m

CONFIG_B53_SERDES=m

CONFIG_NET_DSA_BCM_SF2=m

# CONFIG_NET_DSA_LOOP is not set

CONFIG_NET_DSA_HIRSCHMANN_HELLCREEK=m

CONFIG_NET_DSA_LANTIQ_GSWIP=m

CONFIG_NET_DSA_MT7530=m

CONFIG_NET_DSA_MT7530_MDIO=m

CONFIG_NET_DSA_MT7530_MMIO=m

CONFIG_NET_DSA_MV88E6060=m

CONFIG_NET_DSA_MICROCHIP_KSZ_COMMON=m

CONFIG_NET_DSA_MICROCHIP_KSZ9477_I2C=m

# CONFIG_NET_DSA_MICROCHIP_KSZ_SPI is not set

# CONFIG_NET_DSA_MICROCHIP_KSZ_PTP is not set

```

```
# CONFIG_NET_DSA_MICROCHIP_KSZ8863_SMI is not set

CONFIG_NET_DSA_MV88E6XXX=m

CONFIG_NET_DSA_MV88E6XXX_PTP=y

CONFIG_NET_DSA_MSCC_FELIX_DSA_LIB=m

# CONFIG_NET_DSA_MSCC_OCELOT_EXT is not set

CONFIG_NET_DSA_MSCC_SEVILLE=m

CONFIG_NET_DSA_AR9331=m

CONFIG_NET_DSA_QCA8K=m

# CONFIG_NET_DSA_QCA8K_LEDS_SUPPORT is not set

CONFIG_NET_DSA_SJA1105=m

CONFIG_NET_DSA_SJA1105_PTP=y

CONFIG_NET_DSA_SJA1105_TAS=y

CONFIG_NET_DSA_SJA1105_VL=y

CONFIG_NET_DSA_XRS700X=m

CONFIG_NET_DSA_XRS700X_I2C=m

CONFIG_NET_DSA_XRS700X_MDIO=m

# CONFIG_NET_DSA_REALTEK is not set

CONFIG_NET_DSA_SMSC_LAN9303=m

CONFIG_NET_DSA_SMSC_LAN9303_I2C=m

CONFIG_NET_DSA_SMSC_LAN9303_MDIO=m

CONFIG_NET_DSA_VITESSE_VSC73XX=m

CONFIG_NET_DSA_VITESSE_VSC73XX_SPI=m

CONFIG_NET_DSA_VITESSE_VSC73XX_PLATFORM=m

# end of Distributed Switch Architecture drivers


CONFIG_ETHERNET=y

CONFIG_MDIO=m
```

BKM

```

CONFIG_NET_VENDOR_3COM=y
CONFIG_EL3=m
CONFIG_PCMCIA_3C574=m
CONFIG_PCMCIA_3C589=m
CONFIG_VORTEX=m
CONFIG_TYHOON=m
CONFIG_NET_VENDOR_ADAPTEC=y
CONFIG_ADAPTEC_STARFIRE=m
CONFIG_NET_VENDOR_AGERE=y
CONFIG_ET131X=m
CONFIG_NET_VENDOR_ALACRITECH=y
CONFIG_SLICOSS=m
CONFIG_NET_VENDOR_ALTEON=y
CONFIG_ACENIC=m
# CONFIG_ACENIC_OMIT_TIGON_I is not set
CONFIG_ALTERA_TSE=m
CONFIG_NET_VENDOR_AMAZON=y
CONFIG_ENA_ETHERNET=m
CONFIG_NET_VENDOR_AMD=y
CONFIG_AMD8111_ETH=m
CONFIG_PCNET32=m
CONFIG_PCMCIA_NMCLAN=m
CONFIG_AMD_XGBE=m
CONFIG_AMD_XGBE_DCB=y
CONFIG_AMD_XGBE_HAVE_ECC=y
# CONFIG_PDS_CORE is not set
CONFIG_NET_VENDOR_AQUANTIA=y

```

```

CONFIG_AQTION=m
CONFIG_NET_VENDOR_ARC=y
CONFIG_NET_VENDOR_ASIX=y
# CONFIG_SPI_AX88796C is not set
CONFIG_NET_VENDOR_ATHEROS=y
CONFIG_ATL2=m
CONFIG_ATL1=m
CONFIG_ATL1E=m
CONFIG_ATL1C=m
CONFIG_ALX=m
CONFIG_CX_ECAT=m
CONFIG_NET_VENDOR_BROADCOM=y
CONFIG_B44=m
CONFIG_B44_PCI_AUTOSELECT=y
CONFIG_B44_PCICORE_AUTOSELECT=y
CONFIG_B44_PCI=y
CONFIG_BCMGENET=m
CONFIG_BNX2=m
CONFIG_CNIC=m
CONFIG_TIGON3=m
CONFIG_TIGON3_HWMON=y
CONFIG_BNX2X=m
CONFIG_BNX2X_SRIOV=y
CONFIG_SYSTEMPORT=m
CONFIG_BNXT=m
CONFIG_BNXT_SRIOV=y
CONFIG_BNXT_FLOWER_OFFLOAD=y

```


BKM

CONFIG_BNXT_DCB=y
CONFIG_BNXT_HWMON=y
CONFIG_NET_VENDOR_CADENCE=y
CONFIG_MACB=m
CONFIG_MACB_USE_HWSTAMP=y
CONFIG_MACB_PCI=m
CONFIG_NET_VENDOR_CAVIUM=y
CONFIG_THUNDER_NIC_PF=m
CONFIG_THUNDER_NIC_VF=m
CONFIG_THUNDER_NIC_BGX=m
CONFIG_THUNDER_NIC_RGX=m
CONFIG_CAVIUM_PTP=m
CONFIG_LIQUIDIO_CORE=m
CONFIG_LIQUIDIO=m
CONFIG_LIQUIDIO_VF=m
CONFIG_NET_VENDOR_CHELSIO=y
CONFIG_CHELSIO_T1=m
CONFIG_CHELSIO_T1_1G=y
CONFIG_CHELSIO_T3=m
CONFIG_CHELSIO_T4=m
CONFIG_CHELSIO_T4_DCB=y
CONFIG_CHELSIO_T4_FCOE=y
CONFIG_CHELSIO_T4VF=m
CONFIG_CHELSIO_LIB=m
CONFIG_CHELSIO_INLINE_CRYPTO=y
CONFIG_CHELSIO_IPSEC_INLINE=m
CONFIG_CHELSIO_TLS_DEVICE=m

```

CONFIG_NET_VENDOR_CIRRUS=y
CONFIG_NET_VENDOR_CISCO=y
CONFIG_ENIC=m
CONFIG_NET_VENDOR_CORTINA=y
CONFIG_NET_VENDOR_DAVICOM=y
# CONFIG_DM9051 is not set
CONFIG_DNET=m
CONFIG_NET_VENDOR_DEC=y
CONFIG_NET_TULIP=y
CONFIG_DE2104X=m
CONFIG_DE2104X_DSL=0
CONFIG_TULIP=m
# CONFIG_TULIP_MWI is not set
# CONFIG_TULIP_MMIO is not set
# CONFIG_TULIP_NAPI is not set
CONFIG_WINBOND_840=m
CONFIG_DM9102=m
CONFIG_ULI526X=m
CONFIG_PCMCIA_XIRCOM=m
CONFIG_NET_VENDOR_DLINK=y
CONFIG_DL2K=m
CONFIG_SUNDANCE=m
# CONFIG_SUNDANCE_MMIO is not set
CONFIG_NET_VENDOR_EMULEX=y
CONFIG_BE2NET=m
CONFIG_BE2NET_HWMON=y
CONFIG_BE2NET_BE2=y

```

BKM

```

CONFIG_BE2NET_BE3=y
CONFIG_BE2NET_LANCER=y
CONFIG_BE2NET_SKYHAWK=y
CONFIG_NET_VENDOR_ENGLEDER=y
# CONFIG_TSNEP is not set
CONFIG_NET_VENDOR_EZCHIP=y
CONFIG_NET_VENDOR_FUJITSU=y
CONFIG_PCMCIA_FMVJ18X=m
CONFIG_NET_VENDOR_FUNGIBLE=y
# CONFIG_FUN_ETH is not set
CONFIG_NET_VENDOR_GOOGLE=y
CONFIG_GVE=m
CONFIG_NET_VENDOR_HUAWEI=y
CONFIG_HINIC=m
CONFIG_NET_VENDOR_I825XX=y
CONFIG_NET_VENDOR_INTEL=y
CONFIG_E100=m
CONFIG_E1000=m
CONFIG_E1000E=m
CONFIG_E1000E_HWTS=y
CONFIG_IGB=m
CONFIG_IGB_HWMON=y
CONFIG_IGB_DCA=y
CONFIG_IGBVF=m
CONFIG_IXGBE=m
CONFIG_IXGBE_HWMON=y
CONFIG_IXGBE_DCA=y

```

```

CONFIG_IXGBE_DCB=y
CONFIG_IXGBE_IPSEC=y
CONFIG_IXGBEVF=m
CONFIG_IXGBEVF_IPSEC=y
CONFIG_I40E=m
CONFIG_I40E_DCB=y
CONFIG_IAVF=m
CONFIG_I40EVF=m
CONFIG_ICE=m
CONFIG_ICE_HWMON=y
CONFIG_ICE_SWITCHDEV=y
CONFIG_ICE_HWTS=y
CONFIG_FM10K=m
CONFIG_IGC=m
CONFIG_IGC_LEDS=y
# CONFIG_IDPF is not set
CONFIG_JME=m
CONFIG_NET_VENDOR_ADII=y
# CONFIG_ADIN1110 is not set
CONFIG_NET_VENDOR_LITEX=y
CONFIG_NET_VENDOR_MARVELL=y
CONFIG_MVMDIO=m
CONFIG_SKGE=m
# CONFIG_SKGE_DEBUG is not set
CONFIG_SKGE_GENESIS=y
CONFIG_SKY2=m
# CONFIG_SKY2_DEBUG is not set

```

BKM

```
# CONFIG_OCTEON_EP is not set
# CONFIG_OCTEON_EP_VF is not set
CONFIG_PRESTERA=m
CONFIG_PRESTERA_PCI=m
CONFIG_NET_VENDOR_MELLANOX=y
CONFIG_MLX4_EN=m
CONFIG_MLX4_EN_DCB=y
CONFIG_MLX4_CORE=m
CONFIG_MLX4_DEBUG=y
CONFIG_MLX4_CORE_GEN2=y
CONFIG_MLX5_CORE=m
CONFIG_MLX5_FPGA=y
CONFIG_MLX5_CORE_EN=y
CONFIG_MLX5_EN_ARFS=y
CONFIG_MLX5_EN_RXNFC=y
CONFIG_MLX5_MPFS=y
CONFIG_MLX5_ESWITCH=y
CONFIG_MLX5_BRIDGE=y
CONFIG_MLX5_CLS_ACT=y
CONFIG_MLX5_TC_CT=y
CONFIG_MLX5_TC_SAMPLE=y
CONFIG_MLX5_CORE_EN_DCB=y
CONFIG_MLX5_CORE_IPOIB=y
# CONFIG_MLX5_MACSEC is not set
CONFIG_MLX5_EN_IPSEC=y
CONFIG_MLX5_EN_TLS=y
CONFIG_MLX5_SW_STEERING=y
```

```

CONFIG_MLX5_SF=y
CONFIG_MLX5_SF_MANAGER=y
# CONFIG_MLX5_DPLL is not set
CONFIG_MLXSW_CORE=m
CONFIG_MLXSW_CORE_HWMON=y
CONFIG_MLXSW_CORE_THERMAL=y
CONFIG_MLXSW_PCI=m
CONFIG_MLXSW_I2C=m
CONFIG_MLXSW_SPECTRUM=m
CONFIG_MLXSW_SPECTRUM_DCB=y
CONFIG_MLXSW_MINIMAL=m
CONFIG_MLXFW=m
CONFIG_NET_VENDOR_MICREL=y
CONFIG_KS8842=m
CONFIG_KS8851=m
CONFIG_KS8851_MLL=m
CONFIG_KSZ884X_PCI=m
CONFIG_NET_VENDOR_MICROCHIP=y
CONFIG_ENC28J60=m
# CONFIG_ENC28J60_WRITEVERIFY is not set
CONFIG_ENCX24J600=m
CONFIG_LAN743X=m
# CONFIG_VCAP is not set
CONFIG_NET_VENDOR_MICROSEMI=y
CONFIG_MSCC_OCELOT_SWITCH_LIB=m
CONFIG_NET_VENDOR_MICROSOFT=y
# CONFIG_MICROSOFT_MANA is not set

```

BKM

```

CONFIG_NET_VENDOR_MYRI=y
CONFIG_MYRI10GE=m
CONFIG_MYRI10GE_DCA=y
CONFIG_FEALNX=m
CONFIG_NET_VENDOR_NI=y
CONFIG_NI_XGE_MANAGEMENT_ENET=m
CONFIG_NET_VENDOR_NATSEMI=y
CONFIG_NATSEMI=m
CONFIG_NS83820=m
CONFIG_NET_VENDOR_NETERION=y
CONFIG_S2IO=m
CONFIG_NET_VENDOR_NETRONOME=y
CONFIG_NFP=m
CONFIG_NFP_APP_FLOWER=y
CONFIG_NFP_APP_ABM_NIC=y
CONFIG_NFP_NET_IPSEC=y
# CONFIG_NFP_DEBUG is not set
CONFIG_NET_VENDOR_8390=y
CONFIG_PCMCIA_AXNET=m
CONFIG_NE2K_PCI=m
CONFIG_PCMCIA_PCNET=m
CONFIG_NET_VENDOR_NVIDIA=y
CONFIG_FORCEDETH=m
CONFIG_NET_VENDOR_OKI=y
CONFIG_ETHOC=m
CONFIG_NET_VENDOR_PACKET_ENGINES=y
CONFIG_HAMACHI=m

```

```

CONFIG_YELLOWFIN=m
CONFIG_NET_VENDOR_PENSANDO=y
CONFIG_IONIC=m
CONFIG_NET_VENDOR_QLOGIC=y
CONFIG_QLA3XXX=m
CONFIG_QLCNIC=m
CONFIG_QLCNIC_SRIOV=y
CONFIG_QLCNIC_DCB=y
CONFIG_QLCNIC_HWMON=y
CONFIG_NETXEN_NIC=m
CONFIG_QED=m
CONFIG_QED_LL2=y
CONFIG_QED_SRIOV=y
CONFIG_QEDE=m
CONFIG_QED_RDMA=y
CONFIG_QED_ISCSI=y
CONFIG_QED_FCOE=y
CONFIG_QED_OOO=y
CONFIG_NET_VENDOR_BROCADE=y
CONFIG_BNA=m
CONFIG_NET_VENDOR_QUALCOMM=y
CONFIG_QCOM_EMAC=m
CONFIG_RMNET=m
CONFIG_NET_VENDOR_RDC=y
CONFIG_R6040=m
CONFIG_NET_VENDOR_REALTEK=y
CONFIG_ATP=m

```


BKM

```

CONFIG_8139CP=m
CONFIG_8139TOO=m
CONFIG_8139TOO_PIO=y
# CONFIG_8139TOO_TUNE_TWISTER is not set
CONFIG_8139TOO_8129=y
# CONFIG_8139_OLD_RX_RESET is not set
CONFIG_R8169=m
CONFIG_R8169_LEDS=y
CONFIG_NET_VENDOR_RENESAS=y
CONFIG_NET_VENDOR_ROCKER=y
CONFIG_ROCKER=m
CONFIG_NET_VENDOR_SAMSUNG=y
CONFIG_SXGBE_ETH=m
CONFIG_NET_VENDOR_SEEQ=y
CONFIG_NET_VENDOR_SILAN=y
CONFIG_SC92031=m
CONFIG_NET_VENDOR_SIS=y
CONFIG_SIS900=m
CONFIG_SIS190=m
CONFIG_NET_VENDOR_SOLARFLARE=y
CONFIG_SFC=m
CONFIG_SFC_MTD=y
CONFIG_SFC_MCDI_MON=y
CONFIG_SFC_SRIOV=y
CONFIG_SFC_MCDI_LOGGING=y
CONFIG_SFC_FALCON=m
CONFIG_SFC_FALCON_MTD=y

```

```
# CONFIG_SFC_SIENA is not set

CONFIG_NET_VENDOR_SMSC=y

CONFIG_PCMCIA_SMC91C92=m

CONFIG_EPIC100=m

CONFIG_SMSC911X=m

CONFIG_SMSC9420=m

CONFIG_NET_VENDOR_SOCIONEXT=y

CONFIG_NET_VENDOR_STMICRO=y

CONFIG_STMMAC_ETH=m

# CONFIG_STMMAC_SELFTESTS is not set

CONFIG_STMMAC_PLATFORM=m

CONFIG_DWMAC_GENERIC=m

CONFIG_DWMAC_INTEL=m

CONFIG_STMMAC_PCI=m

CONFIG_NET_VENDOR_SUN=y

CONFIG_HAPPYMEAL=m

CONFIG_SUNGEM=m

CONFIG_CASSINI=m

CONFIG_NIU=m

CONFIG_NET_VENDOR_SYNOPSYS=y

CONFIG_DWC_XLGMAC=m

CONFIG_DWC_XLGMAC_PCI=m

CONFIG_NET_VENDOR_TEHUTI=y

CONFIG_TEHUTI=m

CONFIG_NET_VENDOR_TI=y

# CONFIG_TI_CPSW_PHY_SEL is not set

CONFIG_TLAN=m
```

BKM

```

CONFIG_NET_VENDOR_VERTEXCOM=y
# CONFIG_MSE102X is not set
CONFIG_NET_VENDOR_VIA=y
CONFIG_VIA_RHINE=m
CONFIG_VIA_RHINE_MMIO=y
CONFIG_VIA_VELOCITY=m
CONFIG_NET_VENDOR_WANGXUN=y
# CONFIG_NGBE is not set
# CONFIG_TXGBE is not set
CONFIG_NET_VENDOR_WIZNET=y
CONFIG_WIZNET_W5100=m
CONFIG_WIZNET_W5300=m
# CONFIG_WIZNET_BUS_DIRECT is not set
# CONFIG_WIZNET_BUS_INDIRECT is not set
CONFIG_WIZNET_BUS_ANY=y
CONFIG_WIZNET_W5100_SPI=m
CONFIG_NET_VENDOR_XILINX=y
CONFIG_XILINX_EMACLITE=m
CONFIG_XILINX_LL_TEMAC=m
CONFIG_NET_VENDOR_XIRCOM=y
CONFIG_PCMCIA_XIRC2PS=m
CONFIG_FDDI=y
CONFIG_DEFXX=m
CONFIG_SKFP=m
# CONFIG_HIPPI is not set
CONFIG_NET_SB1000=m
CONFIG_PHYLINK=m

```

```

CONFIG_PHYLIB=y

CONFIG_SWPHY=y

CONFIG_LED_TRIGGER_PHY=y

CONFIG_FIXED_PHY=y

CONFIG_SFP=m


#

# MII PHY device drivers

#

CONFIG_AMD_PHY=m

CONFIG_ADIN_PHY=m

# CONFIG_ADIN1100_PHY is not set

CONFIG_AQUANTIA_PHY=m

CONFIG_AX88796B_PHY=m

CONFIG_BROADCOM_PHY=m

CONFIG_BCM54140_PHY=m

CONFIG_BCM7XXX_PHY=m

CONFIG_BCM84881_PHY=y

CONFIG_BCM87XX_PHY=m

CONFIG_BCM_NET_PHYLIB=m

CONFIG_BCM_NET_PHYPTP=m

CONFIG_CICADA_PHY=m

CONFIG_CORTINA_PHY=m

CONFIG_DAVICOM_PHY=m

CONFIG_ICPLUS_PHY=m

CONFIG_LXT_PHY=m

CONFIG_INTEL_XWAY_PHY=m

```

BKM

```

CONFIG_LSI_ET1011C_PHY=m

CONFIG_MARVELL_PHY=m

CONFIG_MARVELL_10G_PHY=m

# CONFIG_MARVELL_88Q2XXX_PHY is not set

# CONFIG_MARVELL_88X2222_PHY is not set

# CONFIG_MAXLINEAR_GPHY is not set

CONFIG_MEDIATEK_GE_PHY=m

# CONFIG_MEDIATEK_GE_SOC_PHY is not set

CONFIG_MICREL_PHY=m

# CONFIG_MICROCHIP_T1S_PHY is not set

CONFIG_MICROCHIP_PHY=m

CONFIG_MICROCHIP_T1_PHY=m

CONFIG_MICROSEMI_PHY=m

# CONFIG_MOTORCOMM_PHY is not set

CONFIG_NATIONAL_PHY=m

# CONFIG_NXP_CBTX_PHY is not set

# CONFIG_NXP_C45_TJA11XX_PHY is not set

CONFIG_NXP_TJA11XX_PHY=m

# CONFIG_NCN26000_PHY is not set

CONFIG_QCOM_NET_PHYLIB=m

CONFIG_AT803X_PHY=m

# CONFIG_QCA83XX_PHY is not set

# CONFIG_QCA808X_PHY is not set

CONFIG_QSEMI_PHY=m

CONFIG_REALTEK_PHY=m

CONFIG_RENESAS_PHY=m

CONFIG_ROCKCHIP_PHY=m

```

```

CONFIG_SMSC_PHY=m
CONFIG_STE10XP=m
CONFIG_TERANETICS_PHY=m
CONFIG_DP83822_PHY=m
CONFIG_DP83TC811_PHY=m
CONFIG_DP83848_PHY=m
CONFIG_DP83867_PHY=m
CONFIG_DP83869_PHY=m
# CONFIG_DP83TD510_PHY is not set
# CONFIG_DP83TG720_PHY is not set
CONFIG_VITESSE_PHY=m
CONFIG_XILINX_GMII2RGMII=m
CONFIG_MICREL_KS8995MA=m
# CONFIG_PSE_CONTROLLER is not set
CONFIG_CAN_DEV=m
CONFIG_CAN_VCAN=m
CONFIG_CAN_VXCAN=m
CONFIG_CAN_NETLINK=y
CONFIG_CAN_CALC_BITTIMING=y
CONFIG_CAN_RX_OFFLOAD=y
# CONFIG_CAN_CAN327 is not set
CONFIG_CAN_JANZ_ICAN3=m
CONFIG_CAN_KVASER_PCIEFD=m
CONFIG_CAN_SLCAN=m
CONFIG_CAN_C_CAN=m
CONFIG_CAN_C_CAN_PLATFORM=m
CONFIG_CAN_C_CAN_PCI=m

```

BKM

```

CONFIG_CAN_CC770=m
CONFIG_CAN_CC770_ISA=m
CONFIG_CAN_CC770_PLATFORM=m
# CONFIG_CAN_CTUCANFD_PCI is not set
# CONFIG_CAN_ESD_402_PCI is not set
CONFIG_CAN_IFI_CANFD=m
CONFIG_CAN_M_CAN=m
CONFIG_CAN_M_CAN_PCI=m
CONFIG_CAN_M_CAN_PLATFORM=m
CONFIG_CAN_M_CAN_TCAN4X5X=m
CONFIG_CAN_PEAK_PCIEFD=m
CONFIG_CAN_SJA1000=m
CONFIG_CAN_EMS_PCI=m
CONFIG_CAN_EMS_PCMCIA=m
CONFIG_CAN_F81601=m
CONFIG_CAN_KVASER_PCI=m
CONFIG_CAN_PEAK_PCI=m
CONFIG_CAN_PEAK_PCIEC=y
CONFIG_CAN_PEAK_PCMCIA=m
CONFIG_CAN_PLX_PCI=m
CONFIG_CAN_SJA1000_ISA=m
CONFIG_CAN_SJA1000_PLATFORM=m
CONFIG_CAN_SOFTING=m
CONFIG_CAN_SOFTING_CS=m

#
# CAN SPI interfaces

```

```
#  
CONFIG_CAN_HI311X=m  
CONFIG_CAN_MCP251X=m  
CONFIG_CAN_MCP251XFD=m  
# CONFIG_CAN_MCP251XFD_SANITY is not set  
# end of CAN SPI interfaces
```

```
#  
# CAN USB interfaces  
#  
CONFIG_CAN_8DEV_USB=m  
CONFIG_CAN_EMS_USB=m  
# CONFIG_CAN_ESD_USB is not set  
# CONFIG_CAN_ETAS_ES58X is not set  
# CONFIG_CAN_F81604 is not set  
CONFIG_CAN_GS_USB=m  
CONFIG_CAN_KVASER_USB=m  
CONFIG_CAN_MCBA_USB=m  
CONFIG_CAN_PEAK_USB=m  
CONFIG_CAN_UCAN=m  
# end of CAN USB interfaces
```

```
# CONFIG_CAN_DEBUG_DEVICES is not set  
CONFIG_MDIO_DEVICE=y  
CONFIG_MDIO_BUS=y  
CONFIG_FWNODE_MDIO=y  
CONFIG_ACPI_MDIO=y
```


BKM

```
CONFIG_MDIO_DEVRES=y
CONFIG_MDIO_BITBANG=m
CONFIG_MDIO_BCM_UNIMAC=m
CONFIG_MDIO_CAVIUM=m
CONFIG_MDIO_GPIO=m
CONFIG_MDIO_I2C=m
CONFIG_MDIO_MVUSB=m
CONFIG_MDIO_MSCC_MIIM=m
CONFIG_MDIO_REGMAP=m
CONFIG_MDIO_THUNDER=m
```

```
#
```

```
# MDIO Multiplexers
```

```
#
```

```
#
```

```
# PCS device drivers
```

```
#
```

```
CONFIG_PCS_XPCS=m
```

```
CONFIG_PCS_LYNX=m
```

```
CONFIG_PCS_MTK_LYNXI=m
```

```
# end of PCS device drivers
```

```
CONFIG_PLIP=m
```

```
CONFIG_PPP=y
```

```
CONFIG_PPP_BSDCOMP=m
```

```
CONFIG_PPP_DEFLATE=m
```

```

CONFIG_PPP_FILTER=y
CONFIG_PPP_MPPE=m
CONFIG_PPP_MULTILINK=y
CONFIG_PPPOATM=m
CONFIG_PPPOE=m
# CONFIG_PPPOE_HASH_BITS_1 is not set
# CONFIG_PPPOE_HASH_BITS_2 is not set
CONFIG_PPPOE_HASH_BITS_4=y
# CONFIG_PPPOE_HASH_BITS_8 is not set
CONFIG_PPPOE_HASH_BITS=4
CONFIG_PPTP=m
CONFIG_PPPOL2TP=m
CONFIG_PPP_ASYNC=m
CONFIG_PPP_SYNC_TTY=m
CONFIG_SLIP=m
CONFIG_SLHC=y
CONFIG_SLIP_COMPRESSED=y
CONFIG_SLIP_SMART=y
CONFIG_SLIP_MODE_SLIP6=y
CONFIG_USB_NET_DRIVERS=m
CONFIG_USB_CATC=m
CONFIG_USB_KAWETH=m
CONFIG_USB_PEGASUS=m
CONFIG_USB_RTL8150=m
CONFIG_USB_RTL8152=m
CONFIG_USB_LAN78XX=m
CONFIG_USB_USBNET=m

```

BKM

CONFIG_USB_NET_AX8817X=m
CONFIG_USB_NET_AX88179_178A=m
CONFIG_USB_NET_CDCETHER=m
CONFIG_USB_NET_CDC_EEM=m
CONFIG_USB_NET_CDC_NCM=m
CONFIG_USB_NET_HUAWEI_CDC_NCM=m
CONFIG_USB_NET_CDC_MBIM=m
CONFIG_USB_NET_DM9601=m
CONFIG_USB_NET_SR9700=m
CONFIG_USB_NET_SR9800=m
CONFIG_USB_NET_SMSC75XX=m
CONFIG_USB_NET_SMSC95XX=m
CONFIG_USB_NET_GL620A=m
CONFIG_USB_NET_NET1080=m
CONFIG_USB_NET_PLUSB=m
CONFIG_USB_NET_MCS7830=m
CONFIG_USB_NET_RNDIS_HOST=m
CONFIG_USB_NET_CDC_SUBSET_ENABLE=m
CONFIG_USB_NET_CDC_SUBSET=m
CONFIG_USB_ALI_M5632=y
CONFIG_USB_AN2720=y
CONFIG_USB_BELKIN=y
CONFIG_USB_ARMLINUX=y
CONFIG_USB_EPSON2888=y
CONFIG_USB_KC2190=y
CONFIG_USB_NET_ZAURUS=m
CONFIG_USB_NET_CX82310_ETH=m

```

CONFIG_USB_NET_KALMIA=m
CONFIG_USB_NET_QMI_WWAN=m
CONFIG_USB_HSO=m
CONFIG_USB_NET_INT51X1=m
CONFIG_USB_CDC_PHONET=m
CONFIG_USB_IPHETH=m
CONFIG_USB_SIERRA_NET=m
CONFIG_USB_VL600=m
CONFIG_USB_NET_CH9200=m
CONFIG_USB_NET_AQC111=m
CONFIG_USB_RTL8153_ECM=m
CONFIG_WLAN=y
CONFIG_WLAN_VENDOR_ADMTEK=y
CONFIG_ADM8211=m
CONFIG_ATH_COMMON=m
CONFIG_WLAN_VENDOR_ATH=y
# CONFIG_ATH_DEBUG is not set
CONFIG_ATH5K=m
# CONFIG_ATH5K_DEBUG is not set
# CONFIG_ATH5K_TRACER is not set
CONFIG_ATH5K_PCI=y
CONFIG_ATH9K_HW=m
CONFIG_ATH9K_COMMON=m
CONFIG_ATH9K_COMMON_DEBUG=y
CONFIG_ATH9K_BTCOEX_SUPPORT=y
CONFIG_ATH9K=m
CONFIG_ATH9K_PCI=y

```

BKM

```

CONFIG_ATH9K_AHB=y
CONFIG_ATH9K_DEBUGFS=y
CONFIG_ATH9K_STATION_STATISTICS=y
# CONFIG_ATH9K_DYNACK is not set
CONFIG_ATH9K_WOW=y
CONFIG_ATH9K_RFKILL=y
CONFIG_ATH9K_CHANNEL_CONTEXT=y
CONFIG_ATH9K_PCOEM=y
CONFIG_ATH9K_PCI_NO_EEPROM=m
CONFIG_ATH9K_HTC=m
CONFIG_ATH9K_HTC_DEBUGFS=y
CONFIG_ATH9K_HWRNG=y
CONFIG_ATH9K_COMMON_SPECTRAL=y
CONFIG_CARL9170=m
CONFIG_CARL9170_LEDS=y
# CONFIG_CARL9170_DEBUGFS is not set
CONFIG_CARL9170_WPC=y
CONFIG_CARL9170_HWRNG=y
CONFIG_ATH6KL=m
CONFIG_ATH6KL_SDIO=m
CONFIG_ATH6KL_USB=m
# CONFIG_ATH6KL_DEBUG is not set
# CONFIG_ATH6KL_TRACING is not set
CONFIG_AR5523=m
CONFIG_WIL6210=m
CONFIG_WIL6210_ISR_COR=y
CONFIG_WIL6210_TRACING=y

```

```

CONFIG_WIL6210_DEBUGFS=y

CONFIG_ATH10K=m

CONFIG_ATH10K_CE=y

CONFIG_ATH10K_PCI=m

CONFIG_ATH10K_SDIO=m

CONFIG_ATH10K_USB=m

# CONFIG_ATH10K_DEBUG is not set

CONFIG_ATH10K_DEBUGFS=y

CONFIG_ATH10K_SPECTRAL=y

CONFIG_ATH10K_TRACING=y

CONFIG_WCN36XX=m

# CONFIG_WCN36XX_DEBUGFS is not set

CONFIG_ATH11K=m

CONFIG_ATH11K_AHB=m

CONFIG_ATH11K_PCI=m

# CONFIG_ATH11K_DEBUG is not set

# CONFIG_ATH11K_DEBUGFS is not set

# CONFIG_ATH11K_TRACING is not set

# CONFIG_ATH12K is not set

CONFIG_WLAN_VENDOR_ATMEL=y

CONFIG_AT76C50X_USB=m

CONFIG_WLAN_VENDOR_BROADCOM=y

CONFIG_B43=m

CONFIG_B43_BCMA=y

CONFIG_B43_SSB=y

CONFIG_B43_BUSES_BCMA_AND_SSB=y

# CONFIG_B43_BUSES_BCMA is not set

```

BKM

```
# CONFIG_B43_BUSES_SSB is not set

CONFIG_B43_PCI_AUTOSELECT=y

CONFIG_B43_PCICORE_AUTOSELECT=y

# CONFIG_B43_SDIO is not set

CONFIG_B43_BCMA_PIO=y

CONFIG_B43_PIO=y

CONFIG_B43_PHY_G=y

CONFIG_B43_PHY_N=y

CONFIG_B43_PHY_LP=y

CONFIG_B43_PHY_HT=y

CONFIG_B43_LEDS=y

CONFIG_B43_HWRNG=y

# CONFIG_B43_DEBUG is not set

CONFIG_B43LEGACY=m

CONFIG_B43LEGACY_PCI_AUTOSELECT=y

CONFIG_B43LEGACY_PCICORE_AUTOSELECT=y

CONFIG_B43LEGACY_LEDS=y

CONFIG_B43LEGACY_HWRNG=y

# CONFIG_B43LEGACY_DEBUG is not set

CONFIG_B43LEGACY_DMA=y

CONFIG_B43LEGACY_PIO=y

CONFIG_B43LEGACY_DMA_AND_PIO_MODE=y

# CONFIG_B43LEGACY_DMA_MODE is not set

# CONFIG_B43LEGACY_PIO_MODE is not set

CONFIG_BRCMUTIL=m

CONFIG_BRCMSMAC=m

CONFIG_BRCMSMAC_LEDS=y
```

```

CONFIG_BRCMFMAC=m
CONFIG_BRCMFMAC_PROTO_BCDC=y
CONFIG_BRCMFMAC_PROTO_MSGBUF=y
CONFIG_BRCMFMAC_SDIO=y
CONFIG_BRCMFMAC_USB=y
CONFIG_BRCMFMAC_PCIE=y
CONFIG_BRCM_TRACING=y
# CONFIG_BRCMDBG is not set
CONFIG_WLAN_VENDOR_INTEL=y
CONFIG_IPW2100=m
CONFIG_IPW2100_MONITOR=y
# CONFIG_IPW2100_DEBUG is not set
CONFIG_IPW2200=m
CONFIG_IPW2200_MONITOR=y
CONFIG_IPW2200_RADIOTAP=y
CONFIG_IPW2200_PROMISCUOUS=y
CONFIG_IPW2200_QOS=y
# CONFIG_IPW2200_DEBUG is not set
CONFIG_LIBIPW=m
# CONFIG_LIBIPW_DEBUG is not set
CONFIG_IWLEGACY=m
CONFIG_IWL4965=m
CONFIG_IWL3945=m

#
# iwl3945 / iwl4965 Debugging Options
#

```


BKM

```
# CONFIG_IWLEGACY_DEBUG is not set
CONFIG_IWLEGACY_DEBUGFS=y
# end of iwl3945 / iwl4965 Debugging Options
```

```
CONFIG_IWLWIFI=m
CONFIG_IWLWIFI_LEDS=y
CONFIG_IWLWIFI_DVM=m
CONFIG_IWLWIFI_MVM=m
CONFIG_IWLWIFI_OPMODE_MODULAR=y
```

```
#
# Debugging Options
#
# CONFIG_IWLWIFI_DEBUG is not set
CONFIG_IWLWIFI_DEBUGFS=y
CONFIG_IWLWIFI_DEVICE_TRACING=y
# end of Debugging Options
```

```
CONFIG_WLAN_VENDOR_INTERSIL=y
CONFIG_P54_COMMON=m
CONFIG_P54_USB=m
CONFIG_P54_PCI=m
CONFIG_P54_SPI=m
# CONFIG_P54_SPI_DEFAULT_EEPROM is not set
CONFIG_P54_LEDS=y
CONFIG_WLAN_VENDOR_MARVELL=y
CONFIG_LIBERTAS=m
```

```

CONFIG_LIBERTAS_USB=m
CONFIG_LIBERTAS_SDIO=m
CONFIG_LIBERTAS_SPI=m
# CONFIG_LIBERTAS_DEBUG is not set
CONFIG_LIBERTAS_MESH=y
CONFIG_LIBERTAS_THINFIRM=m
# CONFIG_LIBERTAS_THINFIRM_DEBUG is not set
CONFIG_LIBERTAS_THINFIRM_USB=m
CONFIG_MWIFIEX=m
CONFIG_MWIFIEX_SDIO=m
CONFIG_MWIFIEX_PCIE=m
CONFIG_MWIFIEX_USB=m
CONFIG_MWL8K=m
CONFIG_WLAN_VENDOR_MEDIATEK=y
CONFIG_MT7601U=m
CONFIG_MT76_CORE=m
CONFIG_MT76_LEDS=y
CONFIG_MT76_USB=m
CONFIG_MT76_SDIO=m
CONFIG_MT76x02_LIB=m
CONFIG_MT76x02_USB=m
CONFIG_MT76_CONNAC_LIB=m
CONFIG_MT792x_LIB=m
CONFIG_MT76x0_COMMON=m
CONFIG_MT76x0U=m
CONFIG_MT76x0E=m
CONFIG_MT76x2_COMMON=m

```

BKM

```

CONFIG_MT76x2E=m
CONFIG_MT76x2U=m
CONFIG_MT7603E=m
CONFIG_MT7615_COMMON=m
CONFIG_MT7615E=m
CONFIG_MT7663_USB_SDIO_COMMON=m
CONFIG_MT7663U=m
CONFIG_MT7663S=m
CONFIG_MT7915E=m
CONFIG_MT7921_COMMON=m
CONFIG_MT7921E=m
# CONFIG_MT7921S is not set
# CONFIG_MT7921U is not set
# CONFIG_MT7996E is not set
# CONFIG_MT7925E is not set
# CONFIG_MT7925U is not set
CONFIG_WLAN_VENDOR_MICROCHIP=y
CONFIG_WILC1000=m
CONFIG_WILC1000_SDIO=m
CONFIG_WILC1000_SPI=m
CONFIG_WILC1000_HW_OOB_INTR=y
CONFIG_WLAN_VENDOR_PURELIFI=y
# CONFIG_PLFXLC is not set
CONFIG_WLAN_VENDOR_RALINK=y
CONFIG_RT2X00=m
CONFIG_RT2400PCI=m
CONFIG_RT2500PCI=m

```

```

CONFIG_RT61PCI=m
CONFIG_RT2800PCI=m
CONFIG_RT2800PCI_RT33XX=y
CONFIG_RT2800PCI_RT35XX=y
CONFIG_RT2800PCI_RT53XX=y
CONFIG_RT2800PCI_RT3290=y
CONFIG_RT2500USB=m
CONFIG_RT73USB=m
CONFIG_RT2800USB=m
CONFIG_RT2800USB_RT33XX=y
CONFIG_RT2800USB_RT35XX=y
CONFIG_RT2800USB_RT3573=y
CONFIG_RT2800USB_RT53XX=y
CONFIG_RT2800USB_RT55XX=y
CONFIG_RT2800USB_UNKNOWN=y
CONFIG_RT2800_LIB=m
CONFIG_RT2800_LIB_MMIO=m
CONFIG_RT2X00_LIB_MMIO=m
CONFIG_RT2X00_LIB_PCI=m
CONFIG_RT2X00_LIB_USB=m
CONFIG_RT2X00_LIB=m
CONFIG_RT2X00_LIB_FIRMWARE=y
CONFIG_RT2X00_LIB_CRYPT=y
CONFIG_RT2X00_LIB_LEDS=y
# CONFIG_RT2X00_LIB_DEBUGFS is not set
# CONFIG_RT2X00_DEBUG is not set
CONFIG_WLAN_VENDOR_REALTEK=y

```

BKM

```
CONFIG_RTL8180=m
CONFIG_RTL8187=m
CONFIG_RTL8187_LEDS=y
CONFIG_RTL_CARDS=m
CONFIG_RTL8192CE=m
CONFIG_RTL8192SE=m
CONFIG_RTL8192DE=m
CONFIG_RTL8723AE=m
CONFIG_RTL8723BE=m
CONFIG_RTL8188EE=m
CONFIG_RTL8192EE=m
CONFIG_RTL8821AE=m
CONFIG_RTL8192CU=m
CONFIG_RTLWIFI=m
CONFIG_RTLWIFI_PCI=m
CONFIG_RTLWIFI_USB=m
# CONFIG_RTLWIFI_DEBUG is not set
CONFIG_RTL8192C_COMMON=m
CONFIG_RTL8723_COMMON=m
CONFIG_RTLBTCOEXIST=m
CONFIG_RTL8XXXU=m
CONFIG_RTL8XXXU_UNTESTED=y
CONFIG_RTW88=m
CONFIG_RTW88_CORE=m
CONFIG_RTW88_PCI=m
CONFIG_RTW88_8822B=m
CONFIG_RTW88_8822C=m
```

```

CONFIG_RTW88_8723D=m
CONFIG_RTW88_8821C=m
CONFIG_RTW88_8822BE=m
# CONFIG_RTW88_8822BS is not set
# CONFIG_RTW88_8822BU is not set
CONFIG_RTW88_8822CE=m
# CONFIG_RTW88_8822CS is not set
# CONFIG_RTW88_8822CU is not set
CONFIG_RTW88_8723DE=m
# CONFIG_RTW88_8723DS is not set
# CONFIG_RTW88_8723DU is not set
CONFIG_RTW88_8821CE=m
# CONFIG_RTW88_8821CS is not set
# CONFIG_RTW88_8821CU is not set
CONFIG_RTW88_DEBUG=y
CONFIG_RTW88_DEBUGFS=y
# CONFIG_RTW89 is not set
CONFIG_WLAN_VENDOR_RSI=y
CONFIG_RSI_91X=m
# CONFIG_RSI_DEBUGFS is not set
CONFIG_RSI_SDIO=m
CONFIG_RSI_USB=m
CONFIG_RSI_COEX=y
CONFIG_WLAN_VENDOR_SILABS=y
CONFIG_WFX=m
CONFIG_WLAN_VENDOR_ST=y
CONFIG_CW1200=m

```

BKM

```

CONFIG_CW1200_WLAN_SDIO=m
CONFIG_CW1200_WLAN_SPI=m
CONFIG_WLAN_VENDOR_TI=y
CONFIG_WL1251=m
CONFIG_WL1251_SPI=m
CONFIG_WL1251_SDIO=m
CONFIG_WL12XX=m
CONFIG_WL18XX=m
CONFIG_WLCORE=m
CONFIG_WLCORE_SDIO=m
CONFIG_WLAN_VENDOR_ZYDAS=y
CONFIG_ZD1211RW=m
# CONFIG_ZD1211RW_DEBUG is not set
CONFIG_WLAN_VENDOR_QUANTENNA=y
CONFIG_QTNFMAC=m
CONFIG_QTNFMAC_PCIE=m
CONFIG_MAC80211_HWSIM=m
CONFIG_VIRT_WIFI=m
CONFIG_WAN=y
CONFIG_HDLC=m
CONFIG_HDLC_RAW=m
CONFIG_HDLC_RAW_ETH=m
CONFIG_HDLC_CISCO=m
CONFIG_HDLC_FR=m
CONFIG_HDLC_PPP=m
CONFIG_HDLC_X25=m
# CONFIG_FRAMER is not set

```

```

CONFIG_PCI200SYN=m

CONFIG_WANXL=m

CONFIG_PC300TOO=m

CONFIG_FARSYNC=m

CONFIG_LAPBETHER=m

CONFIG_IEEE802154_DRIVERS=m

CONFIG_IEEE802154_FAKELB=m

CONFIG_IEEE802154_AT86RF230=m

CONFIG_IEEE802154_MRF24J40=m

CONFIG_IEEE802154_CC2520=m

CONFIG_IEEE802154_ATUSB=m

CONFIG_IEEE802154_ADF7242=m

CONFIG_IEEE802154_CA8210=m

CONFIG_IEEE802154_CA8210_DEBUGFS=y

CONFIG_IEEE802154_MCR20A=m

CONFIG_IEEE802154_HWSIM=m


#

# Wireless WAN

#

CONFIG_WWAN=y

CONFIG_WWAN_DEBUGFS=y

# CONFIG_WWAN_HWSIM is not set

CONFIG_MHI_WWAN_CTRL=m

# CONFIG_MHI_WWAN_MBIM is not set

# CONFIG_RPMSG_WWAN_CTRL is not set

CONFIG_IOSM=y

```


BKM

```
# CONFIG_MTK_T7XX is not set

# end of Wireless WAN


CONFIG_XEN_NETDEV_FRONTEND=y
CONFIG_XEN_NETDEV_BACKEND=m
CONFIG_VMXNET3=m
CONFIG_FUJITSU_ES=m
CONFIG_USB4_NET=m
CONFIG_HYPERV_NET=m
CONFIG_NETDEVSIM=m
CONFIG_NET_FAILOVER=m
CONFIG_ISDN=y
CONFIG_ISDN_CAPI=y
CONFIG_CAPI_TRACE=y
CONFIG_ISDN_CAPI_MIDDLEWARE=y
CONFIG_MISDN=m
CONFIG_MISDN_DSP=m
CONFIG_MISDN_L1OIP=m


#

# mISDN hardware drivers

#

CONFIG_MISDN_HFCPCI=m
CONFIG_MISDN_HFCMULTI=m
CONFIG_MISDN_HFCUSB=m
CONFIG_MISDN_AVMFRITZ=m
CONFIG_MISDN_SPEEDFAX=m
```

```
CONFIG_MISDN_INFINEON=m
CONFIG_MISDN_W6692=m
CONFIG_MISDN_NETJET=m
CONFIG_MISDN_HDLC=m
CONFIG_MISDN_IPAC=m
CONFIG_MISDN_ISAR=m

#
# Input device support
#
CONFIG_INPUT=y
CONFIG_INPUT_LEDS=m
CONFIG_INPUT_FF_MEMLESS=m
CONFIG_INPUT_SPARSEKMAP=m
CONFIG_INPUT_MATRIXKMAP=m
CONFIG_INPUT_VIVALDIFMAP=y

#
# Userland interfaces
#
CONFIG_INPUT_MOUSEDEV=y
CONFIG_INPUT_MOUSEDEV_PSAUX=y
CONFIG_INPUT_MOUSEDEV_SCREEN_X=1024
CONFIG_INPUT_MOUSEDEV_SCREEN_Y=768
CONFIG_INPUT_JOYDEV=m
CONFIG_INPUT_EVDEV=y
CONFIG_INPUT_EVBUG=m
```

```
#  
  
# Input Device Drivers  
  
#  
  
CONFIG_INPUT_KEYBOARD=y  
  
CONFIG_KEYBOARD_ADC=m  
  
CONFIG_KEYBOARD_ADP5520=m  
  
CONFIG_KEYBOARD_ADP5588=m  
  
CONFIG_KEYBOARD_ADP5589=m  
  
CONFIG_KEYBOARD_APPLESPI=m  
  
CONFIG_KEYBOARD_ATKBD=y  
  
CONFIG_KEYBOARD_QT1050=m  
  
CONFIG_KEYBOARD_QT1070=m  
  
CONFIG_KEYBOARD_QT2160=m  
  
CONFIG_KEYBOARD_DLINK_DIR685=m  
  
CONFIG_KEYBOARD_LKKBD=m  
  
CONFIG_KEYBOARD_GPIO=m  
  
CONFIG_KEYBOARD_GPIO_POLLED=m  
  
CONFIG_KEYBOARD_TCA6416=m  
  
CONFIG_KEYBOARD_TCA8418=m  
  
CONFIG_KEYBOARD_MATRIX=m  
  
CONFIG_KEYBOARD_LM8323=m  
  
CONFIG_KEYBOARD_LM8333=m  
  
CONFIG_KEYBOARD_MAX7359=m  
  
CONFIG_KEYBOARD_MCS=m  
  
CONFIG_KEYBOARD_MPR121=m  
  
CONFIG_KEYBOARD_NEWTON=m
```

```

CONFIG_KEYBOARD_OPENCORES=m
# CONFIG_KEYBOARD_PINEPHONE is not set
CONFIG_KEYBOARD_SAMSUNG=m
CONFIG_KEYBOARD_STOWAWAY=m
CONFIG_KEYBOARD_SUNKBD=m
CONFIG_KEYBOARD_IQS62X=m
CONFIG_KEYBOARD_TM2_TOUCHKEY=m
CONFIG_KEYBOARD_TWL4030=m
CONFIG_KEYBOARD_XTKBD=m
CONFIG_KEYBOARD_CROS_EC=m
CONFIG_KEYBOARD_MTK_PMIC=m
# CONFIG_KEYBOARD_CYPRESS_SF is not set
CONFIG_INPUT_MOUSE=y
CONFIG_MOUSE_PS2=m
CONFIG_MOUSE_PS2_ALPS=y
CONFIG_MOUSE_PS2_BYD=y
CONFIG_MOUSE_PS2_LOGIPS2PP=y
CONFIG_MOUSE_PS2_SYNAPTICS=y
CONFIG_MOUSE_PS2_SYNAPTICS_SMBUS=y
CONFIG_MOUSE_PS2_CYPRESS=y
CONFIG_MOUSE_PS2_LIFEBOOK=y
CONFIG_MOUSE_PS2_TRACKPOINT=y
CONFIG_MOUSE_PS2_ELANTECH=y
CONFIG_MOUSE_PS2_ELANTECH_SMBUS=y
CONFIG_MOUSE_PS2_SENTELIC=y
CONFIG_MOUSE_PS2_TOUCHKIT=y
CONFIG_MOUSE_PS2_FOCALTECH=y

```

BKM

```

CONFIG_MOUSE_PS2_VMMOUSE=y
CONFIG_MOUSE_PS2_SMBUS=y
CONFIG_MOUSE_SERIAL=m
CONFIG_MOUSE_APPLETOUCH=m
CONFIG_MOUSE_BCM5974=m
CONFIG_MOUSE_CYAPA=m
CONFIG_MOUSE_ELAN_I2C=m
CONFIG_MOUSE_ELAN_I2C_I2C=y
CONFIG_MOUSE_ELAN_I2C_SMBUS=y
CONFIG_MOUSE_VSXXXAA=m
CONFIG_MOUSE_GPIO=m
CONFIG_MOUSE_SYNAPTICS_I2C=m
CONFIG_MOUSE_SYNAPTICS_USB=m
CONFIG_INPUT_JOYSTICK=y
CONFIG_JOYSTICK_ANALOG=m
CONFIG_JOYSTICK_A3D=m
CONFIG_JOYSTICK_ADC=m
CONFIG_JOYSTICK_ADI=m
CONFIG_JOYSTICK_COBRA=m
CONFIG_JOYSTICK_GF2K=m
CONFIG_JOYSTICK_GRIP=m
CONFIG_JOYSTICK_GRIP_MP=m
CONFIG_JOYSTICK_GUILLEMOT=m
CONFIG_JOYSTICK_INTERACT=m
CONFIG_JOYSTICK_SIDEWINDER=m
CONFIG_JOYSTICK_TMDC=m
CONFIG_JOYSTICK_IFORCE=m

```

```
CONFIG_JOYSTICK_IFORCE_USB=m
CONFIG_JOYSTICK_IFORCE_232=m
CONFIG_JOYSTICK_WARRIOR=m
CONFIG_JOYSTICK_MAGELLAN=m
CONFIG_JOYSTICK_SPACEORB=m
CONFIG_JOYSTICK_SPACEBALL=m
CONFIG_JOYSTICK_STINGER=m
CONFIG_JOYSTICK_TWIDJOY=m
CONFIG_JOYSTICK_ZHENHUA=m
CONFIG_JOYSTICK_DB9=m
CONFIG_JOYSTICK_GAMECON=m
CONFIG_JOYSTICK_TURBOGRAFX=m
CONFIG_JOYSTICK_AS5011=m
CONFIG_JOYSTICK_JOYDUMP=m
CONFIG_JOYSTICK_XPAD=m
CONFIG_JOYSTICK_XPAD_FF=y
CONFIG_JOYSTICK_XPAD_LEDS=y
CONFIG_JOYSTICK_WALKERA0701=m
CONFIG_JOYSTICK_PSXPAD_SPI=m
CONFIG_JOYSTICK_PSXPAD_SPI_FF=y
CONFIG_JOYSTICK_PXRC=m
# CONFIG_JOYSTICK_QWIIIC is not set
CONFIG_JOYSTICK_FSIA6B=m
# CONFIG_JOYSTICK_SENSEHAT is not set
# CONFIG_JOYSTICK_SEESAW is not set
CONFIG_INPUT_TABLET=y
CONFIG_TABLET_USB_ACECAD=m
```

BKM

```

CONFIG_TABLET_USB_AIPTEK=m
CONFIG_TABLET_USB_HANWANG=m
CONFIG_TABLET_USB_KBTAB=m
CONFIG_TABLET_USB_PEGASUS=m
CONFIG_TABLET_SERIAL_WACOM4=m
CONFIG_INPUT_TOUCHSCREEN=y
CONFIG_TOUCHSCREEN_88PM860X=m
CONFIG_TOUCHSCREEN_ADS7846=m
CONFIG_TOUCHSCREEN_AD7877=m
CONFIG_TOUCHSCREEN_AD7879=m
CONFIG_TOUCHSCREEN_AD7879_I2C=m
CONFIG_TOUCHSCREEN_AD7879_SPI=m
CONFIG_TOUCHSCREEN_ADC=m
CONFIG_TOUCHSCREEN_ATMEL_MXT=m
CONFIG_TOUCHSCREEN_ATMEL_MXT_T37=y
CONFIG_TOUCHSCREEN_AUO_PIXCIR=m
CONFIG_TOUCHSCREEN_BU21013=m
CONFIG_TOUCHSCREEN_BU21029=m
CONFIG_TOUCHSCREEN_CHIPONE_ICN8505=m
CONFIG_TOUCHSCREEN_CY8CTMA140=m
CONFIG_TOUCHSCREEN_CY8CTMG110=m
CONFIG_TOUCHSCREEN_CYTTSP_CORE=m
CONFIG_TOUCHSCREEN_CYTTSP_I2C=m
CONFIG_TOUCHSCREEN_CYTTSP_SPI=m
CONFIG_TOUCHSCREEN_CYTTSP4_CORE=m
CONFIG_TOUCHSCREEN_CYTTSP4_I2C=m
CONFIG_TOUCHSCREEN_CYTTSP4_SPI=m

```

```
# CONFIG_TOUCHSCREEN_CYTTSP5 is not set
CONFIG_TOUCHSCREEN_DA9034=m
CONFIG_TOUCHSCREEN_DA9052=m
CONFIG_TOUCHSCREEN_DYNAPRO=m
CONFIG_TOUCHSCREEN_HAMPSHIRE=m
CONFIG_TOUCHSCREEN_EETI=m
CONFIG_TOUCHSCREEN_EGALAX_SERIAL=m
CONFIG_TOUCHSCREEN_EXC3000=m
CONFIG_TOUCHSCREEN_FUJITSU=m
CONFIG_TOUCHSCREEN_GOODIX=m
# CONFIG_TOUCHSCREEN_GOODIX_BERLIN_I2C is not set
# CONFIG_TOUCHSCREEN_GOODIX_BERLIN_SPI is not set
CONFIG_TOUCHSCREEN_HIDEEP=m
# CONFIG_TOUCHSCREEN_HYCON_HY46XX is not set
# CONFIG_TOUCHSCREEN_HYNITRON_CSTXXX is not set
CONFIG_TOUCHSCREEN_ILI210X=m
# CONFIG_TOUCHSCREEN_ILITEK is not set
CONFIG_TOUCHSCREEN_S6SY761=m
CONFIG_TOUCHSCREEN_GUNZE=m
CONFIG_TOUCHSCREEN_EKTF2127=m
CONFIG_TOUCHSCREEN_ELAN=y
CONFIG_TOUCHSCREEN_ELO=m
CONFIG_TOUCHSCREEN_WACOM_W8001=m
CONFIG_TOUCHSCREEN_WACOM_I2C=m
CONFIG_TOUCHSCREEN_MAX11801=m
CONFIG_TOUCHSCREEN_MCS5000=m
CONFIG_TOUCHSCREEN_MMS114=m
```


BKM

```

CONFIG_TOUCHSCREEN_MELFAS_MIP4=m
# CONFIG_TOUCHSCREEN_MSG2638 is not set
CONFIG_TOUCHSCREEN_MTOUCH=m
# CONFIG_TOUCHSCREEN_NOVATEK_NVT_TS is not set
# CONFIG_TOUCHSCREEN_IMAGIS is not set
CONFIG_TOUCHSCREEN_INEXIO=m
CONFIG_TOUCHSCREEN_PENMOUNT=m
CONFIG_TOUCHSCREEN_EDT_FT5X06=m
CONFIG_TOUCHSCREEN_TOUCHRIGHT=m
CONFIG_TOUCHSCREEN_TOUCHWIN=m
CONFIG_TOUCHSCREEN_PIXCIR=m
CONFIG_TOUCHSCREEN_WDT87XX_I2C=m
CONFIG_TOUCHSCREEN_WM831X=m
CONFIG_TOUCHSCREEN_WM97XX=m
CONFIG_TOUCHSCREEN_WM9705=y
CONFIG_TOUCHSCREEN_WM9712=y
CONFIG_TOUCHSCREEN_WM9713=y
CONFIG_TOUCHSCREEN_USB_COMPOSITE=m
CONFIG_TOUCHSCREEN_MC13783=m
CONFIG_TOUCHSCREEN_USB_EGALAX=y
CONFIG_TOUCHSCREEN_USB_PANJIT=y
CONFIG_TOUCHSCREEN_USB_3M=y
CONFIG_TOUCHSCREEN_USB_ITM=y
CONFIG_TOUCHSCREEN_USB_ETURBO=y
CONFIG_TOUCHSCREEN_USB_GUNZE=y
CONFIG_TOUCHSCREEN_USB_DMC_TSC10=y
CONFIG_TOUCHSCREEN_USB_IRTOUCH=y

```

```

CONFIG_TOUCHSCREEN_USB_IDEALTEK=y
CONFIG_TOUCHSCREEN_USB_GENERAL_TOUCH=y
CONFIG_TOUCHSCREEN_USB_GOTOP=y
CONFIG_TOUCHSCREEN_USB_JASTEC=y
CONFIG_TOUCHSCREEN_USB_ELO=y
CONFIG_TOUCHSCREEN_USB_E2I=y
CONFIG_TOUCHSCREEN_USB_ZYTRONIC=y
CONFIG_TOUCHSCREEN_USB_ETT_TC45USB=y
CONFIG_TOUCHSCREEN_USB_NEXIO=y
CONFIG_TOUCHSCREEN_USB_EASYTOUCH=y
CONFIG_TOUCHSCREEN_TOUCHIT213=m
CONFIG_TOUCHSCREEN_TSC_SERIO=m
CONFIG_TOUCHSCREEN_TSC200X_CORE=m
CONFIG_TOUCHSCREEN_TSC2004=m
CONFIG_TOUCHSCREEN_TSC2005=m
CONFIG_TOUCHSCREEN_TSC2007=m
CONFIG_TOUCHSCREEN_TSC2007_IIO=y
CONFIG_TOUCHSCREEN_PCAP=m
CONFIG_TOUCHSCREEN_RM_TS=m
CONFIG_TOUCHSCREEN_SILEAD=m
CONFIG_TOUCHSCREEN_SIS_I2C=m
CONFIG_TOUCHSCREEN_ST1232=m
CONFIG_TOUCHSCREEN_STMFTS=m
CONFIG_TOUCHSCREEN_SUR40=m
CONFIG_TOUCHSCREEN_SURFACE3_SPI=m
CONFIG_TOUCHSCREEN_SX8654=m
CONFIG_TOUCHSCREEN_TPS6507X=m

```

BKM

```

CONFIG_TOUCHSCREEN_ZET6223=m
CONFIG_TOUCHSCREEN_ZFORCE=m
# CONFIG_TOUCHSCREEN_COLIBRI_VF50 is not set
CONFIG_TOUCHSCREEN_ROHM_BU21023=m
CONFIG_TOUCHSCREEN_IQS5XX=m
# CONFIG_TOUCHSCREEN_IQS7211 is not set
CONFIG_TOUCHSCREEN_ZINITIX=m
# CONFIG_TOUCHSCREEN_HIMAX_HX83112B is not set
CONFIG_INPUT_MISC=y
CONFIG_INPUT_88PM860X_ONKEY=m
CONFIG_INPUT_88PM80X_ONKEY=m
CONFIG_INPUT_AD714X=m
CONFIG_INPUT_AD714X_I2C=m
CONFIG_INPUT_AD714X_SPI=m
CONFIG_INPUT_ARIZONA_HAPTICS=m
CONFIG_INPUT_BMA150=m
CONFIG_INPUT_E3X0_BUTTON=m
CONFIG_INPUT_PCSPKR=m
CONFIG_INPUT_MAX77693_HAPTIC=m
CONFIG_INPUT_MAX8925_ONKEY=m
CONFIG_INPUT_MAX8997_HAPTIC=m
CONFIG_INPUT_MC13783_PWRBUTTON=m
CONFIG_INPUT_MMA8450=m
CONFIG_INPUT_APANEL=m
CONFIG_INPUT_GPIO_BEEPER=m
CONFIG_INPUT_GPIO_DECODER=m
CONFIG_INPUT_GPIO_VIBRA=m

```

```

CONFIG_INPUT_ATLAS_BTNS=m
CONFIG_INPUT_ATI_REMOTE2=m
CONFIG_INPUT_KEYSPAN_REMOTE=m
CONFIG_INPUT_KXTJ9=m
CONFIG_INPUT_POWERMATE=m
CONFIG_INPUT_YEALINK=m
CONFIG_INPUT_CM109=m
CONFIG_INPUT_REGULATOR_HAPTIC=m
CONFIG_INPUT_RETU_PWRBUTTON=m
CONFIG_INPUT_AXP20X_PEK=m
CONFIG_INPUT_TWL4030_PWRBUTTON=m
CONFIG_INPUT_TWL4030_VIBRA=m
CONFIG_INPUT_TWL6040_VIBRA=m
CONFIG_INPUT_UINPUT=y
CONFIG_INPUT_PALMAS_PWRBUTTON=m
CONFIG_INPUT_PCF50633_PMU=m
CONFIG_INPUT_PCF8574=m
CONFIG_INPUT_PWM_BEEPER=m
CONFIG_INPUT_PWM_VIBRA=m
CONFIG_INPUT_GPIO_ROTARY_ENCODER=m
CONFIG_INPUT_DA7280_HAPTICS=m
CONFIG_INPUT_DA9052_ONKEY=m
CONFIG_INPUT_DA9055_ONKEY=m
CONFIG_INPUT_DA9063_ONKEY=m
CONFIG_INPUT_WM831X_ON=m
CONFIG_INPUT_PCAP=m
CONFIG_INPUT_ADXL34X=m

```

BKM

```

CONFIG_INPUT_ADXL34X_I2C=m
CONFIG_INPUT_ADXL34X_SPI=m
CONFIG_INPUT_IMS_PCU=m
CONFIG_INPUT_IQS269A=m
# CONFIG_INPUT_IQS626A is not set
# CONFIG_INPUT_IQS7222 is not set
CONFIG_INPUT_CMA3000=m
CONFIG_INPUT_CMA3000_I2C=m
CONFIG_INPUT_XEN_KBDDEV_FRONTEND=m
CONFIG_INPUT_IDEAPAD_SLIDEBAR=m
CONFIG_INPUT_SOC_BUTTON_ARRAY=m
CONFIG_INPUT_DRV260X_HAPTICS=m
CONFIG_INPUT_DRV2665_HAPTICS=m
CONFIG_INPUT_DRV2667_HAPTICS=m
CONFIG_INPUT_RAVE_SP_PWRBUTTON=m
CONFIG_RMI4_CORE=m
CONFIG_RMI4_I2C=m
CONFIG_RMI4_SPI=m
CONFIG_RMI4_SMB=m
CONFIG_RMI4_F03=y
CONFIG_RMI4_F03_SERIO=m
CONFIG_RMI4_2D_SENSOR=y
CONFIG_RMI4_F11=y
CONFIG_RMI4_F12=y
CONFIG_RMI4_F30=y
CONFIG_RMI4_F34=y
CONFIG_RMI4_F3A=y

```

```
CONFIG_RMI4_F54=y
CONFIG_RMI4_F55=y

#
# Hardware I/O ports
#
CONFIG_SERIO=y
CONFIG_ARCH_MIGHT_HAVE_PC_SERIO=y
CONFIG_SERIO_I8042=y
CONFIG_SERIO_SERPORT=m
CONFIG_SERIO_CT82C710=m
CONFIG_SERIO_PARKBD=m
CONFIG_SERIO_PCIPS2=m
CONFIG_SERIO_LIBPS2=y
CONFIG_SERIO_RAW=m
CONFIG_SERIO_ALTERA_PS2=m
CONFIG_SERIO_PS2MULT=m
CONFIG_SERIO_ARC_PS2=m
CONFIG_HYPERV_KEYBOARD=m
CONFIG_SERIO_GPIO_PS2=m
CONFIG_USERIO=m
CONFIG_GAMEPORT=m
CONFIG_GAMEPORT_EMU10K1=m
CONFIG_GAMEPORT_FM801=m
# end of Hardware I/O ports
# end of Input device support
```

BKM

```
#
# Character devices
#
CONFIG_TTY=y
CONFIG_VT=y
CONFIG_CONSOLE_TRANSLATIONS=y
CONFIG_VT_CONSOLE=y
CONFIG_VT_CONSOLE_SLEEP=y
CONFIG_VT_HW_CONSOLE_BINDING=y
CONFIG_UNIX98_PTYS=y
CONFIG_LEGACY_PTYS=y
CONFIG_LEGACY_PTY_COUNT=0
CONFIG_LEGACY_TIOCSFI=y
CONFIG_LDISC_AUTOLOAD=y

#
# Serial drivers
#
CONFIG_SERIAL_EARLYCON=y
CONFIG_SERIAL_8250=y
# CONFIG_SERIAL_8250_DEPRECATED_OPTIONS is not set
CONFIG_SERIAL_8250_PNP=y
CONFIG_SERIAL_8250_16550A_VARIANTS=y
CONFIG_SERIAL_8250_FINTEK=y
CONFIG_SERIAL_8250_CONSOLE=y
CONFIG_SERIAL_8250_DMA=y
CONFIG_SERIAL_8250_PCILIB=y
```

```

CONFIG_SERIAL_8250_PCI=y
CONFIG_SERIAL_8250_EXAR=m
CONFIG_SERIAL_8250_CS=m
CONFIG_SERIAL_8250_MEN_MCB=m
CONFIG_SERIAL_8250_NR_UARTS=48
CONFIG_SERIAL_8250_RUNTIME_UARTS=32
CONFIG_SERIAL_8250_EXTENDED=y
CONFIG_SERIAL_8250_MANY_PORTS=y
# CONFIG_SERIAL_8250_PCI1XXXX is not set
CONFIG_SERIAL_8250_SHARE_IRQ=y
# CONFIG_SERIAL_8250_DETECT_IRQ is not set
CONFIG_SERIAL_8250_RSA=y
CONFIG_SERIAL_8250_DWLIB=y
# CONFIG_SERIAL_8250_DFL is not set
CONFIG_SERIAL_8250_DW=m
CONFIG_SERIAL_8250_RT288X=y
CONFIG_SERIAL_8250_LPSS=m
CONFIG_SERIAL_8250_MID=m
CONFIG_SERIAL_8250_PERICOM=y

#
# Non-8250 serial port support
#
CONFIG_SERIAL_KGDB_NMI=y
CONFIG_SERIAL_MAX3100=m
CONFIG_SERIAL_MAX310X=y
CONFIG_SERIAL_UARTLITE=m

```


BKM

```

CONFIG_SERIAL_UARTLITE_NR_UARTS=1
CONFIG_SERIAL_CORE=y
CONFIG_SERIAL_CORE_CONSOLE=y
CONFIG_CONSOLE_POLL=y
CONFIG_SERIAL_JSM=m
CONFIG_SERIAL_LANTIQ=m
CONFIG_SERIAL_SCCNXP=y
CONFIG_SERIAL_SCCNXP_CONSOLE=y
CONFIG_SERIAL_SC16IS7XX_CORE=m
CONFIG_SERIAL_SC16IS7XX=m
CONFIG_SERIAL_SC16IS7XX_I2C=y
CONFIG_SERIAL_SC16IS7XX_SPI=y
CONFIG_SERIAL_ALTERA_JTAGUART=m
CONFIG_SERIAL_ALTERA_UART=m
CONFIG_SERIAL_ALTERA_UART_MAXPORTS=4
CONFIG_SERIAL_ALTERA_UART_BAUDRATE=115200
CONFIG_SERIAL_ARC=m
CONFIG_SERIAL_ARC_NR_PORTS=1
CONFIG_SERIAL_RP2=m
CONFIG_SERIAL_RP2_NR_UARTS=32
CONFIG_SERIAL_FSL_LPUART=m
CONFIG_SERIAL_FSL_LINFLEXUART=m
CONFIG_SERIAL_MEN_Z135=m
CONFIG_SERIAL_SPRD=m
# end of Serial drivers

CONFIG_SERIAL_MCTRL_GPIO=y

```

```
CONFIG_SERIAL_NONSTANDARD=y
CONFIG_MOXA_INTELLIO=m
CONFIG_MOXA_SMARTIO=m
CONFIG_N_HDLC=m
CONFIG_IPWIRELESS=m
CONFIG_N_GSM=m
CONFIG_NOZOMI=m
CONFIG_NULL_TTY=m
CONFIG_HVC_DRIVER=y
CONFIG_HVC_IRQ=y
CONFIG_HVC_XEN=y
CONFIG_HVC_XEN_FRONTEND=y
# CONFIG_RPMSG_TTY is not set
CONFIG_SERIAL_DEV_BUS=y
CONFIG_SERIAL_DEV_CTRL_TTYPORT=y
CONFIG_TTY_PRINTK=y
CONFIG_TTY_PRINTK_LEVEL=6
CONFIG_PRINTER=m
# CONFIG_LP_CONSOLE is not set
CONFIG_PPDEV=m
CONFIG_VIRTIO_CONSOLE=y
CONFIG_IPMI_HANDLER=m
CONFIG_IPMI_DMI_DECODE=y
CONFIG_IPMI_PLAT_DATA=y
# CONFIG_IPMI_PANIC_EVENT is not set
CONFIG_IPMI_DEVICE_INTERFACE=m
CONFIG_IPMI_SI=m
```

BKM

```

CONFIG_IPMI_SSIF=m
CONFIG_IPMI_WATCHDOG=m
CONFIG_IPMI_POWEROFF=m
CONFIG_HW_RANDOM=y
CONFIG_HW_RANDOM_TIMERIOMEM=m
CONFIG_HW_RANDOM_INTEL=m
CONFIG_HW_RANDOM_AMD=m
CONFIG_HW_RANDOM_BA431=m
CONFIG_HW_RANDOM_VIA=m
CONFIG_HW_RANDOM_VIRTIO=m
CONFIG_HW_RANDOM_XIPHERA=m
CONFIG_APPLICOM=m
CONFIG_MWAVE=m
CONFIG_DEVMEM=y
CONFIG_NVRAM=m
CONFIG_DEVPORT=y
CONFIG_HPET=y
CONFIG_HPET_MMAP=y
CONFIG_HPET_MMAP_DEFAULT=y
CONFIG_HANGCHECK_TIMER=m
CONFIG_UV_MMTIMER=m
CONFIG_TCG_TPM=y
CONFIG_HW_RANDOM_TPM=y
CONFIG_TCG_TIS_CORE=y
CONFIG_TCG_TIS=y
CONFIG_TCG_TIS_SPI=m
CONFIG_TCG_TIS_SPI_CR50=y

```

```
# CONFIG_TCG_TIS_I2C is not set

CONFIG_TCG_TIS_I2C_CR50=m

CONFIG_TCG_TIS_I2C_ATMEL=m

CONFIG_TCG_TIS_I2C_INFINEON=m

CONFIG_TCG_TIS_I2C_NUVOTON=m

CONFIG_TCG_NSC=m

CONFIG_TCG_ATMEL=m

CONFIG_TCG_INFINEON=m

CONFIG_TCG_XEN=m

CONFIG_TCG_CRB=y

CONFIG_TCG_VTPM_PROXY=m

CONFIG_TCG_TIS_ST33ZP24=m

CONFIG_TCG_TIS_ST33ZP24_I2C=m

CONFIG_TCG_TIS_ST33ZP24_SPI=m

CONFIG_TELCLOCK=m

CONFIG_XILLYBUS_CLASS=m

CONFIG_XILLYBUS=m

CONFIG_XILLYBUS_PCIE=m

# CONFIG_XILLYUSB is not set

# end of Character devices


#

# I2C support

#

CONFIG_I2C=y

CONFIG_ACPI_I2C_OPREGION=y

CONFIG_I2C_BOARDINFO=y
```

BKM

```

CONFIG_I2C_COMPAT=y
CONFIG_I2C_CHARDEV=y
CONFIG_I2C_MUX=m

#
# Multiplexer I2C Chip support
#
CONFIG_I2C_MUX_GPIO=m
CONFIG_I2C_MUX_LTC4306=m
CONFIG_I2C_MUX_PCA9541=m
CONFIG_I2C_MUX_PCA954x=m
CONFIG_I2C_MUX_REG=m
CONFIG_I2C_MUX_MLXCPLD=m
# end of Multiplexer I2C Chip support

CONFIG_I2C_HELPER_AUTO=y
CONFIG_I2C_SMBUS=m
CONFIG_I2C_ALGOBIT=m
CONFIG_I2C_ALGOPCA=m

#
# I2C Hardware Bus support
#

#
# PC SMBus host controller drivers
#

```

```

CONFIG_I2C_CCGX_UCSI=m

CONFIG_I2C_ALI1535=m

CONFIG_I2C_ALI1563=m

CONFIG_I2C_ALI15X3=m

CONFIG_I2C_AMD756=m

CONFIG_I2C_AMD756_S4882=m

CONFIG_I2C_AMD8111=m

CONFIG_I2C_AMD_MP2=m

CONFIG_I2C_I801=m

CONFIG_I2C_ISCH=m

CONFIG_I2C_ISMT=m

CONFIG_I2C_PII4=m

CONFIG_I2C_CHT_WC=m

CONFIG_I2C_NFORCE2=m

CONFIG_I2C_NFORCE2_S4985=m

CONFIG_I2C_NVIDIA_GPU=m

CONFIG_I2C_SIS5595=m

CONFIG_I2C_SIS630=m

CONFIG_I2C_SIS96X=m

CONFIG_I2C_VIA=m

CONFIG_I2C_VIAPRO=m


#

# ACPI drivers

#

CONFIG_I2C_SCMI=m

```

BKM

```
#
# I2C system bus drivers (mostly embedded / system-on-chip)
#
CONFIG_I2C_CBUS_GPIO=m
CONFIG_I2C_DESIGNWARE_CORE=y
# CONFIG_I2C_DESIGNWARE_SLAVE is not set
CONFIG_I2C_DESIGNWARE_PLATFORM=y
CONFIG_I2C_DESIGNWARE_BAYTRAIL=y
CONFIG_I2C_DESIGNWARE_PCI=m
# CONFIG_I2C_EMEV2 is not set
CONFIG_I2C_GPIO=m
# CONFIG_I2C_GPIO_FAULT_INJECTOR is not set
CONFIG_I2C_KEMPLD=m
CONFIG_I2C_OCORES=m
CONFIG_I2C_PCA_PLATFORM=m
CONFIG_I2C_SIMTEC=m
CONFIG_I2C_XILINX=m

#
# External I2C/SMBus adapter drivers
#
CONFIG_I2C_DIOLAN_U2C=m
CONFIG_I2C_DLN2=m
# CONFIG_I2C_CP2615 is not set
CONFIG_I2C_PARPORT=m
# CONFIG_I2C_PCI1XXX is not set
CONFIG_I2C_ROBOTFUZZ_OSIF=m
```

```

CONFIG_I2C_TAOS_EVM=m

CONFIG_I2C_TINY_USB=m

CONFIG_I2C_VIPERBOARD=m


#

# Other I2C/SMBus bus drivers

#

CONFIG_I2C_MLXCPLD=m

CONFIG_I2C_CROS_EC_TUNNEL=m

# CONFIG_I2C_VIRTIO is not set

# end of I2C Hardware Bus support


CONFIG_I2C_STUB=m

# CONFIG_I2C_SLAVE is not set

# CONFIG_I2C_DEBUG_CORE is not set

# CONFIG_I2C_DEBUG_ALGO is not set

# CONFIG_I2C_DEBUG_BUS is not set

# end of I2C support


CONFIG_I3C=m

CONFIG_CDNS_I3C_MASTER=m

CONFIG_DW_I3C_MASTER=m

CONFIG_SVC_I3C_MASTER=m

CONFIG_MIPID_I3C_HCI=m

CONFIG_SPI=y

# CONFIG_SPI_DEBUG is not set

CONFIG_SPI_MASTER=y

```


BKM

```

CONFIG_SPI_MEM=y

#

# SPI Master Controller Drivers

#

CONFIG_SPI_ALTERA=m

CONFIG_SPI_ALTERA_CORE=m

# CONFIG_SPI_ALTERA_DFL is not set

CONFIG_SPI_AXI_SPI_ENGINE=m

CONFIG_SPI_BITBANG=m

CONFIG_SPI_BUTTERFLY=m

CONFIG_SPI_CADENCE=m

CONFIG_SPI_DESIGNWARE=m

CONFIG_SPI_DW_DMA=y

CONFIG_SPI_DW_PCI=m

CONFIG_SPI_DW_MMIO=m

CONFIG_SPI_DLN2=m

CONFIG_SPI_GPIO=m

# CONFIG_SPI_INTEL_PCI is not set

# CONFIG_SPI_INTEL_PLATFORM is not set

CONFIG_SPI_LM70_LLPM=m

# CONFIG_SPI_MICROCHIP_CORE is not set

# CONFIG_SPI_MICROCHIP_CORE_QSPI is not set

CONFIG_SPI_LANTIQ_SSC=m

CONFIG_SPI_OC_TINY=m

# CONFIG_SPI_PCI1XXX is not set

CONFIG_SPI_PXA2XX=m

```

```

CONFIG_SPI_PXA2XX_PCI=m

CONFIG_SPI_SC18IS602=m

CONFIG_SPI_SIFIVE=m

CONFIG_SPI_MXIC=m

CONFIG_SPI_XCOMM=m

# CONFIG_SPI_XILINX is not set

CONFIG_SPI_ZYNQMP_GQSPI=m

CONFIG_SPI_AMD=m


#

# SPI Multiplexer support

#

CONFIG_SPI_MUX=m


#

# SPI Protocol Masters

#

CONFIG_SPI_SPIDEV=m

CONFIG_SPI_LOOPBACK_TEST=m

CONFIG_SPI_TLE62X0=m

CONFIG_SPI_SLAVE=y

CONFIG_SPI_SLAVE_TIME=m

CONFIG_SPI_SLAVE_SYSTEM_CONTROL=m

CONFIG_SPI_DYNAMIC=y

CONFIG_SPMI=m

CONFIG_SPMI_HISI3670=m

CONFIG_HSI=m

```

BKM

```
CONFIG_HSI_BOARDINFO=y

#

# HSI controllers

#

#

# HSI clients

#

CONFIG_HSI_CHAR=m

CONFIG_PPS=y

# CONFIG_PPS_DEBUG is not set

#

# PPS clients support

#

# CONFIG_PPS_CLIENT_KTIMER is not set

CONFIG_PPS_CLIENT_LDISC=m

CONFIG_PPS_CLIENT_PARPORT=m

CONFIG_PPS_CLIENT_GPIO=m

#

# PPS generators support

#

#

#

# PTP clock support
```

```
#
CONFIG_PTP_1588_CLOCK=y
CONFIG_PTP_1588_CLOCK_OPTIONAL=y
CONFIG_DP83640_PHY=m
CONFIG_PTP_1588_CLOCK_INES=m
CONFIG_PTP_1588_CLOCK_KVM=m
CONFIG_PTP_1588_CLOCK_IDT82P33=m
CONFIG_PTP_1588_CLOCK_IDTCM=m
# CONFIG_PTP_1588_CLOCK_FC3W is not set
# CONFIG_PTP_1588_CLOCK MOCK is not set
CONFIG_PTP_1588_CLOCK_VMW=m
CONFIG_PTP_1588_CLOCK_OCP=m
# CONFIG_PTP_DFL_TOD is not set
# end of PTP clock support

CONFIG_PINCTRL=y
CONFIG_PINMUX=y
CONFIG_PINCONF=y
CONFIG_GENERIC_PINCONF=y
# CONFIG_DEBUG_PINCTRL is not set
CONFIG_PINCTRL_AMD=y
# CONFIG_PINCTRL_CY8C95X0 is not set
CONFIG_PINCTRL_DA9062=m
CONFIG_PINCTRL_MCP23S08_I2C=m
CONFIG_PINCTRL_MCP23S08_SPI=m
CONFIG_PINCTRL_MCP23S08=m
CONFIG_PINCTRL_SX150X=y
```

BKM

```
# CONFIG_PINCTRL_CS42L43 is not set

CONFIG_PINCTRL_MADERA=m

CONFIG_PINCTRL_CS47L15=y

CONFIG_PINCTRL_CS47L35=y

CONFIG_PINCTRL_CS47L85=y

CONFIG_PINCTRL_CS47L90=y

CONFIG_PINCTRL_CS47L92=y


#

# Intel pinctrl drivers

#

CONFIG_PINCTRL_BAYTRAIL=y

CONFIG_PINCTRL_CHERRYVIEW=y

CONFIG_PINCTRL_LYNXPOINT=m

CONFIG_PINCTRL_INTEL=y

# CONFIG_PINCTRL_INTEL_PLATFORM is not set

CONFIG_PINCTRL_ALDERLAKE=m

CONFIG_PINCTRL_BROXTON=m

CONFIG_PINCTRL_CANNONLAKE=m

CONFIG_PINCTRL_CEDARFORK=m

CONFIG_PINCTRL_DENVERTON=m

CONFIG_PINCTRL_ELKHARTLAKE=m

CONFIG_PINCTRL_EMMITSBURG=m

CONFIG_PINCTRL_GEMINILAKE=m

CONFIG_PINCTRL_ICELAKE=m

CONFIG_PINCTRL_JASPERLAKE=m

CONFIG_PINCTRL_LAKEFIELD=m
```

```

CONFIG_PINCTRL_LEWISBURG=m

# CONFIG_PINCTRL_METEORLAKE is not set

# CONFIG_PINCTRL_METEORPOINT is not set

CONFIG_PINCTRL_SUNRISEPOINT=m

CONFIG_PINCTRL_TIGERLAKE=m

# end of Intel pinctrl drivers


#

# Renesas pinctrl drivers

#

# end of Renesas pinctrl drivers


CONFIG_GPIOLIB=y

CONFIG_GPIOLIB_FASTPATH_LIMIT=512

CONFIG_GPIO_ACPI=y

CONFIG_GPIOLIB_IRQCHIP=y

# CONFIG_DEBUG_GPIO is not set

CONFIG_GPIO_SYSFS=y

CONFIG_GPIO_CDEV=y

# CONFIG_GPIO_CDEV_V1 is not set

CONFIG_GPIO_GENERIC=m

CONFIG_GPIO_REGMAP=m

CONFIG_GPIO_MAX730X=m

CONFIG_GPIO_IDIO_16=m


#

# Memory mapped GPIO drivers

```

BKM

```
#

CONFIG_GPIO_AMDPT=m

CONFIG_GPIO_DWAPB=m

CONFIG_GPIO_EXAR=m

CONFIG_GPIO_GENERIC_PLATFORM=m

CONFIG_GPIO_ICH=m

CONFIG_GPIO_MB86S7X=m

CONFIG_GPIO_MENZ127=m

CONFIG_GPIO_SIOX=m

CONFIG_GPIO_AMD_FCH=m

# end of Memory mapped GPIO drivers
```

```
#

# Port-mapped I/O GPIO drivers

#

CONFIG_GPIO_VX855=m

CONFIG_GPIO_I8255=m

CONFIG_GPIO_104_DIO_48E=m

CONFIG_GPIO_104_IDIO_16=m

CONFIG_GPIO_104_IDI_48=m

CONFIG_GPIO_F7188X=m

CONFIG_GPIO_GPIO_MM=m

CONFIG_GPIO_IT87=m

CONFIG_GPIO_SCH=m

CONFIG_GPIO_SCH311X=m

CONFIG_GPIO_WINBOND=m

CONFIG_GPIO_WS16C48=m
```

```
# end of Port-mapped I/O GPIO drivers
```

```
#
```

```
# I2C GPIO expanders
```

```
#
```

```
# CONFIG_GPIO_FXL6408 is not set
```

```
# CONFIG_GPIO_DS4520 is not set
```

```
CONFIG_GPIO_MAX7300=m
```

```
CONFIG_GPIO_MAX732X=m
```

```
CONFIG_GPIO_PCA953X=m
```

```
CONFIG_GPIO_PCA953X_IRQ=y
```

```
CONFIG_GPIO_PCA9570=m
```

```
CONFIG_GPIO_PCF857X=m
```

```
CONFIG_GPIO_TPIC2810=m
```

```
# end of I2C GPIO expanders
```

```
#
```

```
# MFD GPIO expanders
```

```
#
```

```
CONFIG_GPIO_ADP5520=m
```

```
CONFIG_GPIO_ARIZONA=m
```

```
CONFIG_GPIO_BD9571MWV=m
```

```
# CONFIG_GPIO_CROS_EC is not set
```

```
CONFIG_GPIO_CRYSTAL_COVE=y
```

```
CONFIG_GPIO_DA9052=m
```

```
CONFIG_GPIO_DA9055=m
```

```
CONFIG_GPIO_DLN2=m
```


BKM

CONFIG_GPIO_ELKHARTLAKE is not set

CONFIG_GPIO_JANZ_TTL=m

CONFIG_GPIO_KEMPLD=m

CONFIG_GPIO_LP3943=m

CONFIG_GPIO_LP873X=m

CONFIG_GPIO_MADERA=m

CONFIG_GPIO_PALMAS=y

CONFIG_GPIO_RC5T583=y

CONFIG_GPIO_TPS65086=m

CONFIG_GPIO_TPS6586X=y

CONFIG_GPIO_TPS65910=y

CONFIG_GPIO_TPS65912=m

CONFIG_GPIO_TQMX86=m

CONFIG_GPIO_TWL4030=m

CONFIG_GPIO_TWL6040=m

CONFIG_GPIO_WHISKEY_COVE=m

CONFIG_GPIO_WM831X=m

CONFIG_GPIO_WM8350=m

CONFIG_GPIO_WM8994=m

end of MFD GPIO expanders

#

PCI GPIO expanders

#

CONFIG_GPIO_AMD8111=m

CONFIG_GPIO_ML_IOH=m

CONFIG_GPIO_PCI_IDIO_16=m

```

CONFIG_GPIO_PCIE_IDIO_24=m

CONFIG_GPIO_RDC321X=m

# end of PCI GPIO expanders


#

# SPI GPIO expanders

#

CONFIG_GPIO_MAX3191X=m

CONFIG_GPIO_MAX7301=m

CONFIG_GPIO_MC33880=m

CONFIG_GPIO_PISOSR=m

CONFIG_GPIO_XRA1403=m

# end of SPI GPIO expanders


#

# USB GPIO expanders

#

CONFIG_GPIO_VIPERBOARD=m

# end of USB GPIO expanders


#

# Virtual GPIO drivers

#

CONFIG_GPIO_AGGREGATOR=m

# CONFIG_GPIO_LATCH is not set

# CONFIG_GPIO MOCKUP is not set

# CONFIG_GPIO_VIRTIO is not set

```

BKM

```
# CONFIG_GPIO_SIM is not set
# end of Virtual GPIO drivers

CONFIG_W1=m
CONFIG_W1_CON=y

#
# 1-wire Bus Masters
#
# CONFIG_W1_MASTER_AMD_AXI is not set
CONFIG_W1_MASTER_MATROX=m
CONFIG_W1_MASTER_DS2490=m
CONFIG_W1_MASTER_DS2482=m
CONFIG_W1_MASTER_GPIO=m
CONFIG_W1_MASTER_SGI=m
# CONFIG_W1_MASTER_UART is not set
# end of 1-wire Bus Masters

#
# 1-wire Slaves
#
CONFIG_W1_SLAVE_THERM=m
CONFIG_W1_SLAVE_SMEM=m
CONFIG_W1_SLAVE_DS2405=m
CONFIG_W1_SLAVE_DS2408=m
CONFIG_W1_SLAVE_DS2408_READBACK=y
CONFIG_W1_SLAVE_DS2413=m
```

```
CONFIG_W1_SLAVE_DS2406=m
CONFIG_W1_SLAVE_DS2423=m
CONFIG_W1_SLAVE_DS2805=m
CONFIG_W1_SLAVE_DS2430=m
CONFIG_W1_SLAVE_DS2431=m
CONFIG_W1_SLAVE_DS2433=m
# CONFIG_W1_SLAVE_DS2433_CRC is not set
CONFIG_W1_SLAVE_DS2438=m
CONFIG_W1_SLAVE_DS250X=m
CONFIG_W1_SLAVE_DS2780=m
CONFIG_W1_SLAVE_DS2781=m
CONFIG_W1_SLAVE_DS28E04=m
CONFIG_W1_SLAVE_DS28E17=m
# end of 1-wire Slaves

CONFIG_POWER_RESET=y
CONFIG_POWER_RESET_MT6323=y
CONFIG_POWER_RESET_RESTART=y
# CONFIG_POWER_RESET_TPS65086 is not set
CONFIG_POWER_SUPPLY=y
# CONFIG_POWER_SUPPLY_DEBUG is not set
CONFIG_POWER_SUPPLY_HWMON=y
CONFIG_GENERIC_ADC_BATTERY=m
# CONFIG_IP5XXX_POWER is not set
CONFIG_MAX8925_POWER=m
CONFIG_WM831X_BACKUP=m
CONFIG_WM831X_POWER=m
```

BKM

```

CONFIG_WM8350_POWER=m
CONFIG_TEST_POWER=m
CONFIG_BATTERY_88PM860X=m
CONFIG_CHARGER_ADP5061=m
CONFIG_BATTERY_CW2015=m
CONFIG_BATTERY_DS2760=m
CONFIG_BATTERY_DS2780=m
CONFIG_BATTERY_DS2781=m
CONFIG_BATTERY_DS2782=m
# CONFIG_BATTERY_SAMSUNG_SDI is not set
CONFIG_BATTERY_SBS=m
CONFIG_CHARGER_SBS=m
CONFIG_MANAGER_SBS=m
CONFIG_BATTERY_BQ27XXX=m
CONFIG_BATTERY_BQ27XXX_I2C=m
CONFIG_BATTERY_BQ27XXX_HDQ=m
# CONFIG_BATTERY_BQ27XXX_DT_UPDATES_NVM is not set
CONFIG_BATTERY_DA9030=m
CONFIG_BATTERY_DA9052=m
CONFIG_CHARGER_DA9150=m
CONFIG_BATTERY_DA9150=m
CONFIG_CHARGER_AXP20X=m
CONFIG_BATTERY_AXP20X=m
CONFIG_AXP20X_POWER=m
CONFIG_AXP288_CHARGER=m
CONFIG_AXP288_FUEL_GAUGE=m
CONFIG_BATTERY_MAX17040=m

```

```

CONFIG_BATTERY_MAX17042=m
CONFIG_BATTERY_MAX1721X=m
CONFIG_BATTERY_TWL4030_MADC=m
CONFIG_CHARGER_88PM860X=m
CONFIG_CHARGER_PCF50633=m
CONFIG_BATTERY_RX51=m
CONFIG_CHARGER_ISP1704=m
CONFIG_CHARGER_MAX8903=m
CONFIG_CHARGER_TWL4030=m
CONFIG_CHARGER_LP8727=m
CONFIG_CHARGER_LP8788=m
CONFIG_CHARGER_GPIO=m
CONFIG_CHARGER_MANAGER=y
CONFIG_CHARGER_LT3651=m
CONFIG_CHARGER_LTC4162L=m
CONFIG_CHARGER_MAX14577=m
CONFIG_CHARGER_MAX77693=m
# CONFIG_CHARGER_MAX77976 is not set
CONFIG_CHARGER_MAX8997=m
CONFIG_CHARGER_MAX8998=m
CONFIG_CHARGER_MP2629=m
# CONFIG_CHARGER_MT6360 is not set
CONFIG_CHARGER_BQ2415X=m
CONFIG_CHARGER_BQ24190=m
CONFIG_CHARGER_BQ24257=m
CONFIG_CHARGER_BQ24735=m
CONFIG_CHARGER_BQ2515X=m

```

BKM

```

CONFIG_CHARGER_BQ25890=m
CONFIG_CHARGER_BQ25980=m
CONFIG_CHARGER_BQ256XX=m
CONFIG_CHARGER_SMB347=m
CONFIG_CHARGER_TPS65090=m
CONFIG_BATTERY_GAUGE_LTC2941=m
# CONFIG_BATTERY_GOLDFISH is not set
CONFIG_BATTERY_RT5033=m
# CONFIG_CHARGER_RT5033 is not set
CONFIG_CHARGER_RT9455=m
# CONFIG_CHARGER_RT9467 is not set
# CONFIG_CHARGER_RT9471 is not set
CONFIG_CHARGER_CROS_USBPD=m
CONFIG_CHARGER_CROS_PCHG=m
CONFIG_CHARGER_BD99954=m
CONFIG_CHARGER_WILCO=m
# CONFIG_BATTERY_UG3105 is not set
# CONFIG_FUEL_GAUGE_MM8013 is not set
CONFIG_HWMON=y
CONFIG_HWMON_VID=m
# CONFIG_HWMON_DEBUG_CHIP is not set

#

# Native drivers

#

CONFIG_SENSORS_ABITUGURU=m
CONFIG_SENSORS_ABITUGURU3=m

```

```

CONFIG_SENSORS_AD7314=m
CONFIG_SENSORS_AD7414=m
CONFIG_SENSORS_AD7418=m
CONFIG_SENSORS_ADM1025=m
CONFIG_SENSORS_ADM1026=m
CONFIG_SENSORS_ADM1029=m
CONFIG_SENSORS_ADM1031=m
CONFIG_SENSORS_ADM1177=m
CONFIG_SENSORS_ADM9240=m
CONFIG_SENSORS_ADT7X10=m
CONFIG_SENSORS_ADT7310=m
CONFIG_SENSORS_ADT7410=m
CONFIG_SENSORS_ADT7411=m
CONFIG_SENSORS_ADT7462=m
CONFIG_SENSORS_ADT7470=m
CONFIG_SENSORS_ADT7475=m
CONFIG_SENSORS_AHT10=m
# CONFIG_SENSORS_AQUACOMPUTER_D5NEXT is not set
CONFIG_SENSORS_AS370=m
CONFIG_SENSORS_ASC7621=m
# CONFIG_SENSORS_ASUS_ROG_RYUJIN is not set
CONFIG_SENSORS_AXI_FAN_CONTROL=m
CONFIG_SENSORS_K8TEMP=m
CONFIG_SENSORS_K10TEMP=m
CONFIG_SENSORS_FAM15H_POWER=m
CONFIG_SENSORS_APPLESMC=m
CONFIG_SENSORS_ASB100=m

```


BKM

```

CONFIG_SENSORS_ATXP1=m
# CONFIG_SENSORS_CHIPCAP2 is not set
CONFIG_SENSORS_CORSAIR_CPRO=m
CONFIG_SENSORS_CORSAIR_PSU=m
CONFIG_SENSORS_DRIVETEMP=m
CONFIG_SENSORS_DS620=m
CONFIG_SENSORS_DS1621=m
CONFIG_SENSORS_DELL_SMM=m
# CONFIG_I8K is not set
CONFIG_SENSORS_DA9052_ADC=m
CONFIG_SENSORS_DA9055=m
CONFIG_SENSORS_I5K_AMB=m
CONFIG_SENSORS_F71805F=m
CONFIG_SENSORS_F71882FG=m
CONFIG_SENSORS_F75375S=m
CONFIG_SENSORS_MC13783_ADC=m
CONFIG_SENSORS_FSCHMD=m
CONFIG_SENSORS_FTSTEUTATES=m
# CONFIG_SENSORS_GIGABYTE_WATERFORCE is not set
CONFIG_SENSORS_GL518SM=m
CONFIG_SENSORS_GL520SM=m
CONFIG_SENSORS_G760A=m
CONFIG_SENSORS_G762=m
CONFIG_SENSORS_HIH6130=m
# CONFIG_SENSORS_HS3001 is not set
CONFIG_SENSORS_IBMAEM=m
CONFIG_SENSORS_IBMPEX=m

```

```
CONFIG_SENSORS_IIO_HWMON=m
CONFIG_SENSORS_I5500=m
CONFIG_SENSORS_CORETEMP=m
CONFIG_SENSORS_IT87=m
CONFIG_SENSORS_JC42=m
# CONFIG_SENSORS_POWERZ is not set
CONFIG_SENSORS_POWR1220=m
CONFIG_SENSORS_LINEAGE=m
CONFIG_SENSORS_LTC2945=m
CONFIG_SENSORS_LTC2947=m
CONFIG_SENSORS_LTC2947_I2C=m
CONFIG_SENSORS_LTC2947_SPI=m
CONFIG_SENSORS_LTC2990=m
# CONFIG_SENSORS_LTC2991 is not set
CONFIG_SENSORS_LTC2992=m
CONFIG_SENSORS_LTC4151=m
CONFIG_SENSORS_LTC4215=m
CONFIG_SENSORS_LTC4222=m
CONFIG_SENSORS_LTC4245=m
CONFIG_SENSORS_LTC4260=m
CONFIG_SENSORS_LTC4261=m
# CONFIG_SENSORS_LTC4282 is not set
CONFIG_SENSORS_MAX1111=m
CONFIG_SENSORS_MAX127=m
CONFIG_SENSORS_MAX16065=m
CONFIG_SENSORS_MAX1619=m
CONFIG_SENSORS_MAX1668=m
```

BKM

```

CONFIG_SENSORS_MAX197=m
CONFIG_SENSORS_MAX31722=m
CONFIG_SENSORS_MAX31730=m
# CONFIG_SENSORS_MAX31760 is not set
# CONFIG_MAX31827 is not set
# CONFIG_SENSORS_MAX6620 is not set
CONFIG_SENSORS_MAX6621=m
CONFIG_SENSORS_MAX6639=m
CONFIG_SENSORS_MAX6650=m
CONFIG_SENSORS_MAX6697=m
CONFIG_SENSORS_MAX31790=m
# CONFIG_SENSORS_MC34VR500 is not set
CONFIG_SENSORS_MCP3021=m
CONFIG_SENSORS_MLXREG_FAN=m
CONFIG_SENSORS_TC654=m
CONFIG_SENSORS_TPS23861=m
CONFIG_SENSORS_MENF21BMC_HWMON=m
CONFIG_SENSORS_MR75203=m
CONFIG_SENSORS_ADCXX=m
CONFIG_SENSORS_LM63=m
CONFIG_SENSORS_LM70=m
CONFIG_SENSORS_LM73=m
CONFIG_SENSORS_LM75=m
CONFIG_SENSORS_LM77=m
CONFIG_SENSORS_LM78=m
CONFIG_SENSORS_LM80=m
CONFIG_SENSORS_LM83=m

```

```

CONFIG_SENSORS_LM85=m
CONFIG_SENSORS_LM87=m
CONFIG_SENSORS_LM90=m
CONFIG_SENSORS_LM92=m
CONFIG_SENSORS_LM93=m
CONFIG_SENSORS_LM95234=m
CONFIG_SENSORS_LM95241=m
CONFIG_SENSORS_LM95245=m
CONFIG_SENSORS_PC87360=m
CONFIG_SENSORS_PC87427=m
CONFIG_SENSORS_NTC_THERMISTOR=m
CONFIG_SENSORS_NCT6683=m
CONFIG_SENSORS_NCT6775_CORE=m
CONFIG_SENSORS_NCT6775=m
# CONFIG_SENSORS_NCT6775_I2C is not set
CONFIG_SENSORS_NCT7802=m
CONFIG_SENSORS_NCT7904=m
CONFIG_SENSORS_NPCM7XX=m
# CONFIG_SENSORS_NZXT_KRAKEN2 is not set
# CONFIG_SENSORS_NZXT_KRAKEN3 is not set
# CONFIG_SENSORS_NZXT_SMART2 is not set
# CONFIG_SENSORS_OCC_P8_I2C is not set
# CONFIG_SENSORS_OXP is not set
CONFIG_SENSORS_PCF8591=m
CONFIG_PMBUS=m
CONFIG_SENSORS_PMBUS=m
# CONFIG_SENSORS_ACBEL_FSG032 is not set

```

BKM

```

CONFIG_SENSORS_ADM1266=m
CONFIG_SENSORS_ADM1275=m
CONFIG_SENSORS_BEL_PFE=m
# CONFIG_SENSORS_BPA_RS600 is not set
# CONFIG_SENSORS_DELTA_AHE50DC_FAN is not set
# CONFIG_SENSORS_FSP_3Y is not set
CONFIG_SENSORS_IBM_CFFPS=m
# CONFIG_SENSORS_DPS920AB is not set
CONFIG_SENSORS_INSPUR_IPSPS=m
CONFIG_SENSORS_IR35221=m
# CONFIG_SENSORS_IR36021 is not set
CONFIG_SENSORS_IR38064=m
# CONFIG_SENSORS_IR38064_REGULATOR is not set
CONFIG_SENSORS_IRPS5401=m
CONFIG_SENSORS_ISL68137=m
CONFIG_SENSORS_LM25066=m
# CONFIG_SENSORS_LM25066_REGULATOR is not set
# CONFIG_SENSORS_LT7182S is not set
CONFIG_SENSORS_LTC2978=m
CONFIG_SENSORS_LTC2978_REGULATOR=y
CONFIG_SENSORS_LTC3815=m
# CONFIG_SENSORS_LTC4286 is not set
# CONFIG_SENSORS_MAX15301 is not set
CONFIG_SENSORS_MAX16064=m
CONFIG_SENSORS_MAX16601=m
CONFIG_SENSORS_MAX20730=m
CONFIG_SENSORS_MAX20751=m

```

```
CONFIG_SENSORS_MAX31785=m
CONFIG_SENSORS_MAX34440=m
CONFIG_SENSORS_MAX8688=m
# CONFIG_SENSORS_MP2856 is not set
# CONFIG_SENSORS_MP2888 is not set
CONFIG_SENSORS_MP2975=m
# CONFIG_SENSORS_MP2975_REGULATOR is not set
# CONFIG_SENSORS_MP5023 is not set
# CONFIG_SENSORS_MP5990 is not set
# CONFIG_SENSORS_MPQ7932 is not set
# CONFIG_SENSORS_MPQ8785 is not set
# CONFIG_SENSORS_PIM4328 is not set
# CONFIG_SENSORS_PLI1209BC is not set
CONFIG_SENSORS_PM6764TR=m
CONFIG_SENSORS_PXE1610=m
CONFIG_SENSORS_Q54SJ108A2=m
# CONFIG_SENSORS_STPDDC60 is not set
# CONFIG_SENSORS_TDA38640 is not set
CONFIG_SENSORS_TPS40422=m
CONFIG_SENSORS_TPS53679=m
# CONFIG_SENSORS_TPS546D24 is not set
CONFIG_SENSORS_UCD9000=m
CONFIG_SENSORS_UCD9200=m
# CONFIG_SENSORS_XDPE152 is not set
CONFIG_SENSORS_XDPE122=m
# CONFIG_SENSORS_XDPE122_REGULATOR is not set
CONFIG_SENSORS_ZL6100=m
```

BKM

```
# CONFIG_SENSORS_PT5161L is not set
CONFIG_SENSORS_SBTSL=m
# CONFIG_SENSORS_SBRMI is not set
CONFIG_SENSORS_SHT15=m
CONFIG_SENSORS_SHT21=m
CONFIG_SENSORS_SHT3x=m
# CONFIG_SENSORS_SHT4x is not set
CONFIG_SENSORS_SHTC1=m
CONFIG_SENSORS_SIS5595=m
CONFIG_SENSORS_DME1737=m
CONFIG_SENSORS_EMC1403=m
CONFIG_SENSORS_EMC2103=m
# CONFIG_SENSORS_EMC2305 is not set
CONFIG_SENSORS_EMC6W201=m
CONFIG_SENSORS_SMSC47M1=m
CONFIG_SENSORS_SMSC47M192=m
CONFIG_SENSORS_SMSC47B397=m
CONFIG_SENSORS_SCH56XX_COMMON=m
CONFIG_SENSORS_SCH5627=m
CONFIG_SENSORS_SCH5636=m
CONFIG_SENSORS_STTS751=m
# CONFIG_SENSORS_SURFACE_FAN is not set
CONFIG_SENSORS_ADC128D818=m
CONFIG_SENSORS_ADS7828=m
CONFIG_SENSORS_ADS7871=m
CONFIG_SENSORS_AMC6821=m
CONFIG_SENSORS_INA209=m
```

```

CONFIG_SENSORS_INA2XX=m
# CONFIG_SENSORS_INA238 is not set
CONFIG_SENSORS_INA3221=m
CONFIG_SENSORS_TC74=m
CONFIG_SENSORS_THMC50=m
CONFIG_SENSORS_TMP102=m
CONFIG_SENSORS_TMP103=m
CONFIG_SENSORS_TMP108=m
CONFIG_SENSORS_TMP401=m
CONFIG_SENSORS_TMP421=m
# CONFIG_SENSORS_TMP464 is not set
CONFIG_SENSORS_TMP513=m
CONFIG_SENSORS_VIA_CPUTEMP=m
CONFIG_SENSORS_VIA686A=m
CONFIG_SENSORS_VT1211=m
CONFIG_SENSORS_VT8231=m
CONFIG_SENSORS_W83773G=m
CONFIG_SENSORS_W83781D=m
CONFIG_SENSORS_W83791D=m
CONFIG_SENSORS_W83792D=m
CONFIG_SENSORS_W83793=m
CONFIG_SENSORS_W83795=m
# CONFIG_SENSORS_W83795_FANCTRL is not set
CONFIG_SENSORS_W83L785TS=m
CONFIG_SENSORS_W83L786NG=m
CONFIG_SENSORS_W83627HF=m
CONFIG_SENSORS_W83627EHF=m

```


BKM

```

CONFIG_SENSORS_WM831X=m

CONFIG_SENSORS_WM8350=m

CONFIG_SENSORS_XGENE=m


#

# ACPI drivers

#

CONFIG_SENSORS_ACPI_POWER=m

CONFIG_SENSORS_ATK0110=m

# CONFIG_SENSORS_ASUS_WMI is not set

# CONFIG_SENSORS_ASUS_EC is not set

# CONFIG_SENSORS_HP_WMI is not set

CONFIG_THERMAL=y

CONFIG_THERMAL_NETLINK=y

CONFIG_THERMAL_STATISTICS=y

# CONFIG_THERMAL_DEBUGFS is not set

CONFIG_THERMAL_EMERGENCY_POWEROFF_DELAY_MS=0

CONFIG_THERMAL_HWMON=y

CONFIG_THERMAL_DEFAULT_GOV_STEP_WISE=y

# CONFIG_THERMAL_DEFAULT_GOV_FAIR_SHARE is not set

# CONFIG_THERMAL_DEFAULT_GOV_USER_SPACE is not set

# CONFIG_THERMAL_DEFAULT_GOV_POWER_ALLOCATOR is not set

# CONFIG_THERMAL_DEFAULT_GOV_BANG_BANG is not set

CONFIG_THERMAL_GOV_FAIR_SHARE=y

CONFIG_THERMAL_GOV_STEP_WISE=y

CONFIG_THERMAL_GOV_BANG_BANG=y

CONFIG_THERMAL_GOV_USER_SPACE=y

```

```
CONFIG_THERMAL_GOV_POWER_ALLOCATOR=y
```

```
CONFIG_DEVFREQ_THERMAL=y
```

```
CONFIG_THERMAL_EMULATION=y
```

```
#
```

```
# Intel thermal drivers
```

```
#
```

```
CONFIG_INTEL_POWERCLAMP=m
```

```
CONFIG_X86_THERMAL_VECTOR=y
```

```
CONFIG_INTEL_TCC=y
```

```
CONFIG_X86_PKG_TEMP_THERMAL=m
```

```
CONFIG_INTEL_SOC_DTS_IOSF_CORE=m
```

```
CONFIG_INTEL_SOC_DTS_THERMAL=m
```

```
#
```

```
# ACPI INT340X thermal drivers
```

```
#
```

```
CONFIG_INT340X_THERMAL=m
```

```
CONFIG_ACPI_THERMAL_REL=m
```

```
CONFIG_INT3406_THERMAL=m
```

```
CONFIG_PROC_THERMAL_MMIO_RAPL=m
```

```
# end of ACPI INT340X thermal drivers
```

```
CONFIG_INTEL_BXT_PMIC_THERMAL=m
```

```
CONFIG_INTEL_PCH_THERMAL=m
```

```
# CONFIG_INTEL_TCC_COOLING is not set
```

```
# CONFIG_INTEL_HFI_THERMAL is not set
```

BKM

```
# end of Intel thermal drivers

CONFIG_GENERIC_ADC_THERMAL=m

CONFIG_WATCHDOG=y

CONFIG_WATCHDOG_CORE=y

# CONFIG_WATCHDOG_NOWAYOUT is not set

CONFIG_WATCHDOG_HANDLE_BOOT_ENABLED=y

CONFIG_WATCHDOG_OPEN_TIMEOUT=0

CONFIG_WATCHDOG_SYSFS=y

# CONFIG_WATCHDOG_HRTIMER_PRETIMEOUT is not set

#

# Watchdog Pretimeout Governors

#

CONFIG_WATCHDOG_PRETIMEOUT_GOV=y

CONFIG_WATCHDOG_PRETIMEOUT_GOV_SEL=m

CONFIG_WATCHDOG_PRETIMEOUT_GOV_NOOP=y

CONFIG_WATCHDOG_PRETIMEOUT_GOV_PANIC=m

CONFIG_WATCHDOG_PRETIMEOUT_DEFAULT_GOV_NOOP=y

# CONFIG_WATCHDOG_PRETIMEOUT_DEFAULT_GOV_PANIC is not set

#

# Watchdog Device Drivers

#

CONFIG_SOFT_WATCHDOG=m

CONFIG_SOFT_WATCHDOG_PRETIMEOUT=y

# CONFIG_CROS_EC_WATCHDOG is not set
```

```

CONFIG_DA9052_WATCHDOG=m
CONFIG_DA9055_WATCHDOG=m
CONFIG_DA9063_WATCHDOG=m
CONFIG_DA9062_WATCHDOG=m
CONFIG_MENF21BMC_WATCHDOG=m
CONFIG_MENZ069_WATCHDOG=m
CONFIG_WDAT_WDT=m
CONFIG_WM831X_WATCHDOG=m
CONFIG_WM8350_WATCHDOG=m
CONFIG_XILINX_WATCHDOG=m
CONFIG_ZIIRAVE_WATCHDOG=m
CONFIG_RAVE_SP_WATCHDOG=m
CONFIG_MLX_WDT=m
CONFIG_CADENCE_WATCHDOG=m
CONFIG_DW_WATCHDOG=m
CONFIG_TWL4030_WATCHDOG=m
CONFIG_MAX63XX_WATCHDOG=m
CONFIG_RETU_WATCHDOG=m
CONFIG_ACQUIRE_WDT=m
CONFIG_ADVANTECH_WDT=m
# CONFIG_ADVANTECH_EC_WDT is not set
CONFIG_ALIM1535_WDT=m
CONFIG_ALIM7101_WDT=m
CONFIG_EBC_C384_WDT=m
# CONFIG_EXAR_WDT is not set
CONFIG_F71808E_WDT=m
CONFIG_SP5100_TCO=m

```

BKM

CONFIG_SBC_FITPC2_WATCHDOG=m
 CONFIG_EUROTECH_WDT=m
 CONFIG_IB700_WDT=m
 CONFIG_IBMASR=m
 CONFIG_WAFER_WDT=m
 CONFIG_I6300ESB_WDT=m
 CONFIG_IE6XX_WDT=m
 CONFIG_ITCO_WDT=m
 CONFIG_ITCO_VENDOR_SUPPORT=y
 CONFIG_IT8712F_WDT=m
 CONFIG_IT87_WDT=m
 CONFIG_HP_WATCHDOG=m
 CONFIG_HPWDT_NMI_DECODING=y
 CONFIG_KEMPLD_WDT=m
 CONFIG_SC1200_WDT=m
 CONFIG_PC87413_WDT=m
 CONFIG_NV_TCO=m
 CONFIG_60XX_WDT=m
 CONFIG_CPU5_WDT=m
 CONFIG_SMSC_SCH311X_WDT=m
 CONFIG_SMSC37B787_WDT=m
 CONFIG_TQMX86_WDT=m
 CONFIG_VIA_WDT=m
 CONFIG_W83627HF_WDT=m
 CONFIG_W83877F_WDT=m
 CONFIG_W83977F_WDT=m
 CONFIG_MACHZ_WDT=m

CONFIG_SBC_EPX_C3_WATCHDOG=m

CONFIG_INTEL_MEI_WDT=m

CONFIG_NI903X_WDT=m

CONFIG_NIC7018_WDT=m

CONFIG_MEN_A21_WDT=m

CONFIG_XEN_WDT=m

#

PCI-based Watchdog Cards

#

CONFIG_PCIPCWATCHDOG=m

CONFIG_WDTPCI=m

#

USB-based Watchdog Cards

#

CONFIG_USBPCWATCHDOG=m

CONFIG_SSB_POSSIBLE=y

CONFIG_SSB=m

CONFIG_SSB_SPROM=y

CONFIG_SSB_BLOCKIO=y

CONFIG_SSB_PCIHOST_POSSIBLE=y

CONFIG_SSB_PCIHOST=y

CONFIG_SSB_B43_PCI_BRIDGE=y

CONFIG_SSB_PCMCIAHOST_POSSIBLE=y

CONFIG_SSB_PCMCIAHOST is not set

CONFIG_SSB_SDIOHOST_POSSIBLE=y

BKM

```

CONFIG_SSB_SDIOHOST=y
CONFIG_SSB_DRIVER_PCICORE_POSSIBLE=y
CONFIG_SSB_DRIVER_PCICORE=y
CONFIG_SSB_DRIVER_GPIO=y
CONFIG_BCMA_POSSIBLE=y
CONFIG_BCMA=m
CONFIG_BCMA_BLOCKIO=y
CONFIG_BCMA_HOST_PCI_POSSIBLE=y
CONFIG_BCMA_HOST_PCI=y
CONFIG_BCMA_HOST_SOC=y
CONFIG_BCMA_DRIVER_PCI=y
CONFIG_BCMA_SFLASH=y
CONFIG_BCMA_DRIVER_GMAC_CMN=y
CONFIG_BCMA_DRIVER_GPIO=y
# CONFIG_BCMA_DEBUG is not set

#
# Multifunction device drivers
#
CONFIG_MFD_CORE=y
CONFIG_MFD_AS3711=y
# CONFIG_MFD_SMPRO is not set
CONFIG_PMIC_ADP5520=y
CONFIG_MFD_AAT2870_CORE=y
CONFIG_MFD_BCM590XX=m
CONFIG_MFD_BD9571MWV=m
CONFIG_MFD_AXP20X=m

```

```

CONFIG_MFD_AXP20X_I2C=m
CONFIG_MFD_CROS_EC_DEV=m
CONFIG_MFD_CS42L43=m
# CONFIG_MFD_CS42L43_I2C is not set
CONFIG_MFD_CS42L43_SDW=m
CONFIG_MFD_MADERA=m
CONFIG_MFD_MADERA_I2C=m
CONFIG_MFD_MADERA_SPI=m
CONFIG_MFD_CS47L15=y
CONFIG_MFD_CS47L35=y
CONFIG_MFD_CS47L85=y
CONFIG_MFD_CS47L90=y
CONFIG_MFD_CS47L92=y
CONFIG_PMIC_DA903X=y
CONFIG_PMIC_DA9052=y
CONFIG_MFD_DA9052_SPI=y
CONFIG_MFD_DA9052_I2C=y
CONFIG_MFD_DA9055=y
CONFIG_MFD_DA9062=m
CONFIG_MFD_DA9063=y
CONFIG_MFD_DA9150=m
CONFIG_MFD_DLN2=m
CONFIG_MFD_MC13XXX=m
CONFIG_MFD_MC13XXX_SPI=m
CONFIG_MFD_MC13XXX_I2C=m
CONFIG_MFD_MP2629=m
CONFIG_MFD_INTEL_QUARK_I2C_GPIO=m

```


BKM

```

CONFIG_LPC_ICH=m
CONFIG_LPC_SCH=m
CONFIG_INTEL_SOC_PMIC=y
CONFIG_INTEL_SOC_PMIC_BXTWC=m
CONFIG_INTEL_SOC_PMIC_CHTWC=y
CONFIG_INTEL_SOC_PMIC_CHTDC_TI=m
CONFIG_INTEL_SOC_PMIC_MRFLD=m
CONFIG_MFD_INTEL_LPSS=m
CONFIG_MFD_INTEL_LPSS_ACPI=m
CONFIG_MFD_INTEL_LPSS_PCI=m
CONFIG_MFD_INTEL_PMC_BXT=m
CONFIG_MFD_IQS62X=m
CONFIG_MFD_JANZ_CMODIO=m
CONFIG_MFD_KEMPLD=m
CONFIG_MFD_88PM800=m
CONFIG_MFD_88PM805=m
CONFIG_MFD_88PM860X=y
CONFIG_MFD_MAX14577=y
# CONFIG_MFD_MAX77541 is not set
CONFIG_MFD_MAX77693=y
CONFIG_MFD_MAX77843=y
CONFIG_MFD_MAX8907=m
CONFIG_MFD_MAX8925=y
CONFIG_MFD_MAX8997=y
CONFIG_MFD_MAX8998=y
CONFIG_MFD_MT6360=m
# CONFIG_MFD_MT6370 is not set

```

```

CONFIG_MFD_MT6397=m
CONFIG_MFD_MENF21BMC=m
# CONFIG_MFD_OCELOT is not set
CONFIG_EZX_PCAP=y
CONFIG_MFD_VIPERBOARD=m
CONFIG_MFD_RETU=m
CONFIG_MFD_PCF50633=m
CONFIG_PCF50633_ADC=m
CONFIG_PCF50633_GPIO=m
# CONFIG_MFD_SY7636A is not set
CONFIG_MFD_RDC321X=m
# CONFIG_MFD_RT4831 is not set
CONFIG_MFD_RT5033=m
# CONFIG_MFD_RT5120 is not set
CONFIG_MFD_RC5T583=y
CONFIG_MFD_SI476X_CORE=m
CONFIG_MFD_SM501=m
CONFIG_MFD_SM501_GPIO=y
CONFIG_MFD_SKY81452=m
CONFIG_MFD_SYSCON=y
CONFIG_MFD_LP3943=m
CONFIG_MFD_LP8788=y
CONFIG_MFD_TI_LMU=m
CONFIG_MFD_PALMAS=y
CONFIG_TPS6105X=m
CONFIG_TPS65010=m
CONFIG_TPS6507X=m

```

BKM

```

CONFIG_MFD_TPS65086=m
CONFIG_MFD_TPS65090=y
CONFIG_MFD_TI_LP873X=m
CONFIG_MFD_TPS6586X=y
CONFIG_MFD_TPS65910=y
CONFIG_MFD_TPS65912=y
CONFIG_MFD_TPS65912_I2C=y
CONFIG_MFD_TPS65912_SPI=y
# CONFIG_MFD_TPS6594_I2C is not set
# CONFIG_MFD_TPS6594_SPI is not set
CONFIG_TWL4030_CORE=y
CONFIG_MFD_TWL4030_AUDIO=y
CONFIG_TWL6040_CORE=y
CONFIG_MFD_WL1273_CORE=m
CONFIG_MFD_LM3533=m
CONFIG_MFD_TQMX86=m
CONFIG_MFD_VX855=m
CONFIG_MFD_ARIZONA=m
CONFIG_MFD_ARIZONA_I2C=m
CONFIG_MFD_ARIZONA_SPI=m
CONFIG_MFD_CS47L24=y
CONFIG_MFD_WM5102=y
CONFIG_MFD_WM5110=y
CONFIG_MFD_WM8997=y
CONFIG_MFD_WM8998=y
CONFIG_MFD_WM8400=y
CONFIG_MFD_WM831X=y

```

```

CONFIG_MFD_WM831X_I2C=y
CONFIG_MFD_WM831X_SPI=y
CONFIG_MFD_WM8350=y
CONFIG_MFD_WM8350_I2C=y
CONFIG_MFD_WM8994=m
CONFIG_MFD_WCD934X=m
# CONFIG_MFD_ATC260X_I2C is not set
CONFIG_RAVE_SP_CORE=m
# CONFIG_MFD_INTEL_M10_BMC_SPI is not set
# CONFIG_MFD_INTEL_M10_BMC_PMCI is not set
# end of Multifunction device drivers

CONFIG_REGULATOR=y
# CONFIG_REGULATOR_DEBUG is not set
CONFIG_REGULATOR_FIXED_VOLTAGE=m
CONFIG_REGULATOR_VIRTUAL_CONSUMER=m
CONFIG_REGULATOR_USERSPACE_CONSUMER=m
# CONFIG_REGULATOR_NETLINK_EVENTS is not set
CONFIG_REGULATOR_88PG86X=m
CONFIG_REGULATOR_88PM800=m
CONFIG_REGULATOR_88PM8607=m
CONFIG_REGULATOR_ACT8865=m
CONFIG_REGULATOR_AD5398=m
CONFIG_REGULATOR_AAT2870=m
CONFIG_REGULATOR_ARIZONA_LDO1=m
CONFIG_REGULATOR_ARIZONA_MICSUPP=m
CONFIG_REGULATOR_AS3711=m

```

BKM

```
# CONFIG_REGULATOR_AW37503 is not set

CONFIG_REGULATOR_AXP20X=m

CONFIG_REGULATOR_BCM590XX=m

CONFIG_REGULATOR_BD9571MWV=m

CONFIG_REGULATOR_DA903X=m

CONFIG_REGULATOR_DA9052=m

CONFIG_REGULATOR_DA9055=m

CONFIG_REGULATOR_DA9062=m

CONFIG_REGULATOR_DA9210=m

CONFIG_REGULATOR_DA9211=m

CONFIG_REGULATOR_FAN53555=m

CONFIG_REGULATOR_GPIO=m

CONFIG_REGULATOR_ISL9305=m

CONFIG_REGULATOR_ISL6271A=m

CONFIG_REGULATOR_LM363X=m

CONFIG_REGULATOR_LP3971=m

CONFIG_REGULATOR_LP3972=m

CONFIG_REGULATOR_LP872X=m

CONFIG_REGULATOR_LP8755=m

CONFIG_REGULATOR_LP8788=m

CONFIG_REGULATOR_LTC3589=m

CONFIG_REGULATOR_LTC3676=m

CONFIG_REGULATOR_MAX14577=m

CONFIG_REGULATOR_MAX1586=m

# CONFIG_REGULATOR_MAX77503 is not set

# CONFIG_REGULATOR_MAX77857 is not set

CONFIG_REGULATOR_MAX8649=m
```

```

CONFIG_REGULATOR_MAX8660=m
# CONFIG_REGULATOR_MAX8893 is not set
CONFIG_REGULATOR_MAX8907=m
CONFIG_REGULATOR_MAX8925=m
CONFIG_REGULATOR_MAX8952=m
CONFIG_REGULATOR_MAX8997=m
CONFIG_REGULATOR_MAX8998=m
# CONFIG_REGULATOR_MAX20086 is not set
# CONFIG_REGULATOR_MAX20411 is not set
CONFIG_REGULATOR_MAX77693=m
CONFIG_REGULATOR_MAX77826=m
CONFIG_REGULATOR_MC13XXX_CORE=m
CONFIG_REGULATOR_MC13783=m
CONFIG_REGULATOR_MC13892=m
CONFIG_REGULATOR_MP8859=m
CONFIG_REGULATOR_MT6311=m
CONFIG_REGULATOR_MT6315=m
CONFIG_REGULATOR_MT6323=m
# CONFIG_REGULATOR_MT6331 is not set
# CONFIG_REGULATOR_MT6332 is not set
# CONFIG_REGULATOR_MT6357 is not set
CONFIG_REGULATOR_MT6358=m
# CONFIG_REGULATOR_MT6359 is not set
CONFIG_REGULATOR_MT6360=m
CONFIG_REGULATOR_MT6397=m
CONFIG_REGULATOR_PALMAS=m
CONFIG_REGULATOR_PCA9450=m

```

BKM

```

CONFIG_REGULATOR_PCAP=m
CONFIG_REGULATOR_PCF50633=m
CONFIG_REGULATOR_PV88060=m
CONFIG_REGULATOR_PV88080=m
CONFIG_REGULATOR_PV88090=m
CONFIG_REGULATOR_PWM=m
CONFIG_REGULATOR_QCOM_SPMI=m
CONFIG_REGULATOR_QCOM_USB_VBUS=m
# CONFIG_REGULATOR_RAA215300 is not set
CONFIG_REGULATOR_RC5T583=m
CONFIG_REGULATOR_RT4801=m
# CONFIG_REGULATOR_RT4803 is not set
CONFIG_REGULATOR_RT5033=m
# CONFIG_REGULATOR_RT5190A is not set
# CONFIG_REGULATOR_RT5739 is not set
# CONFIG_REGULATOR_RT5759 is not set
# CONFIG_REGULATOR_RT6160 is not set
# CONFIG_REGULATOR_RT6190 is not set
# CONFIG_REGULATOR_RT6245 is not set
# CONFIG_REGULATOR_RTQ2134 is not set
CONFIG_REGULATOR_RTMV20=m
# CONFIG_REGULATOR_RTQ6752 is not set
# CONFIG_REGULATOR_RTQ2208 is not set
CONFIG_REGULATOR_SKY81452=m
CONFIG_REGULATOR_SLG51000=m
CONFIG_REGULATOR_TPS51632=m
CONFIG_REGULATOR_TPS6105X=m

```

```

CONFIG_REGULATOR_TPS62360=m
CONFIG_REGULATOR_TPS65023=m
CONFIG_REGULATOR_TPS6507X=m
CONFIG_REGULATOR_TPS65086=m
CONFIG_REGULATOR_TPS65090=m
CONFIG_REGULATOR_TPS65132=m
CONFIG_REGULATOR_TPS6524X=m
CONFIG_REGULATOR_TPS6586X=m
CONFIG_REGULATOR_TPS65910=m
CONFIG_REGULATOR_TPS65912=m
CONFIG_REGULATOR_TWL4030=m
CONFIG_REGULATOR_WM831X=m
CONFIG_REGULATOR_WM8350=m
CONFIG_REGULATOR_WM8400=m
CONFIG_REGULATOR_WM8994=m
CONFIG_REGULATOR_QCOM_LABIBB=m
CONFIG_RC_CORE=m
CONFIG_LIRC=y
CONFIG_RC_MAP=m
CONFIG_RC_DECODERS=y
CONFIG_IR_IMON_DECODER=m
CONFIG_IR_JVC_DECODER=m
CONFIG_IR_MCE_KBD_DECODER=m
CONFIG_IR_NEC_DECODER=m
CONFIG_IR_RC5_DECODER=m
CONFIG_IR_RC6_DECODER=m
CONFIG_IR_RCMM_DECODER=m

```


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```

CONFIG_IR_SANYO_DECODER=m
CONFIG_IR_SHARP_DECODER=m
CONFIG_IR_SONY_DECODER=m
CONFIG_IR_XMP_DECODER=m
CONFIG_RC_DEVICES=y
CONFIG_IR_ENE=m
CONFIG_IR_FINTEK=m
CONFIG_IR_IGORPLUGUSB=m
CONFIG_IR_IGUANA=m
CONFIG_IR_IMON=m
CONFIG_IR_IMON_RAW=m
CONFIG_IR_ITE_CIR=m
CONFIG_IR_MCEUSB=m
CONFIG_IR_NUVOTON=m
CONFIG_IR_REDRAT3=m
CONFIG_IR_SERIAL=m
CONFIG_IR_SERIAL_TRANSMITTER=y
CONFIG_IR_STREAMZAP=m
CONFIG_IR_TOY=m
CONFIG_IR_TTUSBIR=m
CONFIG_IR_WINBOND_CIR=m
CONFIG_RC_ATI_REMOTE=m
CONFIG_RC_LOOPBACK=m
CONFIG_RC_XBOX_DVD=m
CONFIG_CEC_CORE=m
CONFIG_CEC_NOTIFIER=y

```

```
#  
# CEC support  
#  
CONFIG_MEDIA_CEC_RC=y  
CONFIG_MEDIA_CEC_SUPPORT=y  
CONFIG_CEC_CH7322=m  
CONFIG_CEC_CROS_EC=m  
# CONFIG_CEC_GPIO is not set  
CONFIG_CEC_SECO=m  
CONFIG_CEC_SECO_RC=y  
CONFIG_USB_PULSE8_CEC=m  
CONFIG_USB_RAINSHADOW_CEC=m  
# end of CEC support  
  
CONFIG_MEDIA_SUPPORT=m  
CONFIG_MEDIA_SUPPORT_FILTER=y  
CONFIG_MEDIA_SUBDRV_AUTOSELECT=y  
  
#  
# Media device types  
#  
CONFIG_MEDIA_CAMERA_SUPPORT=y  
CONFIG_MEDIA_ANALOG_TV_SUPPORT=y  
CONFIG_MEDIA_DIGITAL_TV_SUPPORT=y  
CONFIG_MEDIA_RADIO_SUPPORT=y  
CONFIG_MEDIA_SDR_SUPPORT=y  
CONFIG_MEDIA_PLATFORM_SUPPORT=y
```

BKM

```

CONFIG_MEDIA_TEST_SUPPORT=y

# end of Media device types


CONFIG_VIDEO_DEV=m
CONFIG_MEDIA_CONTROLLER=y
CONFIG_DVB_CORE=m


#
# Video4Linux options
#
CONFIG_VIDEO_V4L2_I2C=y
CONFIG_VIDEO_V4L2_SUBDEV_API=y
# CONFIG_VIDEO_ADV_DEBUG is not set
# CONFIG_VIDEO_FIXED_MINOR_RANGES is not set
CONFIG_VIDEO_TUNER=m
CONFIG_V4L2_MEM2MEM_DEV=m
CONFIG_V4L2_FLASH_LED_CLASS=m
CONFIG_V4L2_FWNODE=m
CONFIG_V4L2_ASYNC=m
CONFIG_V4L2_CCI=m
CONFIG_V4L2_CCI_I2C=m
# end of Video4Linux options


#
# Media controller options
#
CONFIG_MEDIA_CONTROLLER_DVB=y

```

```
# end of Media controller options

#

# Digital TV options

#

# CONFIG_DVB_MMIO is not set

CONFIG_DVB_NET=y

CONFIG_DVB_MAX_ADAPTERS=8

CONFIG_DVB_DYNAMIC_MINORS=y

# CONFIG_DVB_DEMUX_SECTION_LOSS_LOG is not set

# CONFIG_DVB_ULE_DEBUG is not set

# end of Digital TV options


#

# Media drivers

#


#

# Drivers filtered as selected at 'Filter media drivers'

#


#

# Media drivers

#

CONFIG_MEDIA_USB_SUPPORT=y


#
```

BKM

```
# Webcam devices

#

CONFIG_USB_GSPCA=m

CONFIG_USB_GSPCA_BENQ=m

CONFIG_USB_GSPCA_CONEX=m

CONFIG_USB_GSPCA_CPIA1=m

CONFIG_USB_GSPCA_DTCS033=m

CONFIG_USB_GSPCA_ETOMS=m

CONFIG_USB_GSPCA_FINEPIX=m

CONFIG_USB_GSPCA_JEILINJ=m

CONFIG_USB_GSPCA_JL2005BCD=m

CONFIG_USB_GSPCA_KINECT=m

CONFIG_USB_GSPCA_KONICA=m

CONFIG_USB_GSPCA_MARS=m

CONFIG_USB_GSPCA_MR97310A=m

CONFIG_USB_GSPCA_NW80X=m

CONFIG_USB_GSPCA_OV519=m

CONFIG_USB_GSPCA_OV534=m

CONFIG_USB_GSPCA_OV534_9=m

CONFIG_USB_GSPCA_PAC207=m

CONFIG_USB_GSPCA_PAC7302=m

CONFIG_USB_GSPCA_PAC7311=m

CONFIG_USB_GSPCA_SE401=m

CONFIG_USB_GSPCA_SN9C2028=m

CONFIG_USB_GSPCA_SN9C20X=m

CONFIG_USB_GSPCA_SONIXB=m

CONFIG_USB_GSPCA_SONIXJ=m
```

```

CONFIG_USB_GSPCA_SPCA1528=m
CONFIG_USB_GSPCA_SPCA500=m
CONFIG_USB_GSPCA_SPCA501=m
CONFIG_USB_GSPCA_SPCA505=m
CONFIG_USB_GSPCA_SPCA506=m
CONFIG_USB_GSPCA_SPCA508=m
CONFIG_USB_GSPCA_SPCA561=m
CONFIG_USB_GSPCA_SQ905=m
CONFIG_USB_GSPCA_SQ905C=m
CONFIG_USB_GSPCA_SQ930X=m
CONFIG_USB_GSPCA_STK014=m
CONFIG_USB_GSPCA_STK1135=m
CONFIG_USB_GSPCA_STV0680=m
CONFIG_USB_GSPCA_SUNPLUS=m
CONFIG_USB_GSPCA_T613=m
CONFIG_USB_GSPCA_TOPRO=m
CONFIG_USB_GSPCA_TOUPTEK=m
CONFIG_USB_GSPCA_TV8532=m
CONFIG_USB_GSPCA_VC032X=m
CONFIG_USB_GSPCA_VICAM=m
CONFIG_USB_GSPCA_XIRLINK_CIT=m
CONFIG_USB_GSPCA_ZC3XX=m
CONFIG_USB_GL860=m
CONFIG_USB_M5602=m
CONFIG_USB_STV06XX=m
CONFIG_USB_PWC=m
# CONFIG_USB_PWC_DEBUG is not set

```

BKM

```

CONFIG_USB_PWC_INPUT_EVDEV=y

CONFIG_USB_S2255=m

CONFIG_VIDEO_USBTVM=m

CONFIG_USB_VIDEO_CLASS=m

CONFIG_USB_VIDEO_CLASS_INPUT_EVDEV=y


#

# Analog TV USB devices

#

CONFIG_VIDEO_GO7007=m

CONFIG_VIDEO_GO7007_USB=m

CONFIG_VIDEO_GO7007_LOADER=m

CONFIG_VIDEO_GO7007_USB_S2250_BOARD=m

CONFIG_VIDEO_HDPVR=m

CONFIG_VIDEO_PVRUSB2=m

CONFIG_VIDEO_PVRUSB2_SYSFS=y

CONFIG_VIDEO_PVRUSB2_DVB=y

# CONFIG_VIDEO_PVRUSB2_DEBUGIFC is not set

CONFIG_VIDEO_STK1160=m


#

# Analog/digital TV USB devices

#

CONFIG_VIDEO_AU0828=m

CONFIG_VIDEO_AU0828_V4L2=y

CONFIG_VIDEO_AU0828_RC=y

CONFIG_VIDEO_CX231XX=m

```

```
CONFIG_VIDEO_CX231XX_RC=y
CONFIG_VIDEO_CX231XX_ALSA=m
CONFIG_VIDEO_CX231XX_DVB=m

#
# Digital TV USB devices
#
CONFIG_DVB_AS102=m
CONFIG_DVB_B2C2_FLEXCOP_USB=m
# CONFIG_DVB_B2C2_FLEXCOP_USB_DEBUG is not set
CONFIG_DVB_USB_V2=m
CONFIG_DVB_USB_AF9015=m
CONFIG_DVB_USB_AF9035=m
CONFIG_DVB_USB_ANYSEE=m
CONFIG_DVB_USB_AU6610=m
CONFIG_DVB_USB_AZ6007=m
CONFIG_DVB_USB_CE6230=m
CONFIG_DVB_USB_DVBSKY=m
CONFIG_DVB_USB_EC168=m
CONFIG_DVB_USB_GL861=m
CONFIG_DVB_USB_LME2510=m
CONFIG_DVB_USB_MXL111SF=m
CONFIG_DVB_USB_RTL28XXU=m
CONFIG_DVB_USB_ZD1301=m
CONFIG_DVB_USB=m
# CONFIG_DVB_USB_DEBUG is not set
CONFIG_DVB_USB_A800=m
```


BKM

```

CONFIG_DVB_USB_AF9005=m
CONFIG_DVB_USB_AF9005_REMOTE=m
CONFIG_DVB_USB_AZ6027=m
CONFIG_DVB_USB_CINERGY_T2=m
CONFIG_DVB_USB_CXUSB=m
CONFIG_DVB_USB_CXUSB_ANALOG=y
CONFIG_DVB_USB_DIB0700=m
CONFIG_DVB_USB_DIB3000MC=m
CONFIG_DVB_USB_DIBUSB_MB=m
# CONFIG_DVB_USB_DIBUSB_MB_FAULTY is not set
CONFIG_DVB_USB_DIBUSB_MC=m
CONFIG_DVB_USB_DIGITV=m
CONFIG_DVB_USB_DTT200U=m
CONFIG_DVB_USB_DTV5100=m
CONFIG_DVB_USB_DW2102=m
CONFIG_DVB_USB_GP8PSK=m
CONFIG_DVB_USB_M920X=m
CONFIG_DVB_USB_NOVA_T_USB2=m
CONFIG_DVB_USB_OPERA1=m
CONFIG_DVB_USB_PCTV452E=m
CONFIG_DVB_USB_TECHNISAT_USB2=m
CONFIG_DVB_USB_TTUSB2=m
CONFIG_DVB_USB_UMT_010=m
CONFIG_DVB_USB_VP702X=m
CONFIG_DVB_USB_VP7045=m
CONFIG_SMS_USB_DRV=m
CONFIG_DVB_TTUSB_BUDGET=m

```

```
CONFIG_DVB_TTUSB_DEC=m

#

# Webcam, TV (analog/digital) USB devices
#

CONFIG_VIDEO_EM28XX=m
CONFIG_VIDEO_EM28XX_V4L2=m
CONFIG_VIDEO_EM28XX_ALSA=m
CONFIG_VIDEO_EM28XX_DVB=m
CONFIG_VIDEO_EM28XX_RC=m

#

# Software defined radio USB devices
#

CONFIG_USB_AIRSPY=m
CONFIG_USB_HACKRF=m
CONFIG_USB_MSI2500=m
CONFIG_MEDIA_PCI_SUPPORT=y

#

# Media capture support
#

# CONFIG_VIDEO_MGB4 is not set
CONFIG_VIDEO_SOLO6X10=m
CONFIG_VIDEO_TW5864=m
CONFIG_VIDEO_TW68=m
CONFIG_VIDEO_TW686X=m
```

BKM

```

CONFIG_VIDEO_ZORAN=m

# CONFIG_VIDEO_ZORAN_DC30 is not set

# CONFIG_VIDEO_ZORAN_ZR36060 is not set


#

# Media capture/analog TV support

#

CONFIG_VIDEO_DT3155=m

CONFIG_VIDEO_IVTV=m

CONFIG_VIDEO_IVTV_ALSA=m

CONFIG_VIDEO_FB_IVTV=m

CONFIG_VIDEO_FB_IVTV_FORCE_PAT=y

CONFIG_VIDEO_HEXIUM_GEMINI=m

CONFIG_VIDEO_HEXIUM_ORION=m

CONFIG_VIDEO_MXB=m


#

# Media capture/analog/hybrid TV support

#

CONFIG_VIDEO_BT848=m

CONFIG_DVB_BT8XX=m

CONFIG_VIDEO_COBALT=m

CONFIG_VIDEO_CX18=m

CONFIG_VIDEO_CX18_ALSA=m

CONFIG_VIDEO_CX23885=m

CONFIG_MEDIA_ALTERA_CI=m

CONFIG_VIDEO_CX25821=m

```

```
CONFIG_VIDEO_CX25821_ALSA=m
CONFIG_VIDEO_CX88=m
CONFIG_VIDEO_CX88_ALSA=m
CONFIG_VIDEO_CX88_BLACKBIRD=m
CONFIG_VIDEO_CX88_DVB=m
CONFIG_VIDEO_CX88_ENABLE_VP3054=y
CONFIG_VIDEO_CX88_VP3054=m
CONFIG_VIDEO_CX88_MPEG=m
CONFIG_VIDEO_SAA7134=m
CONFIG_VIDEO_SAA7134_ALSA=m
CONFIG_VIDEO_SAA7134_RC=y
CONFIG_VIDEO_SAA7134_DVB=m
CONFIG_VIDEO_SAA7134_GO7007=m
CONFIG_VIDEO_SAA7164=m

#

# Media digital TV PCI Adapters

#

CONFIG_DVB_B2C2_FLEXCOP_PCI=m
# CONFIG_DVB_B2C2_FLEXCOP_PCI_DEBUG is not set
CONFIG_DVB_DDBRIDGE=m
# CONFIG_DVB_DDBRIDGE_MSIENABLE is not set
CONFIG_DVB_DM1105=m
CONFIG_MANTIS_CORE=m
CONFIG_DVB_MANTIS=m
CONFIG_DVB_HOPPER=m
CONFIG_DVB_NETUP_UNIDVB=m
```

BKM

```

CONFIG_DVB_NGENE=m
CONFIG_DVB_PLUTO2=m
CONFIG_DVB_PT1=m
CONFIG_DVB_PT3=m
CONFIG_DVB_SMIPCI=m
CONFIG_DVB_BUDGET_CORE=m
CONFIG_DVB_BUDGET=m
CONFIG_DVB_BUDGET_CI=m
CONFIG_DVB_BUDGET_AV=m
# CONFIG_VIDEO_PCI_SKELETON is not set
CONFIG_VIDEO_IPU3_CIO2=m
# CONFIG_INTEL_VSC is not set
# CONFIG_IPU_BRIDGE is not set
CONFIG_RADIO_ADAPTERS=m
CONFIG_RADIO_MAXIRADIO=m
CONFIG_RADIO_SAA7706H=m
CONFIG_RADIO_SHARK=m
CONFIG_RADIO_SHARK2=m
CONFIG_RADIO_SI4713=m
CONFIG_RADIO_SI476X=m
CONFIG_RADIO_TEA575X=m
CONFIG_RADIO_TEA5764=m
CONFIG_RADIO_TEF6862=m
CONFIG_RADIO_WL1273=m
CONFIG_USB_DSBR=m
CONFIG_USB_KEENE=m
CONFIG_USB_MA901=m

```

```
CONFIG_USB_MR800=m
CONFIG_USB_RAREMONO=m
CONFIG_RADIO_SI470X=m
CONFIG_USB_SI470X=m
CONFIG_I2C_SI470X=m
CONFIG_USB_SI4713=m
CONFIG_PLATFORM_SI4713=m
CONFIG_I2C_SI4713=m
CONFIG_RADIO_WL128X=m
CONFIG_MEDIA_PLATFORM_DRIVERS=y
CONFIG_V4L_PLATFORM_DRIVERS=y
CONFIG_SDR_PLATFORM_DRIVERS=y
CONFIG_DVB_PLATFORM_DRIVERS=y
CONFIG_V4L_MEM2MEM_DRIVERS=y
CONFIG_VIDEO_MEM2MEM_DEINTERLACE=m
```

```
#
# Allegro DVT media platform drivers
#
#
# Amlogic media platform drivers
#
#
# Amphion drivers
#
```

BKM

```
#  
  
# Aspeed media platform drivers  
  
#  
  
#  
  
# Atmel media platform drivers  
  
#  
  
#  
  
# Cadence media platform drivers  
  
#  
CONFIG_VIDEO_CADENCE_CSI2RX=m  
CONFIG_VIDEO_CADENCE_CSI2TX=m  
  
#  
  
# Chips&Media media platform drivers  
  
#  
  
#  
  
# Intel media platform drivers  
  
#  
  
#  
  
# Marvell media platform drivers  
  
#  
CONFIG_VIDEO_CAFE_CCIC=m
```

```
#  
  
# Mediatek media platform drivers  
  
#  
  
#  
  
# Microchip Technology, Inc. media platform drivers  
  
#  
  
#  
  
# Nuvoton media platform drivers  
  
#  
  
#  
  
# NVidia media platform drivers  
  
#  
  
#  
  
# NXP media platform drivers  
  
#  
  
#  
  
# Qualcomm media platform drivers  
  
#  
  
#  
  
# Renesas media platform drivers
```


BKM

#

#

Rockchip media platform drivers

#

#

Samsung media platform drivers

#

#

STMicroelectronics media platform drivers

#

#

Sunxi media platform drivers

#

#

Texas Instruments drivers

#

#

Verisilicon media platform drivers

#

#

```
# VIA media platform drivers

#

CONFIG_VIDEO_VIA_CAMERA=m


#

# Xilinx media platform drivers

#


#

# MMC/SDIO DVB adapters

#

CONFIG_SMS_SDIO_DRV=m

CONFIG_V4L_TEST_DRIVERS=y

CONFIG_VIDEO_VIM2M=m

CONFIG_VIDEO_VICODEC=m

CONFIG_VIDEO_VIMC=m

CONFIG_VIDEO_VIVID=m

CONFIG_VIDEO_VIVID_CEC=y

CONFIG_VIDEO_VIVID_MAX_DEVS=64

# CONFIG_VIDEO_VISL is not set

# CONFIG_DVB_TEST_DRIVERS is not set


#

# FireWire (IEEE 1394) Adapters

#

CONFIG_DVB_FIREDTV=m

CONFIG_DVB_FIREDTV_INPUT=y
```

BKM

CONFIG_MEDIA_COMMON_OPTIONS=y

#

common driver options

#

CONFIG_CYPRESS_FIRMWARE=m

CONFIG_TTPCI_EEPROM=m

CONFIG_UVC_COMMON=m

CONFIG_VIDEO_CX2341X=m

CONFIG_VIDEO_TVEEPROM=m

CONFIG_DVB_B2C2_FLEXCOP=m

CONFIG_VIDEO_SAA7146=m

CONFIG_VIDEO_SAA7146_VV=m

CONFIG_SMS_SIANO_MDTV=m

CONFIG_SMS_SIANO_RC=y

CONFIG_SMS_SIANO_DEBUGFS=y

CONFIG_VIDEO_V4L2_TPG=m

CONFIG_VIDEOBUF2_CORE=m

CONFIG_VIDEOBUF2_V4L2=m

CONFIG_VIDEOBUF2_MEMOPS=m

CONFIG_VIDEOBUF2_DMA_CONTIG=m

CONFIG_VIDEOBUF2_VMALLOC=m

CONFIG_VIDEOBUF2_DMA_SG=m

CONFIG_VIDEOBUF2_DVB=m

end of Media drivers

#

```
# Media ancillary drivers

#

CONFIG_MEDIA_ATTACH=y


#

# IR I2C driver auto-selected by 'Autoselect ancillary drivers'

#

CONFIG_VIDEO_IR_I2C=m

CONFIG_VIDEO_CAMERA_SENSOR=y

CONFIG_VIDEO_APTINA_PLL=m

CONFIG_VIDEO_CCS_PLL=m

# CONFIG_VIDEO_ALVIUM_CSI2 is not set

# CONFIG_VIDEO_AR0521 is not set

# CONFIG_VIDEO_GC0308 is not set

# CONFIG_VIDEO_GC2145 is not set

CONFIG_VIDEO_HI556=m

# CONFIG_VIDEO_HI846 is not set

# CONFIG_VIDEO_HI847 is not set

# CONFIG_VIDEO_IMX208 is not set

CONFIG_VIDEO_IMX214=m

CONFIG_VIDEO_IMX219=m

CONFIG_VIDEO_IMX258=m

CONFIG_VIDEO_IMX274=m

CONFIG_VIDEO_IMX290=m

# CONFIG_VIDEO_IMX296 is not set

CONFIG_VIDEO_IMX319=m

CONFIG_VIDEO_IMX355=m
```

BKM

```

CONFIG_VIDEO_MAX9271_LIB=m
CONFIG_VIDEO_MT9M001=m
CONFIG_VIDEO_MT9M111=m
# CONFIG_VIDEO_MT9M114 is not set
CONFIG_VIDEO_MT9P031=m
CONFIG_VIDEO_MT9T112=m
CONFIG_VIDEO_MT9V011=m
CONFIG_VIDEO_MT9V032=m
CONFIG_VIDEO_MT9V111=m
# CONFIG_VIDEO_OG01A1B is not set
# CONFIG_VIDEO_OV01A10 is not set
CONFIG_VIDEO_OV02A10=m
# CONFIG_VIDEO_OV08D10 is not set
# CONFIG_VIDEO_OV08X40 is not set
CONFIG_VIDEO_OV13858=m
CONFIG_VIDEO_OV13B10=m
CONFIG_VIDEO_OV2640=m
CONFIG_VIDEO_OV2659=m
CONFIG_VIDEO_OV2680=m
CONFIG_VIDEO_OV2685=m
CONFIG_VIDEO_OV2740=m
# CONFIG_VIDEO_OV4689 is not set
CONFIG_VIDEO_OV5647=m
CONFIG_VIDEO_OV5648=m
CONFIG_VIDEO_OV5670=m
CONFIG_VIDEO_OV5675=m
# CONFIG_VIDEO_OV5693 is not set

```

```
CONFIG_VIDEO_OV5695=m
# CONFIG_VIDEO_OV64A40 is not set
CONFIG_VIDEO_OV6650=m
CONFIG_VIDEO_OV7251=m
CONFIG_VIDEO_OV7640=m
CONFIG_VIDEO_OV7670=m
CONFIG_VIDEO_OV772X=m
CONFIG_VIDEO_OV7740=m
# CONFIG_VIDEO_OV8856 is not set
# CONFIG_VIDEO_OV8858 is not set
CONFIG_VIDEO_OV8865=m
CONFIG_VIDEO_OV9640=m
CONFIG_VIDEO_OV9650=m
CONFIG_VIDEO_OV9734=m
CONFIG_VIDEO_RDACM20=m
CONFIG_VIDEO_RDACM21=m
CONFIG_VIDEO_RJ54N1=m
CONFIG_VIDEO_S5C73M3=m
CONFIG_VIDEO_S5K5BAF=m
CONFIG_VIDEO_S5K6A3=m
CONFIG_VIDEO_CCS=m
CONFIG_VIDEO_ET8EK8=m

#
# Camera ISPs
#
# CONFIG_VIDEO_THP7312 is not set
```

BKM

```
# end of Camera ISPs

#

# Lens drivers

#

CONFIG_VIDEO_AD5820=m
CONFIG_VIDEO_AK7375=m
CONFIG_VIDEO_DW9714=m
# CONFIG_VIDEO_DW9719 is not set
CONFIG_VIDEO_DW9768=m
CONFIG_VIDEO_DW9807_VCM=m
# end of Lens drivers

#

# Flash devices

#

CONFIG_VIDEO_ADP1653=m
CONFIG_VIDEO_LM3560=m
CONFIG_VIDEO_LM3646=m
# end of Flash devices

#

# Audio decoders, processors and mixers

#

CONFIG_VIDEO_CS3308=m
CONFIG_VIDEO_CS5345=m
CONFIG_VIDEO_CS53L32A=m
```

```
CONFIG_VIDEO_MSP3400=m
CONFIG_VIDEO_SONY_BTTF_MPX=m
CONFIG_VIDEO_TDA1997X=m
CONFIG_VIDEO_TDA7432=m
CONFIG_VIDEO_TDA9840=m
CONFIG_VIDEO_TEA6415C=m
CONFIG_VIDEO_TEA6420=m
CONFIG_VIDEO_TLV320AIC23B=m
CONFIG_VIDEO_TVAUDIO=m
CONFIG_VIDEO_UDA1342=m
CONFIG_VIDEO_VP27SMPX=m
CONFIG_VIDEO_WM8739=m
CONFIG_VIDEO_WM8775=m
# end of Audio decoders, processors and mixers

#
# RDS decoders
#
CONFIG_VIDEO_SAA6588=m
# end of RDS decoders

#
# Video decoders
#
CONFIG_VIDEO_ADV7180=m
CONFIG_VIDEO_ADV7183=m
CONFIG_VIDEO_ADV7604=m
```


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```

CONFIG_VIDEO_ADV7604_CEC=y
CONFIG_VIDEO_ADV7842=m
CONFIG_VIDEO_ADV7842_CEC=y
CONFIG_VIDEO_BT819=m
CONFIG_VIDEO_BT856=m
CONFIG_VIDEO_BT866=m
CONFIG_VIDEO_KS0127=m
CONFIG_VIDEO_ML86V7667=m
CONFIG_VIDEO_SAA7110=m
CONFIG_VIDEO_SAA711X=m
CONFIG_VIDEO_TC358743=m
CONFIG_VIDEO_TC358743_CEC=y
# CONFIG_VIDEO_TC358746 is not set
CONFIG_VIDEO_TVP514X=m
CONFIG_VIDEO_TVP5150=m
CONFIG_VIDEO_TVP7002=m
CONFIG_VIDEO_TW2804=m
# CONFIG_VIDEO_TW9900 is not set
CONFIG_VIDEO_TW9903=m
CONFIG_VIDEO_TW9906=m
CONFIG_VIDEO_TW9910=m
CONFIG_VIDEO_VPX3220=m

#
# Video and audio decoders
#
CONFIG_VIDEO_SAA717X=m

```

```
CONFIG_VIDEO_CX25840=m
# end of Video decoders

#
# Video encoders
#
CONFIG_VIDEO_ADV7170=m
CONFIG_VIDEO_ADV7175=m
CONFIG_VIDEO_ADV7343=m
CONFIG_VIDEO_ADV7393=m
CONFIG_VIDEO_ADV7511=m
CONFIG_VIDEO_ADV7511_CEC=y
CONFIG_VIDEO_AK881X=m
CONFIG_VIDEO_SAA7127=m
CONFIG_VIDEO_SAA7185=m
CONFIG_VIDEO_THS8200=m
# end of Video encoders

#
# Video improvement chips
#
CONFIG_VIDEO_UPD64031A=m
CONFIG_VIDEO_UPD64083=m
# end of Video improvement chips

#
# Audio/Video compression chips
```

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```
#  
  
CONFIG_VIDEO_SAA6752HS=m  
  
# end of Audio/Video compression chips  
  
  
#  
  
# SDR tuner chips  
  
#  
  
CONFIG_SDR_MAX2175=m  
  
# end of SDR tuner chips  
  
  
#  
  
# Miscellaneous helper chips  
  
#  
  
CONFIG_VIDEO_I2C=m  
  
CONFIG_VIDEO_M52790=m  
  
CONFIG_VIDEO_ST_MIPID02=m  
  
CONFIG_VIDEO_THS7303=m  
  
# end of Miscellaneous helper chips  
  
  
#  
  
# Video serializers and deserializers  
  
#  
  
# end of Video serializers and deserializers  
  
  
#  
  
# Media SPI Adapters  
  
#
```

```

CONFIG_CXD2880_SPI_DRV=m

CONFIG_VIDEO_GS1662=m

# end of Media SPI Adapters


CONFIG_MEDIA_TUNER=m


#

# Customize TV tuners

#

CONFIG_MEDIA_TUNER_E4000=m
CONFIG_MEDIA_TUNER_FC0011=m
CONFIG_MEDIA_TUNER_FC0012=m
CONFIG_MEDIA_TUNER_FC0013=m
CONFIG_MEDIA_TUNER_FC2580=m
CONFIG_MEDIA_TUNER_IT913X=m
CONFIG_MEDIA_TUNER_M88RS6000T=m
CONFIG_MEDIA_TUNER_MAX2165=m
CONFIG_MEDIA_TUNER_MC44S803=m
CONFIG_MEDIA_TUNER_MSI001=m
CONFIG_MEDIA_TUNER_MT2060=m
CONFIG_MEDIA_TUNER_MT2063=m
CONFIG_MEDIA_TUNER_MT20XX=m
CONFIG_MEDIA_TUNER_MT2131=m
CONFIG_MEDIA_TUNER_MT2266=m
CONFIG_MEDIA_TUNER_MXL301RF=m
CONFIG_MEDIA_TUNER_MXL5005S=m
CONFIG_MEDIA_TUNER_MXL5007T=m

```

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```
CONFIG_MEDIA_TUNER_QM1D1B0004=m
CONFIG_MEDIA_TUNER_QM1D1C0042=m
CONFIG_MEDIA_TUNER_QT1010=m
CONFIG_MEDIA_TUNER_R820T=m
CONFIG_MEDIA_TUNER_SI2157=m
CONFIG_MEDIA_TUNER_SIMPLE=m
CONFIG_MEDIA_TUNER_TDA18212=m
CONFIG_MEDIA_TUNER_TDA18218=m
CONFIG_MEDIA_TUNER_TDA18250=m
CONFIG_MEDIA_TUNER_TDA18271=m
CONFIG_MEDIA_TUNER_TDA827X=m
CONFIG_MEDIA_TUNER_TDA8290=m
CONFIG_MEDIA_TUNER_TDA9887=m
CONFIG_MEDIA_TUNER_TEA5761=m
CONFIG_MEDIA_TUNER_TEA5767=m
CONFIG_MEDIA_TUNER_TUA9001=m
CONFIG_MEDIA_TUNER_XC2028=m
CONFIG_MEDIA_TUNER_XC4000=m
CONFIG_MEDIA_TUNER_XC5000=m
# end of Customize TV tuners
```

```
#
```

```
# Customise DVB Frontends
```

```
#
```

```
#
```

```
# Multistandard (satellite) frontends
```

```
#  
  
CONFIG_DVB_M88DS3103=m  
  
CONFIG_DVB_MXL5XX=m  
  
CONFIG_DVB_STB0899=m  
  
CONFIG_DVB_STB6100=m  
  
CONFIG_DVB_STV090x=m  
  
CONFIG_DVB_STV0910=m  
  
CONFIG_DVB_STV6110x=m  
  
CONFIG_DVB_STV6111=m  
  
  
#  
  
# Multistandard (cable + terrestrial) frontends  
  
#  
  
CONFIG_DVB_DRXK=m  
  
CONFIG_DVB_MN88472=m  
  
CONFIG_DVB_MN88473=m  
  
CONFIG_DVB_SI2165=m  
  
CONFIG_DVB_TDA18271C2DD=m  
  
  
#  
  
# DVB-S (satellite) frontends  
  
#  
  
CONFIG_DVB_CX24110=m  
  
CONFIG_DVB_CX24116=m  
  
CONFIG_DVB_CX24117=m  
  
CONFIG_DVB_CX24120=m  
  
CONFIG_DVB_CX24123=m
```

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```

CONFIG_DVB_DS3000=m
CONFIG_DVB_MB86A16=m
CONFIG_DVB_MT312=m
CONFIG_DVB_S5H1420=m
CONFIG_DVB_SI21XX=m
CONFIG_DVB_STB6000=m
CONFIG_DVB_STV0288=m
CONFIG_DVB_STV0299=m
CONFIG_DVB_STV0900=m
CONFIG_DVB_STV6110=m
CONFIG_DVB_TDA10071=m
CONFIG_DVB_TDA10086=m
CONFIG_DVB_TDA8083=m
CONFIG_DVB_TDA8261=m
CONFIG_DVB_TDA826X=m
CONFIG_DVB_TS2020=m
CONFIG_DVB_TUA6100=m
CONFIG_DVB_TUNER_CX24113=m
CONFIG_DVB_TUNER_ITD1000=m
CONFIG_DVB_VES1X93=m
CONFIG_DVB_ZL10036=m
CONFIG_DVB_ZL10039=m

#
# DVB-T (terrestrial) frontends
#
CONFIG_DVB_AF9013=m

```

CONFIG_DVB_AS102_FE=m
 CONFIG_DVB_CX22700=m
 CONFIG_DVB_CX22702=m
 CONFIG_DVB_CXD2820R=m
 CONFIG_DVB_CXD2841ER=m
 CONFIG_DVB_DIB3000MB=m
 CONFIG_DVB_DIB3000MC=m
 CONFIG_DVB_DIB7000M=m
 CONFIG_DVB_DIB7000P=m
 CONFIG_DVB_DIB9000=m
 CONFIG_DVB_DRXD=m
 CONFIG_DVB_EC100=m
 CONFIG_DVB_GP8PSK_FE=m
 CONFIG_DVB_L64781=m
 CONFIG_DVB_MT352=m
 CONFIG_DVB_NXT6000=m
 CONFIG_DVB_RTL2830=m
 CONFIG_DVB_RTL2832=m
 CONFIG_DVB_RTL2832_SDR=m
 CONFIG_DVB_S5H1432=m
 CONFIG_DVB_SI2168=m
 CONFIG_DVB_SP887X=m
 CONFIG_DVB_STV0367=m
 CONFIG_DVB_TDA10048=m
 CONFIG_DVB_TDA1004X=m
 CONFIG_DVB_ZD1301_DEMOD=m
 CONFIG_DVB_ZL10353=m

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```

CONFIG_DVB_CXD2880=m

#
# DVB-C (cable) frontends
#
CONFIG_DVB_STV0297=m
CONFIG_DVB_TDA10021=m
CONFIG_DVB_TDA10023=m
CONFIG_DVB_VES1820=m

#
# ATSC (North American/Korean Terrestrial/Cable DTV) frontends
#
CONFIG_DVB_AU8522=m
CONFIG_DVB_AU8522_DTV=m
CONFIG_DVB_AU8522_V4L=m
CONFIG_DVB_BCM3510=m
CONFIG_DVB_LG2160=m
CONFIG_DVB_LGDT3305=m
CONFIG_DVB_LGDT3306A=m
CONFIG_DVB_LGDT330X=m
CONFIG_DVB_MXL692=m
CONFIG_DVB_NXT200X=m
CONFIG_DVB_OR51132=m
CONFIG_DVB_OR51211=m
CONFIG_DVB_S5H1409=m
CONFIG_DVB_S5H1411=m

```

```
#  
  
# ISDB-T (terrestrial) frontends  
  
#  
  
CONFIG_DVB_DIB8000=m  
  
CONFIG_DVB_MB86A20S=m  
  
CONFIG_DVB_S921=m  
  
  
#  
  
# ISDB-S (satellite) & ISDB-T (terrestrial) frontends  
  
#  
  
CONFIG_DVB_MN88443X=m  
  
CONFIG_DVB_TC90522=m  
  
  
#  
  
# Digital terrestrial only tuners/PLL  
  
#  
  
CONFIG_DVB_PLL=m  
  
CONFIG_DVB_TUNER_DIB0070=m  
  
CONFIG_DVB_TUNER_DIB0090=m  
  
  
#  
  
# SEC control devices for DVB-S  
  
#  
  
CONFIG_DVB_A8293=m  
  
CONFIG_DVB_AF9033=m  
  
CONFIG_DVB_ASCOT2E=m
```

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```

CONFIG_DVB_ATBM8830=m
CONFIG_DVB_HELENE=m
CONFIG_DVB_HORUS3A=m
CONFIG_DVB_ISL6405=m
CONFIG_DVB_ISL6421=m
CONFIG_DVB_ISL6423=m
CONFIG_DVB_IX2505V=m
CONFIG_DVB_LGS8GL5=m
CONFIG_DVB_LGS8GXX=m
CONFIG_DVB_LNBH25=m
CONFIG_DVB_LNBH29=m
CONFIG_DVB_LNBP21=m
CONFIG_DVB_LNBP22=m
CONFIG_DVB_M88RS2000=m
CONFIG_DVB_TDA665x=m
CONFIG_DVB_DRX39XYJ=m

#

# Common Interface (EN50221) controller drivers

#

CONFIG_DVB_CXD2099=m
CONFIG_DVB_SP2=m

# end of Customise DVB Frontends

#

# Tools to develop new frontends

#

```

```
CONFIG_DVB_DUMMY_FE=m
# end of Media ancillary drivers

#
# Graphics support
#
CONFIG_APERTURE_HELPERS=y
CONFIG_SCREEN_INFO=y
CONFIG_VIDEO=y
CONFIG_AUXDISPLAY=y
CONFIG_CHARLCD=m
CONFIG_HD44780_COMMON=m
CONFIG_HD44780=m
CONFIG_LCD2S=m
CONFIG_PARPORT_PANEL=m
CONFIG_PANEL_PARPORT=0
CONFIG_PANEL_PROFILE=5
# CONFIG_PANEL_CHANGE_MESSAGE is not set
# CONFIG_CHARLCD_BL_OFF is not set
# CONFIG_CHARLCD_BL_ON is not set
CONFIG_CHARLCD_BL_FLASH=y
CONFIG_KS0108=m
CONFIG_KS0108_PORT=0x378
CONFIG_KS0108_DELAY=2
CONFIG_CFAG12864B=m
CONFIG_CFAG12864B_RATE=20
CONFIG_LINEDISP=m
```

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```

CONFIG_IMG_ASCII_LCD=m

# CONFIG_HT16K33 is not set

# CONFIG_MAX6959 is not set

# CONFIG_SEG_LED_GPIO is not set

CONFIG_PANEL=m

CONFIG_AGP=y

CONFIG_AGP_AMD64=y

CONFIG_AGP_INTEL=y

CONFIG_AGP_SIS=m

CONFIG_AGP_VIA=y

CONFIG_INTEL_GTT=y

CONFIG_VGA_SWITCHEROO=y

CONFIG_DRM=m

CONFIG_DRM_MIPI_DBI=m

CONFIG_DRM_MIPI_DSI=y

# CONFIG_DRM_DEBUG_MM is not set

CONFIG_DRM_KMS_HELPER=m

# CONFIG_DRM_DEBUG_DP_MST_TOPOLOGY_REFS is not set

# CONFIG_DRM_DEBUG_MODESET_LOCK is not set

CONFIG_DRM_FBDEV_EMULATION=y

CONFIG_DRM_FBDEV_OVERALLOC=100

# CONFIG_DRM_FBDEV_LEAK_PHYS_SMEM is not set

CONFIG_DRM_LOAD_EDID_FIRMWARE=y

CONFIG_DRM_DISPLAY_HELPER=m

CONFIG_DRM_DISPLAY_DP_HELPER=y

CONFIG_DRM_DISPLAY_DP_TUNNEL=y

CONFIG_DRM_DISPLAY_HDCP_HELPER=y

```

```

CONFIG_DRM_DISPLAY_HDMI_HELPER=y
CONFIG_DRM_DP_AUX_CHARDEV=y
CONFIG_DRM_DP_CEC=y
CONFIG_DRM_TTM=m
CONFIG_DRM_EXEC=m
CONFIG_DRM_GPUVM=m
CONFIG_DRM_BUDDY=m
CONFIG_DRM_VRAM_HELPER=m
CONFIG_DRM_TTM_HELPER=m
CONFIG_DRM_GEM_DMA_HELPER=m
CONFIG_DRM_GEM_SHMEM_HELPER=m
CONFIG_DRM_SUBALLOC_HELPER=m
CONFIG_DRM_SCHED=m

```

```
#
```

```
# I2C encoder or helper chips
```

```
#
```

```
CONFIG_DRM_I2C_CH7006=m
```

```
CONFIG_DRM_I2C_SIL164=m
```

```
CONFIG_DRM_I2C_NXP_TDA998X=m
```

```
CONFIG_DRM_I2C_NXP_TDA9950=m
```

```
# end of I2C encoder or helper chips
```

```
#
```

```
# ARM devices
```

```
#
```

```
# end of ARM devices
```

```

CONFIG_DRM_RADEON=m

# CONFIG_DRM_RADEON_USERPTR is not set

CONFIG_DRM_AMDGPU=m

CONFIG_DRM_AMDGPU_SI=y

CONFIG_DRM_AMDGPU_CIK=y

CONFIG_DRM_AMDGPU_USERPTR=y

# CONFIG_DRM_AMDGPU_WERROR is not set


#

# ACP (Audio CoProcessor) Configuration

#

CONFIG_DRM_AMD_ACP=y

# end of ACP (Audio CoProcessor) Configuration


#

# Display Engine Configuration

#

CONFIG_DRM_AMD_DC=y

CONFIG_DRM_AMD_DC_FP=y

CONFIG_DRM_AMD_DC_SI=y

# CONFIG_DEBUG_KERNEL_DC is not set

# CONFIG_DRM_AMD_SECURE_DISPLAY is not set

# end of Display Engine Configuration


CONFIG_HSA_AMD=y

CONFIG_HSA_AMD_SVM=y

```

```

CONFIG_DRM_NOUVEAU=m

CONFIG_NOUVEAU_DEBUG=5

CONFIG_NOUVEAU_DEBUG_DEFAULT=3

# CONFIG_NOUVEAU_DEBUG_MMU is not set

# CONFIG_NOUVEAU_DEBUG_PUSH is not set

CONFIG_DRM_NOUVEAU_BACKLIGHT=y

# CONFIG_DRM_NOUVEAU_SVM is not set

# CONFIG_DRM_NOUVEAU_GSP_DEFAULT is not set

CONFIG_DRM_I915=m

CONFIG_DRM_I915_FORCE_PROBE=""

CONFIG_DRM_I915_CAPTURE_ERROR=y

CONFIG_DRM_I915_COMPRESS_ERROR=y

CONFIG_DRM_I915_USERPTR=y

CONFIG_DRM_I915_GVT_KVMGT=m

CONFIG_DRM_I915_DP_TUNNEL=y


#

# drm/i915 Debugging

#

# CONFIG_DRM_I915_WERROR is not set

# CONFIG_DRM_I915_DEBUG is not set

# CONFIG_DRM_I915_DEBUG_MMIO is not set

# CONFIG_DRM_I915_SW_FENCE_DEBUG_OBJECTS is not set

# CONFIG_DRM_I915_SW_FENCE_CHECK_DAG is not set

# CONFIG_DRM_I915_DEBUG_GUC is not set

# CONFIG_DRM_I915_SELFTEST is not set

# CONFIG_DRM_I915_LOW_LEVEL_TRACEPOINTS is not set

```


BKM

```
# CONFIG_DRM_I915_DEBUG_VBLANK_EVADE is not set
# CONFIG_DRM_I915_DEBUG_RUNTIME_PM is not set
# CONFIG_DRM_I915_DEBUG_WAKEREFS is not set
# end of drm/i915 Debugging

#
# drm/i915 Profile Guided Optimisation
#
CONFIG_DRM_I915_REQUEST_TIMEOUT=20000
CONFIG_DRM_I915_FENCE_TIMEOUT=10000
CONFIG_DRM_I915_USERFAULT_AUTOSUSPEND=250
CONFIG_DRM_I915_HEARTBEAT_INTERVAL=2500
CONFIG_DRM_I915_PREEMPT_TIMEOUT=640
CONFIG_DRM_I915_PREEMPT_TIMEOUT_COMPUTE=7500
CONFIG_DRM_I915_MAX_REQUEST_BUSYWAIT=8000
CONFIG_DRM_I915_STOP_TIMEOUT=100
CONFIG_DRM_I915_TIMESLICE_DURATION=1
# end of drm/i915 Profile Guided Optimisation

CONFIG_DRM_I915_GVT=y
# CONFIG_DRM_XE is not set
CONFIG_DRM_VGEM=m
CONFIG_DRM_VKMS=m
CONFIG_DRM_VMWGFX=m
# CONFIG_DRM_VMWGFX_MKSTATS is not set
CONFIG_DRM_GMA500=m
CONFIG_DRM_UDL=m
```

```
CONFIG_DRM_AST=m
CONFIG_DRM_MGAG200=m
CONFIG_DRM_QXL=m
CONFIG_DRM_VIRTIO_GPU=m
CONFIG_DRM_VIRTIO_GPU_KMS=y
CONFIG_DRM_PANEL=y

#
# Display Panels
#
# CONFIG_DRM_PANEL_AUO_A030JTN01 is not set
# CONFIG_DRM_PANEL_ILITEK_ILI9341 is not set
# CONFIG_DRM_PANEL_ORISETECH_OTA5601A is not set
CONFIG_DRM_PANEL_RASPBERRYPI_TOUCHSCREEN=m
# CONFIG_DRM_PANEL_WIDECHIPS_WS2401 is not set
# end of Display Panels

CONFIG_DRM_BRIDGE=y
CONFIG_DRM_PANEL_BRIDGE=y

#
# Display Interface Bridges
#
CONFIG_DRM_ANALOGIX_ANX78XX=m
CONFIG_DRM_ANALOGIX_DP=m
# end of Display Interface Bridges
```

BKM

```
# CONFIG_DRM_ETNAVIV is not set

CONFIG_DRM_BOCHS=m

CONFIG_DRM_CIRRUS_QEMU=m

CONFIG_DRM_GM12U320=m

# CONFIG_DRM_PANEL_MIPI_DBI is not set

# CONFIG_DRM_SIMPLEDRM is not set

CONFIG_TINYDRM_HX8357D=m

# CONFIG_TINYDRM_ILI9163 is not set

CONFIG_TINYDRM_ILI9225=m

CONFIG_TINYDRM_ILI9341=m

CONFIG_TINYDRM_ILI9486=m

CONFIG_TINYDRM_MIO283QT=m

CONFIG_TINYDRM_REPAPER=m

CONFIG_TINYDRM_ST7586=m

CONFIG_TINYDRM_ST7735R=m

CONFIG_DRM_XEN=y

CONFIG_DRM_XEN_FRONTEND=m

CONFIG_DRM_VBOXVIDEO=m

# CONFIG_DRM_GUD is not set

# CONFIG_DRM_SSD130X is not set

# CONFIG_DRM_HYPERV is not set

CONFIG_DRM_PANEL_ORIENTATION_QUIRKS=y

CONFIG_DRM_PRIVACY_SCREEN=y


#

# Frame buffer Devices

#
```

```

CONFIG_FB=y
CONFIG_FB_HECUBA=m
CONFIG_FB_SVGALIB=m
CONFIG_FB_CIRRUS=m
CONFIG_FB_PM2=m
CONFIG_FB_PM2_FIFO_DISCONNECT=y
CONFIG_FB_CYBER2000=m
CONFIG_FB_CYBER2000_DDC=y
CONFIG_FB_ARC=m
CONFIG_FB_ASILANT=y
CONFIG_FB_IMSTT=y
CONFIG_FB_VGA16=m
CONFIG_FB_UVESA=m
CONFIG_FB_VESA=y
CONFIG_FB_EFI=y
CONFIG_FB_N411=m
CONFIG_FB_HGA=m
CONFIG_FB_OPENCORES=m
CONFIG_FB_S1D13XXX=m
CONFIG_FB_NVIDIA=m
CONFIG_FB_NVIDIA_I2C=y
# CONFIG_FB_NVIDIA_DEBUG is not set
CONFIG_FB_NVIDIA_BACKLIGHT=y
CONFIG_FB_RIVA=m
CONFIG_FB_RIVA_I2C=y
# CONFIG_FB_RIVA_DEBUG is not set
CONFIG_FB_RIVA_BACKLIGHT=y

```

BKM

```

CONFIG_FB_I740=m
CONFIG_FB_MATROX=m
CONFIG_FB_MATROX_MILLENIUM=y
CONFIG_FB_MATROX_MYSTIQUE=y
CONFIG_FB_MATROX_G=y
CONFIG_FB_MATROX_I2C=m
CONFIG_FB_MATROX_MAVEN=m
CONFIG_FB_RADEON=m
CONFIG_FB_RADEON_I2C=y
CONFIG_FB_RADEON_BACKLIGHT=y
# CONFIG_FB_RADEON_DEBUG is not set
CONFIG_FB_ATY128=m
CONFIG_FB_ATY128_BACKLIGHT=y
CONFIG_FB_ATY=m
CONFIG_FB_ATY_CT=y
# CONFIG_FB_ATY_GENERIC_LCD is not set
CONFIG_FB_ATY_GX=y
CONFIG_FB_ATY_BACKLIGHT=y
CONFIG_FB_S3=m
CONFIG_FB_S3_DDC=y
CONFIG_FB_SAVAGE=m
CONFIG_FB_SAVAGE_I2C=y
# CONFIG_FB_SAVAGE_ACCEL is not set
CONFIG_FB_SIS=m
CONFIG_FB_SIS_300=y
CONFIG_FB_SIS_315=y
CONFIG_FB_VIA=m

```

```
# CONFIG_FB_VIA_DIRECT_PROCFS is not set

CONFIG_FB_VIA_X_COMPATIBILITY=y

CONFIG_FB_NEOMAGIC=m

CONFIG_FB_KYRO=m

CONFIG_FB_3DFX=m

# CONFIG_FB_3DFX_ACCEL is not set

# CONFIG_FB_3DFX_I2C is not set

CONFIG_FB_VOODOO1=m

CONFIG_FB_VT8623=m

CONFIG_FB_TRIDENT=m

CONFIG_FB_ARK=m

CONFIG_FB_PM3=m

CONFIG_FB_CARMINE=m

CONFIG_FB_CARMINE_DRAM_EVAL=y

# CONFIG_CARMINE_DRAM_CUSTOM is not set

CONFIG_FB_SM501=m

CONFIG_FB_SMSCUFx=m

CONFIG_FB_UDL=m

# CONFIG_FB_IBM_GXT4500 is not set

# CONFIG_FB_VIRTUAL is not set

CONFIG_XEN_FBDEV_FRONTEND=m

CONFIG_FB_METRONOME=m

CONFIG_FB_MB862XX=m

CONFIG_FB_MB862XX_PCI_GDC=y

CONFIG_FB_MB862XX_I2C=y

CONFIG_FB_HYPERV=m

CONFIG_FB_SIMPLE=y
```

BKM

```
# CONFIG_FB_SSD1307 is not set

CONFIG_FB_SM712=m

CONFIG_FB_CORE=y

CONFIG_FB_NOTIFY=y

CONFIG_FIRMWARE_EDID=y

CONFIG_FB_DEVICE=y

CONFIG_FB_DDC=m

CONFIG_FB_CFB_FILLRECT=y

CONFIG_FB_CFB_COPYAREA=y

CONFIG_FB_CFB_IMAGEBLIT=y

CONFIG_FB_SYS_FILLRECT=y

CONFIG_FB_SYS_COPYAREA=y

CONFIG_FB_SYS_IMAGEBLIT=y

# CONFIG_FB_FOREIGN_ENDIAN is not set

CONFIG_FB_SYSMEM_FOPS=y

CONFIG_FB_DEFERRED_IO=y

CONFIG_FB_DMAMEM_HELPERS=y

CONFIG_FB_IOMEM_FOPS=y

CONFIG_FB_IOMEM_HELPERS=y

CONFIG_FB_IOMEM_HELPERS_DEFERRED=y

CONFIG_FB_SYSMEM_HELPERS=y

CONFIG_FB_SYSMEM_HELPERS_DEFERRED=y

CONFIG_FB_BACKLIGHT=m

CONFIG_FB_MODE_HELPERS=y

CONFIG_FB_TILEBLITTING=y

# end of Frame buffer Devices
```

```
#  
# Backlight & LCD device support  
#  
CONFIG_LCD_CLASS_DEVICE=m  
CONFIG_LCD_L4F00242T03=m  
CONFIG_LCD_LMS283GF05=m  
CONFIG_LCD_LTV350QV=m  
CONFIG_LCD_ILI922X=m  
CONFIG_LCD_ILI9320=m  
CONFIG_LCD_TDO24M=m  
CONFIG_LCD_VGG2432A4=m  
CONFIG_LCD_PLATFORM=m  
CONFIG_LCD_AMS369FG06=m  
CONFIG_LCD_LMS501KF03=m  
CONFIG_LCD_HX8357=m  
CONFIG_LCD_OTM3225A=m  
CONFIG_BACKLIGHT_CLASS_DEVICE=y  
CONFIG_BACKLIGHT_KTD253=m  
# CONFIG_BACKLIGHT_KTD2801 is not set  
# CONFIG_BACKLIGHT_KTZ8866 is not set  
CONFIG_BACKLIGHT_LM3533=m  
CONFIG_BACKLIGHT_PWM=m  
CONFIG_BACKLIGHT_DA903X=m  
CONFIG_BACKLIGHT_DA9052=m  
CONFIG_BACKLIGHT_MAX8925=m  
CONFIG_BACKLIGHT_APPLE=m  
CONFIG_BACKLIGHT_QCOM_WLED=m
```


BKM

```

CONFIG_BACKLIGHT_SAHARA=m
CONFIG_BACKLIGHT_WM831X=m
CONFIG_BACKLIGHT_ADP5520=m
CONFIG_BACKLIGHT_ADP8860=m
CONFIG_BACKLIGHT_ADP8870=m
CONFIG_BACKLIGHT_88PM860X=m
CONFIG_BACKLIGHT_PCF50633=m
CONFIG_BACKLIGHT_AAT2870=m
CONFIG_BACKLIGHT_LM3630A=m
CONFIG_BACKLIGHT_LM3639=m
CONFIG_BACKLIGHT_LP855X=m
CONFIG_BACKLIGHT_LP8788=m
# CONFIG_BACKLIGHT_MP3309C is not set
CONFIG_BACKLIGHT_PANDORA=m
CONFIG_BACKLIGHT_SKY81452=m
CONFIG_BACKLIGHT_AS3711=m
CONFIG_BACKLIGHT_GPIO=m
CONFIG_BACKLIGHT_LV5207LP=m
CONFIG_BACKLIGHT_BD6107=m
CONFIG_BACKLIGHT_ARCXCNN=m
CONFIG_BACKLIGHT_RAVE_SP=m
# end of Backlight & LCD device support

CONFIG_VGASTATE=m
CONFIG_VIDEOMODE_HELPERS=y
CONFIG_HDMI=y

```

```
#  
# Console display driver support  
#  
CONFIG_VGA_CONSOLE=y  
CONFIG_DUMMY_CONSOLE=y  
CONFIG_DUMMY_CONSOLE_COLUMNS=80  
CONFIG_DUMMY_CONSOLE_ROWS=25  
CONFIG_FRAMEBUFFER_CONSOLE=y  
# CONFIG_FRAMEBUFFER_CONSOLE_LEGACY_ACCELERATION is not set  
CONFIG_FRAMEBUFFER_CONSOLE_DETECT_PRIMARY=y  
CONFIG_FRAMEBUFFER_CONSOLE_ROTATION=y  
CONFIG_FRAMEBUFFER_CONSOLE_DEFERRED_TAKEOVER=y  
# end of Console display driver support  
  
# CONFIG_LOGO is not set  
# end of Graphics support  
  
CONFIG_DRM_ACCEL=y  
# CONFIG_DRM_ACCEL_HABANALABS is not set  
CONFIG_DRM_ACCEL_IVPU=m  
# CONFIG_DRM_ACCEL_QAIC is not set  
CONFIG_SOUND=m  
CONFIG_SOUND_OSS_CORE=y  
# CONFIG_SOUND_OSS_CORE_PRECLAIM is not set  
CONFIG_SND=m  
CONFIG_SND_TIMER=m  
CONFIG_SND_PCM=m
```

BKM

```

CONFIG_SND_PCM_ELD=y
CONFIG_SND_PCM_IEC958=y
CONFIG_SND_DMAENGINE_PCM=m
CONFIG_SND_HWDEP=m
CONFIG_SND_SEQ_DEVICE=m
CONFIG_SND_RAWMIDI=m
CONFIG_SND_COMPRESS_OFFLOAD=m
CONFIG_SND_JACK=y
CONFIG_SND_JACK_INPUT_DEV=y
CONFIG_SND_OSSEMUL=y
CONFIG_SND_MIXER_OSS=m
# CONFIG_SND_PCM_OSS is not set
CONFIG_SND_PCM_TIMER=y
CONFIG_SND_HRTIMER=m
CONFIG_SND_DYNAMIC_MINORS=y
CONFIG_SND_MAX_CARDS=32
CONFIG_SND_SUPPORT_OLD_API=y
CONFIG_SND_PROC_FS=y
CONFIG_SND_VERBOSE_PROCFS=y
# CONFIG_SND_VERBOSE_PRINTK is not set
CONFIG_SND_CTL_FAST_LOOKUP=y
# CONFIG_SND_DEBUG is not set
# CONFIG_SND_CTL_INPUT_VALIDATION is not set
CONFIG_SND_VMASTER=y
CONFIG_SND_DMA_SGBUF=y
CONFIG_SND_CTL_LED=m
CONFIG_SND_SEQUENCER=m

```

```
CONFIG_SND_SEQ_DUMMY=m
# CONFIG_SND_SEQUENCER_OSS is not set
CONFIG_SND_SEQ_HRTIMER_DEFAULT=y
CONFIG_SND_SEQ_MIDI_EVENT=m
CONFIG_SND_SEQ_MIDI=m
CONFIG_SND_SEQ_MIDI_EMUL=m
CONFIG_SND_SEQ_VIRMIDI=m
# CONFIG_SND_SEQ_UMP is not set
CONFIG_SND_MPU401_UART=m
CONFIG_SND_OPL3_LIB=m
CONFIG_SND_OPL3_LIB_SEQ=m
CONFIG_SND_VX_LIB=m
CONFIG_SND_AC97_CODEC=m
CONFIG_SND_DRIVERS=y
CONFIG_SND_PCSP=m
CONFIG_SND_DUMMY=m
CONFIG_SND_ALOOP=m
# CONFIG_SND_PCMTTEST is not set
CONFIG_SND_VIRMIDI=m
CONFIG_SND_MTPAV=m
CONFIG_SND_MTS64=m
CONFIG_SND_SERIAL_U16550=m
CONFIG_SND_MPU401=m
CONFIG_SND_PORTMAN2X4=m
CONFIG_SND_AC97_POWER_SAVE=y
CONFIG_SND_AC97_POWER_SAVE_DEFAULT=0
CONFIG_SND_SB_COMMON=m
```

BKM

```

CONFIG_SND_PCI=y
CONFIG_SND_AD1889=m
CONFIG_SND_ALS300=m
CONFIG_SND_ALS4000=m
CONFIG_SND_ALI5451=m
CONFIG_SND_ASIHPI=m
CONFIG_SND_ATIIXP=m
CONFIG_SND_ATIIXP_MODEM=m
CONFIG_SND_AU8810=m
CONFIG_SND_AU8820=m
CONFIG_SND_AU8830=m
CONFIG_SND_AW2=m
CONFIG_SND_AZT3328=m
CONFIG_SND_BT87X=m
# CONFIG_SND_BT87X_OVERCLOCK is not set
CONFIG_SND_CA0106=m
CONFIG_SND_CMIPCI=m
CONFIG_SND_OXYGEN_LIB=m
CONFIG_SND_OXYGEN=m
CONFIG_SND_CS4281=m
CONFIG_SND_CS46XX=m
CONFIG_SND_CS46XX_NEW_DSP=y
CONFIG_SND_CTXFI=m
CONFIG_SND_DARLA20=m
CONFIG_SND_GINA20=m
CONFIG_SND_LAYLA20=m
CONFIG_SND_DARLA24=m

```

CONFIG_SND_GINA24=m
 CONFIG_SND_LAYLA24=m
 CONFIG_SND_MONA=m
 CONFIG_SND_MIA=m
 CONFIG_SND_ECHO3G=m
 CONFIG_SND_INDIGO=m
 CONFIG_SND_INDIGOIO=m
 CONFIG_SND_INDIGODJ=m
 CONFIG_SND_INDIGOIOX=m
 CONFIG_SND_INDIGODJX=m
 CONFIG_SND_EMU10K1=m
 CONFIG_SND_EMU10K1_SEQ=m
 CONFIG_SND_EMU10K1X=m
 CONFIG_SND_ENS1370=m
 CONFIG_SND_ENS1371=m
 CONFIG_SND_ES1938=m
 CONFIG_SND_ES1968=m
 CONFIG_SND_ES1968_INPUT=y
 CONFIG_SND_ES1968_RADIO=y
 CONFIG_SND_FM801=m
 CONFIG_SND_FM801_TEA575X_BOOL=y
 CONFIG_SND_HDSP=m
 CONFIG_SND_HDSPM=m
 CONFIG_SND_ICE1712=m
 CONFIG_SND_ICE1724=m
 CONFIG_SND_INTEL8X0=m
 CONFIG_SND_INTEL8X0M=m

BKM

```

CONFIG_SND_KORG1212=m
CONFIG_SND_LOLA=m
CONFIG_SND_LX6464ES=m
CONFIG_SND_MAESTRO3=m
CONFIG_SND_MAESTRO3_INPUT=y
CONFIG_SND_MIXART=m
CONFIG_SND_NM256=m
CONFIG_SND_PCXHR=m
CONFIG_SND_RIPTIDE=m
CONFIG_SND_RME32=m
CONFIG_SND_RME96=m
CONFIG_SND_RME9652=m
CONFIG_SND_SONICVIBES=m
CONFIG_SND_TRIDENT=m
CONFIG_SND_VIA82XX=m
CONFIG_SND_VIA82XX_MODEM=m
CONFIG_SND_VIRTUOSO=m
CONFIG_SND_VX222=m
CONFIG_SND_YMFPCI=m

#
# HD-Audio
#
CONFIG_SND_HDA=m
CONFIG_SND_HDA_GENERIC_LEDS=y
CONFIG_SND_HDA_INTEL=m
CONFIG_SND_HDA_HWDEP=y

```

```

CONFIG_SND_HDA_RECONFIG=y

CONFIG_SND_HDA_INPUT_BEEP=y

CONFIG_SND_HDA_INPUT_BEEP_MODE=0

CONFIG_SND_HDA_PATCH_LOADER=y

CONFIG_SND_HDA_SCODEC_COMPONENT=m

# CONFIG_SND_HDA_SCODEC_CS35L41_I2C is not set

# CONFIG_SND_HDA_SCODEC_CS35L41_SPI is not set

# CONFIG_SND_HDA_SCODEC_CS35L56_I2C is not set

# CONFIG_SND_HDA_SCODEC_CS35L56_SPI is not set

# CONFIG_SND_HDA_SCODEC_TAS2781_I2C is not set

CONFIG_SND_HDA_CODEC_REALTEK=m

CONFIG_SND_HDA_CODEC_ANALOG=m

CONFIG_SND_HDA_CODEC_SIGMATEL=m

CONFIG_SND_HDA_CODEC_VIA=m

CONFIG_SND_HDA_CODEC_HDMI=m

CONFIG_SND_HDA_CODEC_CIRRUS=m

# CONFIG_SND_HDA_CODEC_CS8409 is not set

CONFIG_SND_HDA_CODEC_CONEXANT=m

CONFIG_SND_HDA_CODEC_CA0110=m

CONFIG_SND_HDA_CODEC_CA0132=m

CONFIG_SND_HDA_CODEC_CA0132_DSP=y

CONFIG_SND_HDA_CODEC_CMEDIA=m

CONFIG_SND_HDA_CODEC_SI3054=m

CONFIG_SND_HDA_GENERIC=m

CONFIG_SND_HDA_POWER_SAVE_DEFAULT=0

# CONFIG_SND_HDA_INTEL_HDMI_SILENT_STREAM is not set

# CONFIG_SND_HDA_CTL_DEV_ID is not set

```


BKM

end of HD-Audio

CONFIG_SND_HDA_CORE=m

CONFIG_SND_HDA_DSP_LOADER=y

CONFIG_SND_HDA_COMPONENT=y

CONFIG_SND_HDA_I915=y

CONFIG_SND_HDA_EXT_CORE=m

CONFIG_SND_HDA_PREALLOC_SIZE=0

CONFIG_SND_INTEL_NHLT=y

CONFIG_SND_INTEL_DSP_CONFIG=m

CONFIG_SND_INTEL_SOUNDWIRE_ACPI=m

CONFIG_SND_INTEL_BYT_PREFER_SOF is not set

CONFIG_SND_SPI=y

CONFIG_SND_USB=y

CONFIG_SND_USB_AUDIO=m

CONFIG_SND_USB_AUDIO_MIDI_V2 is not set

CONFIG_SND_USB_AUDIO_USE_MEDIA_CONTROLLER=y

CONFIG_SND_USB_UA101=m

CONFIG_SND_USB_USX2Y=m

CONFIG_SND_USB_CAIAQ=m

CONFIG_SND_USB_CAIAQ_INPUT=y

CONFIG_SND_USB_US122L=m

CONFIG_SND_USB_6FIRE=m

CONFIG_SND_USB_HIFACE=m

CONFIG_SND_BCD2000=m

CONFIG_SND_USB_LINE6=m

CONFIG_SND_USB_POD=m

CONFIG_SND_USB_PODHD=m
CONFIG_SND_USB_TONEPORT=m
CONFIG_SND_USB_VARIAX=m
CONFIG_SND_FIREWIRE=y
CONFIG_SND_FIREWIRE_LIB=m
CONFIG_SND_DICE=m
CONFIG_SND_OXFW=m
CONFIG_SND_ISIGHT=m
CONFIG_SND_FIREWORKS=m
CONFIG_SND_BEBOB=m
CONFIG_SND_FIREWIRE_DIGI00X=m
CONFIG_SND_FIREWIRE_TASCAM=m
CONFIG_SND_FIREWIRE_MOTU=m
CONFIG_SND_FIREFACE=m
CONFIG_SND_PCMCIA=y
CONFIG_SND_VXPOCKET=m
CONFIG_SND_PDAUDIOCF=m
CONFIG_SND_SOC=m
CONFIG_SND_SOC_AC97_BUS=y
CONFIG_SND_SOC_GENERIC_DMAENGINE_PCM=y
CONFIG_SND_SOC_COMPRESS=y
CONFIG_SND_SOC_TOPOLOGY=y
CONFIG_SND_SOC_ACPI=m
CONFIG_SND_SOC_ADI is not set
CONFIG_SND_SOC_AMD_ACP=m
CONFIG_SND_SOC_AMD_CZ_DA7219MX98357_MACH is not set
CONFIG_SND_SOC_AMD_CZ_RT5645_MACH=m

BKM

```
# CONFIG_SND_SOC_AMD_ST_ES8336_MACH is not set
# CONFIG_SND_SOC_AMD_ACP3x is not set
# CONFIG_SND_SOC_AMD_RENOIR is not set
# CONFIG_SND_SOC_AMD_ACP5x is not set
# CONFIG_SND_SOC_AMD_ACP6x is not set
# CONFIG_SND_AMD_ACP_CONFIG is not set
# CONFIG_SND_SOC_AMD_ACP_COMMON is not set
# CONFIG_SND_SOC_AMD_RPL_ACP6x is not set
# CONFIG_SND_SOC_AMD_PS is not set
CONFIG_SND_ATMEL_SOC=m
# CONFIG_SND_BCM63XX_I2S_WHISTLER is not set
CONFIG_SND_DESIGNWARE_I2S=m
CONFIG_SND_DESIGNWARE_PCM=y

#

# SoC Audio for Freescale CPUs

#

#

# Common SoC Audio options for Freescale CPUs:

#
CONFIG_SND_SOC_FSL_ASRC=m
CONFIG_SND_SOC_FSL_SAI=m
# CONFIG_SND_SOC_FSL_MQS is not set
# CONFIG_SND_SOC_FSL_AUDMIX is not set
CONFIG_SND_SOC_FSL_SSI=m
CONFIG_SND_SOC_FSL_SPDIF=m
```

```

CONFIG_SND_SOC_FSL_ESAI=m

# CONFIG_SND_SOC_FSL_MICFIL is not set

# CONFIG_SND_SOC_FSL_EASRC is not set

# CONFIG_SND_SOC_FSL_XCVR is not set

CONFIG_SND_SOC_FSL_UTILS=m

CONFIG_SND_SOC_IMX_AUDMUX=m

# end of SoC Audio for Freescale CPUs


# CONFIG_SND_SOC_CHV3_I2S is not set

CONFIG_SND_I2S_HI6210_I2S=m

CONFIG_SND_SOC_IMG=y

CONFIG_SND_SOC_IMG_I2S_IN=m

CONFIG_SND_SOC_IMG_I2S_OUT=m

CONFIG_SND_SOC_IMG_PARALLEL_OUT=m

CONFIG_SND_SOC_IMG_SPDIF_IN=m

CONFIG_SND_SOC_IMG_SPDIF_OUT=m

CONFIG_SND_SOC_IMG_PISTACHIO_INTERNAL_DAC=m

CONFIG_SND_SOC_INTEL_SST_TOPLEVEL=y

CONFIG_SND_SOC_INTEL_SST=m

# CONFIG_SND_SOC_INTEL_CATPT is not set

CONFIG_SND_SST_ATOM_HIFI2_PLATFORM=m

# CONFIG_SND_SST_ATOM_HIFI2_PLATFORM_PCI is not set

CONFIG_SND_SST_ATOM_HIFI2_PLATFORM_ACPI=m

CONFIG_SND_SOC_INTEL_SKYLAKE=m

CONFIG_SND_SOC_INTEL_SKL=m

CONFIG_SND_SOC_INTEL_APL=m

CONFIG_SND_SOC_INTEL_KBL=m

```

```

CONFIG_SND_SOC_INTEL_GLK=m

CONFIG_SND_SOC_INTEL_CNL=m

CONFIG_SND_SOC_INTEL_CFL=m

# CONFIG_SND_SOC_INTEL_CML_H is not set

# CONFIG_SND_SOC_INTEL_CML_LP is not set

CONFIG_SND_SOC_INTEL_SKYLAKE_FAMILY=m

# CONFIG_SND_SOC_INTEL_SKYLAKE_HDAUDIO_CODEC is not set

CONFIG_SND_SOC_INTEL_SKYLAKE_COMMON=m

CONFIG_SND_SOC_ACPI_INTEL_MATCH=m

# CONFIG_SND_SOC_INTEL_AVS is not set

CONFIG_SND_SOC_INTEL_MACH=y

CONFIG_SND_SOC_INTEL_USER_FRIENDLY_LONG_NAMES=y

CONFIG_SND_SOC_INTEL_HDA_DSP_COMMON=m

CONFIG_SND_SOC_INTEL_SOF_MAXIM_COMMON=m

CONFIG_SND_SOC_INTEL_SOF_BOARD_HELPERS=m

# CONFIG_SND_SOC_INTEL_BDW_RT5650_MACH is not set

CONFIG_SND_SOC_INTEL_BDW_RT5677_MACH=m

CONFIG_SND_SOC_INTEL_BROADWELL_MACH=m

CONFIG_SND_SOC_INTEL_BYTCR_RT5640_MACH=m

CONFIG_SND_SOC_INTEL_BYTCR_RT5651_MACH=m

# CONFIG_SND_SOC_INTEL_BYTCR_WM5102_MACH is not set

CONFIG_SND_SOC_INTEL_CHT_BSW_RT5672_MACH=m

CONFIG_SND_SOC_INTEL_CHT_BSW_RT5645_MACH=m

CONFIG_SND_SOC_INTEL_CHT_BSW_MAX98090_TI_MACH=m

CONFIG_SND_SOC_INTEL_CHT_BSW_NAU8824_MACH=m

# CONFIG_SND_SOC_INTEL_BYT_CHT_CX2072X_MACH is not set

CONFIG_SND_SOC_INTEL_BYT_CHT_DA7213_MACH=m

```

```

CONFIG_SND_SOC_INTEL_BYT_CHT_ES8316_MACH=m

# CONFIG_SND_SOC_INTEL_BYT_CHT_NOCODEC_MACH is not set

CONFIG_SND_SOC_INTEL_SKL_RT286_MACH=m

CONFIG_SND_SOC_INTEL_SKL_NAU88L25_SSM4567_MACH=m

CONFIG_SND_SOC_INTEL_SKL_NAU88L25_MAX98357A_MACH=m

CONFIG_SND_SOC_INTEL_DA7219_MAX98357A_GENERIC=m

CONFIG_SND_SOC_INTEL_BXT_DA7219_MAX98357A_COMMON=m

CONFIG_SND_SOC_INTEL_BXT_DA7219_MAX98357A_MACH=m

# CONFIG_SND_SOC_INTEL_BXT_RT298_MACH is not set

# CONFIG_SND_SOC_INTEL_SOF_WM8804_MACH is not set

# CONFIG_SND_SOC_INTEL_KBL_RT5663_MAX98927_MACH is not set

# CONFIG_SND_SOC_INTEL_KBL_RT5663_RT5514_MAX98927_MACH is not set

# CONFIG_SND_SOC_INTEL_KBL_DA7219_MAX98357A_MACH is not set

# CONFIG_SND_SOC_INTEL_KBL_DA7219_MAX98927_MACH is not set

# CONFIG_SND_SOC_INTEL_KBL_RT5660_MACH is not set

# CONFIG_SND_SOC_INTEL_GLK_DA7219_MAX98357A_MACH is not set

# CONFIG_SND_SOC_INTEL_GLK_RT5682_MAX98357A_MACH is not set

CONFIG_SND_SOC_INTEL_SKL_HDA_DSP_GENERIC_MACH=m

# CONFIG_SND_SOC_INTEL_SOF_RT5682_MACH is not set

# CONFIG_SND_SOC_INTEL_SOF_CS42L42_MACH is not set

# CONFIG_SND_SOC_INTEL_SOF_PCM512x_MACH is not set

# CONFIG_SND_SOC_INTEL_SOF_ES8336_MACH is not set

# CONFIG_SND_SOC_INTEL_SOF_NAU8825_MACH is not set

# CONFIG_SND_SOC_INTEL_CML_LP_DA7219_MAX98357A_MACH is not set

# CONFIG_SND_SOC_INTEL_SOF_CML_RT1011_RT5682_MACH is not set

# CONFIG_SND_SOC_INTEL_SOF_DA7219_MACH is not set

# CONFIG_SND_SOC_INTEL_SOF_SSP_AMP_MACH is not set

```

```

CONFIG_SND_SOC_INTEL_EHL_RT5660_MACH=m

CONFIG_SND_SOC_INTEL_SOUNDWIRE_SOF_MACH=m

# CONFIG_SND_SOC_MTK_BTCVSD is not set

CONFIG_SND_SOC_SOF_TOPLEVEL=y

CONFIG_SND_SOC_SOF_PCI_DEV=m

CONFIG_SND_SOC_SOF_PCI=m

CONFIG_SND_SOC_SOF_ACPI=m

CONFIG_SND_SOC_SOF_ACPI_DEV=m

CONFIG_SND_SOC_SOF_DEBUG_PROBES=m

CONFIG_SND_SOC_SOF_CLIENT=m

CONFIG_SND_SOC_SOF_DEVELOPER_SUPPORT=y

# CONFIG_SND_SOC_SOF_FORCE_PROBE_WORKQUEUE is not set

# CONFIG_SND_SOC_SOF_NOCODEC_SUPPORT is not set

# CONFIG_SND_SOC_SOF_STRICT_ABI_CHECKS is not set

# CONFIG_SND_SOC_SOF_ALLOW_FALLBACK_TO_NEWER_IPC_VERSION is not set

CONFIG_SND_SOC_SOF_DEBUG=y

# CONFIG_SND_SOC_SOF_NOCODEC_DEBUG_SUPPORT is not set

# CONFIG_SND_SOC_SOF_DEBUG_XRUN_STOP is not set

CONFIG_SND_SOC_SOF_DEBUG_VERBOSE_IPC=y

# CONFIG_SND_SOC_SOF_DEBUG_FORCE_IPC_POSITION is not set

CONFIG_SND_SOC_SOF_DEBUG_ENABLE_DEBUGFS_CACHE=y

CONFIG_SND_SOC_SOF_DEBUG_ENABLE_FIRMWARE_TRACE=y

# CONFIG_SND_SOC_SOF_DEBUG_IPC_FLOOD_TEST is not set

# CONFIG_SND_SOC_SOF_DEBUG_IPC_MSG_INJECTOR is not set

# CONFIG_SND_SOC_SOF_DEBUG_IPC_KERNEL_INJECTOR is not set

# CONFIG_SND_SOC_SOF_DEBUG_RETAIN_DSP_CONTEXT is not set

CONFIG_SND_SOC_SOF=m

```

```

CONFIG_SND_SOC_SOF_PROBE_WORK_QUEUE=y

CONFIG_SND_SOC_SOF_IPC3=y

CONFIG_SND_SOC_SOF_IPC4=y

# CONFIG_SND_SOC_SOF_AMD_TOPLEVEL is not set

CONFIG_SND_SOC_SOF_INTEL_TOPLEVEL=y

CONFIG_SND_SOC_SOF_INTEL_HIFI_EP_IPC=m

CONFIG_SND_SOC_SOF_INTEL_ATOM_HIFI_EP=m

CONFIG_SND_SOC_SOF_INTEL_COMMON=m

CONFIG_SND_SOC_SOF_BAYTRAIL=m

CONFIG_SND_SOC_SOF_BROADWELL=m

CONFIG_SND_SOC_SOF_MERRIFIELD=m

CONFIG_SND_SOC_SOF_INTEL_SKL=m

CONFIG_SND_SOC_SOF_SKYLAKE=m

CONFIG_SND_SOC_SOF_KABYLAKE=m

CONFIG_SND_SOC_SOF_INTEL_APL=m

CONFIG_SND_SOC_SOF_APOLLOLAKE=m

CONFIG_SND_SOC_SOF_GEMINILAKE=m

CONFIG_SND_SOC_SOF_INTEL_CNL=m

CONFIG_SND_SOC_SOF_CANNONLAKE=m

CONFIG_SND_SOC_SOF_COFFEELAKE=m

CONFIG_SND_SOC_SOF_COMETLAKE=m

CONFIG_SND_SOC_SOF_INTEL_ICL=m

CONFIG_SND_SOC_SOF_ICELAKE=m

CONFIG_SND_SOC_SOF_JASPERLAKE=m

CONFIG_SND_SOC_SOF_INTEL_TGL=m

CONFIG_SND_SOC_SOF_TIGERLAKE=m

CONFIG_SND_SOC_SOF_ELKHARTLAKE=m

```


BKM

```

CONFIG_SND_SOC_SOF_ALDERLAKE=m
CONFIG_SND_SOC_SOF_INTEL_MTL=m
CONFIG_SND_SOC_SOF_METEORLAKE=m
CONFIG_SND_SOC_SOF_INTEL_LNL=m
CONFIG_SND_SOC_SOF_LUNARLAKE=m
CONFIG_SND_SOC_SOF_HDA_COMMON=m
CONFIG_SND_SOC_SOF_HDA_MLINK=m
CONFIG_SND_SOC_SOF_HDA_LINK=y
CONFIG_SND_SOC_SOF_HDA_AUDIO_CODEC=y
CONFIG_SND_SOC_SOF_HDA_LINK_BASELINE=m
CONFIG_SND_SOC_SOF_HDA=m
CONFIG_SND_SOC_SOF_HDA_PROBES=m
CONFIG_SND_SOC_SOF_INTEL_SOUNDWIRE_LINK_BASELINE=m
CONFIG_SND_SOC_SOF_INTEL_SOUNDWIRE=m
CONFIG_SND_SOC_SOF_XTENZA=m

#

# STMicroelectronics STM32 SOC audio support
#

# end of STMicroelectronics STM32 SOC audio support

# CONFIG_SND_SOC_XILINX_I2S is not set
# CONFIG_SND_SOC_XILINX_AUDIO_FORMATTER is not set
# CONFIG_SND_SOC_XILINX_SPDIF is not set
CONFIG_SND_SOC_XTFPGA_I2S=m
CONFIG_SND_SOC_I2C_AND_SPI=m

```

```
#  
# CODEC drivers  
#  
CONFIG_SND_SOC_WM_ADSP=m  
CONFIG_SND_SOC_AC97_CODEC=m  
CONFIG_SND_SOC_ADAU_UTILS=m  
# CONFIG_SND_SOC_ADAU1372_I2C is not set  
# CONFIG_SND_SOC_ADAU1372_SPI is not set  
CONFIG_SND_SOC_ADAU1701=m  
CONFIG_SND_SOC_ADAU17X1=m  
CONFIG_SND_SOC_ADAU1761=m  
CONFIG_SND_SOC_ADAU1761_I2C=m  
CONFIG_SND_SOC_ADAU1761_SPI=m  
CONFIG_SND_SOC_ADAU7002=m  
# CONFIG_SND_SOC_ADAU7118_HW is not set  
# CONFIG_SND_SOC_ADAU7118_I2C is not set  
CONFIG_SND_SOC_AK4104=m  
# CONFIG_SND_SOC_AK4118 is not set  
# CONFIG_SND_SOC_AK4375 is not set  
# CONFIG_SND_SOC_AK4458 is not set  
CONFIG_SND_SOC_AK4554=m  
CONFIG_SND_SOC_AK4613=m  
CONFIG_SND_SOC_AK4642=m  
CONFIG_SND_SOC_AK5386=m  
# CONFIG_SND_SOC_AK5558 is not set  
CONFIG_SND_SOC_ALC5623=m  
# CONFIG_SND_SOC_AUDIO_IIO_AUX is not set
```

BKM

```
# CONFIG_SND_SOC_AW8738 is not set
# CONFIG_SND_SOC_AW88395 is not set
# CONFIG_SND_SOC_AW88261 is not set
# CONFIG_SND_SOC_AW87390 is not set
# CONFIG_SND_SOC_AW88399 is not set
# CONFIG_SND_SOC_BD28623 is not set
CONFIG_SND_SOC_BT_SCO=m
# CONFIG_SND_SOC_CHV3_CODEC is not set
# CONFIG_SND_SOC_CROS_EC_CODEC is not set
CONFIG_SND_SOC_CS_AMP_LIB=m
CONFIG_SND_SOC_CS35L32=m
CONFIG_SND_SOC_CS35L33=m
CONFIG_SND_SOC_CS35L34=m
CONFIG_SND_SOC_CS35L35=m
# CONFIG_SND_SOC_CS35L36 is not set
# CONFIG_SND_SOC_CS35L41_SPI is not set
# CONFIG_SND_SOC_CS35L41_I2C is not set
# CONFIG_SND_SOC_CS35L45_SPI is not set
# CONFIG_SND_SOC_CS35L45_I2C is not set
CONFIG_SND_SOC_CS35L56=m
CONFIG_SND_SOC_CS35L56_SHARED=m
# CONFIG_SND_SOC_CS35L56_I2C is not set
# CONFIG_SND_SOC_CS35L56_SPI is not set
CONFIG_SND_SOC_CS35L56_SDW=m
CONFIG_SND_SOC_CS42L42_CORE=m
CONFIG_SND_SOC_CS42L42=m
CONFIG_SND_SOC_CS42L42_SDW=m
```

```

CONFIG_SND_SOC_CS42L43=m
CONFIG_SND_SOC_CS42L43_SDW=m
CONFIG_SND_SOC_CS42L51=m
CONFIG_SND_SOC_CS42L51_I2C=m
CONFIG_SND_SOC_CS42L52=m
CONFIG_SND_SOC_CS42L56=m
CONFIG_SND_SOC_CS42L73=m
# CONFIG_SND_SOC_CS42L83 is not set
# CONFIG_SND_SOC_CS4234 is not set
CONFIG_SND_SOC_CS4265=m
CONFIG_SND_SOC_CS4270=m
CONFIG_SND_SOC_CS4271=m
CONFIG_SND_SOC_CS4271_I2C=m
CONFIG_SND_SOC_CS4271_SPI=m
CONFIG_SND_SOC_CS42XX8=m
CONFIG_SND_SOC_CS42XX8_I2C=m
CONFIG_SND_SOC_CS43130=m
# CONFIG_SND_SOC_CS4341 is not set
CONFIG_SND_SOC_CS4349=m
CONFIG_SND_SOC_CS53L30=m
# CONFIG_SND_SOC_CX2072X is not set
CONFIG_SND_SOC_DA7213=m
CONFIG_SND_SOC_DA7219=m
CONFIG_SND_SOC_DMIC=m
CONFIG_SND_SOC_HDMI_CODEC=m
CONFIG_SND_SOC_ES7134=m
# CONFIG_SND_SOC_ES7241 is not set

```

BKM

```

CONFIG_SND_SOC_ES83XX_DSM_COMMON=m
CONFIG_SND_SOC_ES8316=m
# CONFIG_SND_SOC_ES8326 is not set
CONFIG_SND_SOC_ES8328=m
CONFIG_SND_SOC_ES8328_I2C=m
CONFIG_SND_SOC_ES8328_SPI=m
CONFIG_SND_SOC_GTM601=m
CONFIG_SND_SOC_HDAC_HDMI=m
CONFIG_SND_SOC_HDAC_HDA=m
# CONFIG_SND_SOC_HDA is not set
# CONFIG_SND_SOC_ICS43432 is not set
# CONFIG_SND_SOC_IDT821034 is not set
CONFIG_SND_SOC_INNO_RK3036=m
# CONFIG_SND_SOC_MAX98088 is not set
CONFIG_SND_SOC_MAX98090=m
CONFIG_SND_SOC_MAX98357A=m
CONFIG_SND_SOC_MAX98504=m
# CONFIG_SND_SOC_MAX9867 is not set
CONFIG_SND_SOC_MAX98927=m
# CONFIG_SND_SOC_MAX98520 is not set
CONFIG_SND_SOC_MAX98363=m
CONFIG_SND_SOC_MAX98373=m
CONFIG_SND_SOC_MAX98373_I2C=m
CONFIG_SND_SOC_MAX98373_SDW=m
# CONFIG_SND_SOC_MAX98388 is not set
CONFIG_SND_SOC_MAX98390=m
# CONFIG_SND_SOC_MAX98396 is not set

```

```

CONFIG_SND_SOC_MAX9860=m

CONFIG_SND_SOC_MSM8916_WCD_ANALOG=m

CONFIG_SND_SOC_MSM8916_WCD_DIGITAL=m

CONFIG_SND_SOC_PCM1681=m

# CONFIG_SND_SOC_PCM1789_I2C is not set

CONFIG_SND_SOC_PCM179X=m

CONFIG_SND_SOC_PCM179X_I2C=m

CONFIG_SND_SOC_PCM179X_SPI=m

CONFIG_SND_SOC_PCM186X=m

CONFIG_SND_SOC_PCM186X_I2C=m

CONFIG_SND_SOC_PCM186X_SPI=m

# CONFIG_SND_SOC_PCM3060_I2C is not set

# CONFIG_SND_SOC_PCM3060_SPI is not set

CONFIG_SND_SOC_PCM3168A=m

CONFIG_SND_SOC_PCM3168A_I2C=m

CONFIG_SND_SOC_PCM3168A_SPI=m

# CONFIG_SND_SOC_PCM5102A is not set

CONFIG_SND_SOC_PCM512x=m

CONFIG_SND_SOC_PCM512x_I2C=m

CONFIG_SND_SOC_PCM512x_SPI=m

# CONFIG_SND_SOC_PEB2466 is not set

# CONFIG_SND_SOC_RK3328 is not set

CONFIG_SND_SOC_RL6231=m

CONFIG_SND_SOC_RL6347A=m

CONFIG_SND_SOC_RT286=m

# CONFIG_SND_SOC_RT1017_SDCA_SDW is not set

CONFIG_SND_SOC_RT1308=m

```

BKM

```

CONFIG_SND_SOC_RT1308_SDW=m
CONFIG_SND_SOC_RT1316_SDW=m
CONFIG_SND_SOC_RT1318_SDW=m
CONFIG_SND_SOC_RT5616=m
CONFIG_SND_SOC_RT5631=m
CONFIG_SND_SOC_RT5640=m
CONFIG_SND_SOC_RT5645=m
CONFIG_SND_SOC_RT5651=m
# CONFIG_SND_SOC_RT5659 is not set
CONFIG_SND_SOC_RT5660=m
CONFIG_SND_SOC_RT5670=m
CONFIG_SND_SOC_RT5677=m
CONFIG_SND_SOC_RT5677_SPI=m
CONFIG_SND_SOC_RT5682=m
CONFIG_SND_SOC_RT5682_SDW=m
CONFIG_SND_SOC_RT700=m
CONFIG_SND_SOC_RT700_SDW=m
CONFIG_SND_SOC_RT711=m
CONFIG_SND_SOC_RT711_SDW=m
CONFIG_SND_SOC_RT711_SDCA_SDW=m
CONFIG_SND_SOC_RT712_SDCA_SDW=m
CONFIG_SND_SOC_RT712_SDCA_DMIC_SDW=m
CONFIG_SND_SOC_RT722_SDCA_SDW=m
CONFIG_SND_SOC_RT715=m
CONFIG_SND_SOC_RT715_SDW=m
CONFIG_SND_SOC_RT715_SDCA_SDW=m
# CONFIG_SND_SOC_RT9120 is not set

```

```
# CONFIG_SND_SOC_RTQ9128 is not set

CONFIG_SND_SOC_SDW MOCKUP=m

CONFIG_SND_SOC_SGTL5000=m

CONFIG_SND_SOC_SI476X=m

CONFIG_SND_SOC_SIGMADSP=m

CONFIG_SND_SOC_SIGMADSP_I2C=m

CONFIG_SND_SOC_SIGMADSP_REGMAP=m

# CONFIG_SND_SOC_SIMPLE_AMPLIFIER is not set

# CONFIG_SND_SOC_SIMPLE_MUX is not set

# CONFIG_SND_SOC_SMA1303 is not set

CONFIG_SND_SOC_SPDIF=m

# CONFIG_SND_SOC_SRC4XXX_I2C is not set

# CONFIG_SND_SOC_SSM2305 is not set

# CONFIG_SND_SOC_SSM2518 is not set

CONFIG_SND_SOC_SSM2602=m

CONFIG_SND_SOC_SSM2602_SPI=m

CONFIG_SND_SOC_SSM2602_I2C=m

CONFIG_SND_SOC_SSM4567=m

CONFIG_SND_SOC_STA32X=m

CONFIG_SND_SOC_STA350=m

CONFIG_SND_SOC_STI_SAS=m

CONFIG_SND_SOC_TAS2552=m

# CONFIG_SND_SOC_TAS2562 is not set

# CONFIG_SND_SOC_TAS2764 is not set

# CONFIG_SND_SOC_TAS2770 is not set

# CONFIG_SND_SOC_TAS2780 is not set

# CONFIG_SND_SOC_TAS2781_I2C is not set
```


BKM

```

CONFIG_SND_SOC_TAS5086=m
CONFIG_SND_SOC_TAS571X=m
CONFIG_SND_SOC_TAS5720=m
# CONFIG_SND_SOC_TAS5805M is not set
CONFIG_SND_SOC_TAS6424=m
# CONFIG_SND_SOC_TDA7419 is not set
CONFIG_SND_SOC_TFA9879=m
# CONFIG_SND_SOC_TFA989X is not set
# CONFIG_SND_SOC_TLV320ADC3XXX is not set
CONFIG_SND_SOC_TLV320AIC23=m
CONFIG_SND_SOC_TLV320AIC23_I2C=m
CONFIG_SND_SOC_TLV320AIC23_SPI=m
CONFIG_SND_SOC_TLV320AIC31XX=m
CONFIG_SND_SOC_TLV320AIC32X4=m
CONFIG_SND_SOC_TLV320AIC32X4_I2C=m
CONFIG_SND_SOC_TLV320AIC32X4_SPI=m
# CONFIG_SND_SOC_TLV320AIC3X_I2C is not set
# CONFIG_SND_SOC_TLV320AIC3X_SPI is not set
# CONFIG_SND_SOC_TLV320ADCX140 is not set
CONFIG_SND_SOC_TS3A227E=m
CONFIG_SND_SOC_TSCS42XX=m
# CONFIG_SND_SOC_TSCS454 is not set
# CONFIG_SND_SOC_UDA1334 is not set
# CONFIG_SND_SOC_WCD9335 is not set
# CONFIG_SND_SOC_WCD934X is not set
# CONFIG_SND_SOC_WCD938X_SDW is not set
# CONFIG_SND_SOC_WCD939X_SDW is not set

```

```

CONFIG_SND_SOC_WM8510=m
CONFIG_SND_SOC_WM8523=m
CONFIG_SND_SOC_WM8524=m
CONFIG_SND_SOC_WM8580=m
CONFIG_SND_SOC_WM8711=m
CONFIG_SND_SOC_WM8728=m
# CONFIG_SND_SOC_WM8731_I2C is not set
# CONFIG_SND_SOC_WM8731_SPI is not set
CONFIG_SND_SOC_WM8737=m
CONFIG_SND_SOC_WM8741=m
CONFIG_SND_SOC_WM8750=m
CONFIG_SND_SOC_WM8753=m
CONFIG_SND_SOC_WM8770=m
CONFIG_SND_SOC_WM8776=m
# CONFIG_SND_SOC_WM8782 is not set
CONFIG_SND_SOC_WM8804=m
CONFIG_SND_SOC_WM8804_I2C=m
CONFIG_SND_SOC_WM8804_SPI=m
CONFIG_SND_SOC_WM8903=m
# CONFIG_SND_SOC_WM8904 is not set
# CONFIG_SND_SOC_WM8940 is not set
CONFIG_SND_SOC_WM8960=m
# CONFIG_SND_SOC_WM8961 is not set
CONFIG_SND_SOC_WM8962=m
CONFIG_SND_SOC_WM8974=m
CONFIG_SND_SOC_WM8978=m
CONFIG_SND_SOC_WM8985=m

```

BKM

```
# CONFIG_SND_SOC_WSA881X is not set
# CONFIG_SND_SOC_WSA883X is not set
# CONFIG_SND_SOC_WSA884X is not set
# CONFIG_SND_SOC_ZL38060 is not set
# CONFIG_SND_SOC_MAX9759 is not set
# CONFIG_SND_SOC_MT6351 is not set
# CONFIG_SND_SOC_MT6358 is not set
# CONFIG_SND_SOC_MT6660 is not set
# CONFIG_SND_SOC_NAU8315 is not set
CONFIG_SND_SOC_NAU8540=m
CONFIG_SND_SOC_NAU8810=m
# CONFIG_SND_SOC_NAU8821 is not set
# CONFIG_SND_SOC_NAU8822 is not set
CONFIG_SND_SOC_NAU8824=m
CONFIG_SND_SOC_NAU8825=m
CONFIG_SND_SOC_TPA6130A2=m
# CONFIG_SND_SOC_LPASS_WSA_MACRO is not set
# CONFIG_SND_SOC_LPASS_VA_MACRO is not set
# CONFIG_SND_SOC_LPASS_RX_MACRO is not set
# CONFIG_SND_SOC_LPASS_TX_MACRO is not set
# end of CODEC drivers

CONFIG_SND_SIMPLE_CARD_UTILS=m
CONFIG_SND_SIMPLE_CARD=m
CONFIG_SND_X86=y
CONFIG_HDMI_LPE_AUDIO=m
CONFIG_SND_SYNTH_EMUX=m
```

```
# CONFIG_SND_XEN_FRONTEND is not set

# CONFIG_SND_VIRTIO is not set

CONFIG_AC97_BUS=m

CONFIG_HID_SUPPORT=y

CONFIG_HID=m

CONFIG_HID_BATTERY_STRENGTH=y

CONFIG_HIDRAW=y

CONFIG_UHID=m

CONFIG_HID_GENERIC=m


#

# Special HID drivers

#

CONFIG_HID_A4TECH=m

CONFIG_HID_ACCUTOUCH=m

CONFIG_HID_ACRUX=m

CONFIG_HID_ACRUX_FF=y

CONFIG_HID_APPLE=m

CONFIG_HID_APPLEIR=m

CONFIG_HID_ASUS=m

CONFIG_HID_AUREAL=m

CONFIG_HID_BELKIN=m

CONFIG_HID_BETOP_FF=m

CONFIG_HID_BIGBEN_FF=m

CONFIG_HID_CHERRY=m

CONFIG_HID_CHICONY=m

CONFIG_HID_CORSAIR=m
```

BKM

CONFIG_HID_COUGAR=m
CONFIG_HID_MACALLY=m
CONFIG_HID_PRODIKEYS=m
CONFIG_HID_CMEDIA=m
CONFIG_HID_CP2112=m
CONFIG_HID_CREATIVE_SB0540=m
CONFIG_HID_CYPRESS=m
CONFIG_HID_DRAGONRISE=m
CONFIG_DRAGONRISE_FF=y
CONFIG_HID_EMS_FF=m
CONFIG_HID_ELAN=m
CONFIG_HID_ELECOM=m
CONFIG_HID_ELO=m
CONFIG_HID_EVISION is not set
CONFIG_HID_EZKEY=m
CONFIG_HID_FT260 is not set
CONFIG_HID_GEMBIRD=m
CONFIG_HID_GFRM=m
CONFIG_HID_GLORIOUS=m
CONFIG_HID_HOLTEK=m
CONFIG_HOLTEK_FF=y
CONFIG_HID_VIVALDI_COMMON=m
CONFIG_HID_GOOGLE_HAMMER=m
CONFIG_HID_GOOGLE_STADIA_FF is not set
CONFIG_HID_VIVALDI=m
CONFIG_HID_GT683R=m
CONFIG_HID_KEYTOUCH=m

```

CONFIG_HID_KYE=m
CONFIG_HID_UCLOGIC=m
CONFIG_HID_WALTOP=m
CONFIG_HID_VIEWSONIC=m
# CONFIG_HID_VRC2 is not set
# CONFIG_HID_XIAOMI is not set
CONFIG_HID_GYRATION=m
CONFIG_HID_ICADE=m
CONFIG_HID_ITE=m
CONFIG_HID_JABRA=m
CONFIG_HID_TWINHAN=m
CONFIG_HID_KENSINGTON=m
CONFIG_HID_LCPOWER=m
CONFIG_HID_LED=m
CONFIG_HID_LENOVO=m
# CONFIG_HID_LETSKETCH is not set
CONFIG_HID_LOGITECH=m
CONFIG_HID_LOGITECH_DJ=m
CONFIG_HID_LOGITECH_HIDPP=m
CONFIG_LOGITECH_FF=y
CONFIG_LOGIRUMBLEPAD2_FF=y
CONFIG_LOGIG940_FF=y
CONFIG_LOGIWHEELS_FF=y
CONFIG_HID_MAGICMOUSE=m
CONFIG_HID_MALTRON=m
CONFIG_HID_MAYFLASH=m
# CONFIG_HID_MEGAWORLD_FF is not set

```

BKM

```

CONFIG_HID_REDAGON=m
CONFIG_HID_MICROSOFT=m
CONFIG_HID_MONTEREY=m
CONFIG_HID_MULTITOUCH=m
# CONFIG_HID_NINTENDO is not set
CONFIG_HID_NTI=m
CONFIG_HID_NTRIG=m
# CONFIG_HID_NVIDIA_SHIELD is not set
CONFIG_HID_ORTEK=m
CONFIG_HID_PANTHERLORD=m
CONFIG_PANTHERLORD_FF=y
CONFIG_HID_PENMOUNT=m
CONFIG_HID_PETALYNX=m
CONFIG_HID_PICOLCD=m
CONFIG_HID_PICOLCD_FB=y
CONFIG_HID_PICOLCD_BACKLIGHT=y
CONFIG_HID_PICOLCD_LCD=y
CONFIG_HID_PICOLCD_LEDS=y
CONFIG_HID_PICOLCD_CIR=y
CONFIG_HID_PLANTRONICS=m
CONFIG_HID_PLAYSTATION=m
CONFIG_PLAYSTATION_FF=y
# CONFIG_HID_PXRC is not set
# CONFIG_HID_RAZER is not set
CONFIG_HID_PRIMAX=m
CONFIG_HID_RETRODE=m
CONFIG_HID_ROCCAT=m

```

```
CONFIG_HID_SAITEK=m
CONFIG_HID_SAMSUNG=m
# CONFIG_HID_SEMITEK is not set
# CONFIG_HID_SIGMAMICRO is not set
CONFIG_HID_SONY=m
CONFIG_SONY_FF=y
CONFIG_HID_SPEEDLINK=m
CONFIG_HID_STEAM=m
# CONFIG_STEAM_FF is not set
CONFIG_HID_STEELSERIES=m
CONFIG_HID_SUNPLUS=m
CONFIG_HID_RMI=m
CONFIG_HID_GREENASIA=m
CONFIG_GREENASIA_FF=y
CONFIG_HID_HYPERV_MOUSE=m
CONFIG_HID_SMARTJOYPLUS=m
CONFIG_SMARTJOYPLUS_FF=y
CONFIG_HID_TIVO=m
CONFIG_HID_TOPSEED=m
# CONFIG_HID_TOPRE is not set
CONFIG_HID_THINGM=m
CONFIG_HID_THRUSTMASTER=m
CONFIG_THRUSTMASTER_FF=y
CONFIG_HID_UDRAW_PS3=m
CONFIG_HID_U2FZERO=m
CONFIG_HID_WACOM=m
CONFIG_HID_WIIMOTE=m
```


BKM

```
CONFIG_HID_XINMO=m
CONFIG_HID_ZEROPLUS=m
CONFIG_ZEROPLUS_FF=y
CONFIG_HID_ZYDACRON=m
CONFIG_HID_SENSOR_HUB=m
CONFIG_HID_SENSOR_CUSTOM_SENSOR=m
CONFIG_HID_ALPS=m
# CONFIG_HID_MCP2200 is not set
CONFIG_HID_MCP2221=m
# end of Special HID drivers

#
# HID-BPF support
#
# CONFIG_HID_BPF is not set
# end of HID-BPF support

#
# USB HID support
#
CONFIG_USB_HID=m
CONFIG_HID_PID=y
CONFIG_USB_HIDDEV=y

#
# USB HID Boot Protocol drivers
#
```

```

CONFIG_USB_KBD=m

CONFIG_USB_MOUSE=m

# end of USB HID Boot Protocol drivers

# end of USB HID support


CONFIG_I2C_HID=m

CONFIG_I2C_HID_ACPI=m

# CONFIG_I2C_HID_OF is not set

CONFIG_I2C_HID_CORE=m


#

# Intel ISH HID support

#

CONFIG_INTEL_ISH_HID=m

CONFIG_INTEL_ISH_FIRMWARE_DOWNLOADER=m

# end of Intel ISH HID support


#

# AMD SFH HID Support

#

CONFIG_AMD_SFH_HID=m

# end of AMD SFH HID Support


#

# Surface System Aggregator Module HID support

#

# CONFIG_SURFACE_KBD is not set

```

BKM

end of Surface System Aggregator Module HID support

CONFIG_USB_OHCI_LITTLE_ENDIAN=y

CONFIG_USB_SUPPORT=y

CONFIG_USB_COMMON=y

CONFIG_USB_LED_TRIG=y

CONFIG_USB_ULPI_BUS=m

CONFIG_USB_CONN_GPIO=m

CONFIG_USB_ARCH_HAS_HCD=y

CONFIG_USB=y

CONFIG_USB_PCI=y

CONFIG_USB_PCI_AMD=y

CONFIG_USB_ANNOUNCE_NEW_DEVICES=y

#

Miscellaneous USB options

#

CONFIG_USB_DEFAULT_PERSIST=y

CONFIG_USB_FEW_INIT_RETRIES is not set

CONFIG_USB_DYNAMIC_MINORS=y

CONFIG_USB_OTG is not set

CONFIG_USB_OTG_PRODUCTLIST is not set

CONFIG_USB_OTG_DISABLE_EXTERNAL_HUB is not set

CONFIG_USB_LEDS_TRIGGER_USBPORT=m

CONFIG_USB_AUTOSUSPEND_DELAY=2

CONFIG_USB_DEFAULT_AUTHORIZATION_MODE=1

CONFIG_USB_MON=m

```
#  
  
# USB Host Controller Drivers  
  
#  
  
CONFIG_USB_C67X00_HCD=m  
  
CONFIG_USB_XHCI_HCD=y  
  
CONFIG_USB_XHCI_DBGCAP=y  
  
CONFIG_USB_XHCI_PCI=m  
  
CONFIG_USB_XHCI_PCI_RENESAS=m  
  
CONFIG_USB_XHCI_PLATFORM=m  
  
CONFIG_USB_EHCI_HCD=y  
  
CONFIG_USB_EHCI_ROOT_HUB_TT=y  
  
CONFIG_USB_EHCI_TT_NEWSCHED=y  
  
CONFIG_USB_EHCI_PCI=y  
  
CONFIG_USB_EHCI_FSL=m  
  
CONFIG_USB_EHCI_HCD_PLATFORM=y  
  
CONFIG_USB_OXU210HP_HCD=m  
  
CONFIG_USB_ISP116X_HCD=m  
  
CONFIG_USB_MAX3421_HCD=m  
  
CONFIG_USB_OHCI_HCD=y  
  
CONFIG_USB_OHCI_HCD_PCI=y  
  
CONFIG_USB_OHCI_HCD_PLATFORM=y  
  
CONFIG_USB_UHCI_HCD=y  
  
CONFIG_USB_SL811_HCD=m  
  
CONFIG_USB_SL811_HCD_ISO=y  
  
CONFIG_USB_SL811_CS=m  
  
CONFIG_USB_R8A66597_HCD=m
```

BKM

```

CONFIG_USB_HCD_BCMA=m

CONFIG_USB_HCD_SSB=m

# CONFIG_USB_HCD_TEST_MODE is not set

# CONFIG_USB_XEN_HCD is not set


#

# USB Device Class drivers

#

CONFIG_USB_ACM=m

CONFIG_USB_PRINTER=m

CONFIG_USB_WDM=m

CONFIG_USB_TMC=m


#

# NOTE: USB_STORAGE depends on SCSI but BLK_DEV_SD may

#


#

# also be needed; see USB_STORAGE Help for more info

#

CONFIG_USB_STORAGE=m

# CONFIG_USB_STORAGE_DEBUG is not set

CONFIG_USB_STORAGE_REALTEK=m

CONFIG_REALTEK_AUTOPM=y

CONFIG_USB_STORAGE_DATAFAB=m

CONFIG_USB_STORAGE_FREECOM=m

CONFIG_USB_STORAGE_ISD200=m

```

```
CONFIG_USB_STORAGE_USBAT=m
CONFIG_USB_STORAGE_SDDR09=m
CONFIG_USB_STORAGE_SDDR55=m
CONFIG_USB_STORAGE_JUMPSHOT=m
CONFIG_USB_STORAGE_ALAUDA=m
CONFIG_USB_STORAGE_ONETOUCH=m
CONFIG_USB_STORAGE_KARMA=m
CONFIG_USB_STORAGE_CYPRESS_ATACB=m
CONFIG_USB_STORAGE_ENE_UB6250=m
CONFIG_USB_UAS=m
```

```
#
```

```
# USB Imaging devices
```

```
#
```

```
CONFIG_USB_MDC800=m
```

```
CONFIG_USB_MICROTEK=m
```

```
CONFIG_USBIP_CORE=m
```

```
CONFIG_USBIP_VHCI_HCD=m
```

```
CONFIG_USBIP_VHCI_HC_PORTS=8
```

```
CONFIG_USBIP_VHCI_NR_HCS=1
```

```
CONFIG_USBIP_HOST=m
```

```
CONFIG_USBIP_VUDC=m
```

```
# CONFIG_USBIP_DEBUG is not set
```

```
#
```

```
# USB dual-mode controller drivers
```

```
#
```

BKM

```

CONFIG_USB_CDNS_SUPPORT=m
CONFIG_USB_CDNS_HOST=y
CONFIG_USB_CDNS3=m
CONFIG_USB_CDNS3_GADGET=y
CONFIG_USB_CDNS3_HOST=y
CONFIG_USB_CDNS3_PCI_WRAP=m
CONFIG_USB_CDNSP_PCI=m
CONFIG_USB_CDNSP_GADGET=y
CONFIG_USB_CDNSP_HOST=y
CONFIG_USB_MUSB_HDRC=m
# CONFIG_USB_MUSB_HOST is not set
# CONFIG_USB_MUSB_GADGET is not set
CONFIG_USB_MUSB_DUAL_ROLE=y

#
# Platform Glue Layer
#

#
# MUSB DMA mode
#
CONFIG_MUSB_PIO_ONLY=y
CONFIG_USB_DWC3=m
CONFIG_USB_DWC3_ULPI=y
# CONFIG_USB_DWC3_HOST is not set
# CONFIG_USB_DWC3_GADGET is not set
CONFIG_USB_DWC3_DUAL_ROLE=y

```

```
#  
  
# Platform Glue Driver Support  
  
#  
  
CONFIG_USB_DWC3_PCI=m  
  
CONFIG_USB_DWC3_HAPS=m  
  
CONFIG_USB_DWC2=y  
  
CONFIG_USB_DWC2_HOST=y  
  
  
#  
  
# Gadget/Dual-role mode requires USB Gadget support to be enabled  
  
#  
  
CONFIG_USB_DWC2_PCI=m  
  
# CONFIG_USB_DWC2_DEBUG is not set  
  
# CONFIG_USB_DWC2_TRACK_MISSED_SOFS is not set  
  
CONFIG_USB_CHIPIDEA=m  
  
CONFIG_USB_CHIPIDEA_UDC=y  
  
CONFIG_USB_CHIPIDEA_HOST=y  
  
CONFIG_USB_CHIPIDEA_PCI=m  
  
CONFIG_USB_CHIPIDEA_MSM=m  
  
CONFIG_USB_CHIPIDEA_NPCM=m  
  
CONFIG_USB_CHIPIDEA_GENERIC=m  
  
CONFIG_USB_ISP1760=m  
  
CONFIG_USB_ISP1760_HCD=y  
  
CONFIG_USB_ISP1761_UDC=y  
  
# CONFIG_USB_ISP1760_HOST_ROLE is not set  
  
# CONFIG_USB_ISP1760_GADGET_ROLE is not set
```


BKM

```
CONFIG_USB_ISP1760_DUAL_ROLE=y

#

# USB port drivers

#

CONFIG_USB_SERIAL=m

CONFIG_USB_SERIAL_GENERIC=y

CONFIG_USB_SERIAL_SIMPLE=m

CONFIG_USB_SERIAL_AIRCABLE=m

CONFIG_USB_SERIAL_ARK3116=m

CONFIG_USB_SERIAL_BELKIN=m

CONFIG_USB_SERIAL_CH341=m

CONFIG_USB_SERIAL_WHITEHEAT=m

CONFIG_USB_SERIAL_DIGI_ACCELEPORT=m

CONFIG_USB_SERIAL_CP210X=m

CONFIG_USB_SERIAL_CYPRESS_M8=m

CONFIG_USB_SERIAL_EMPEG=m

CONFIG_USB_SERIAL_FTDI_SIO=m

CONFIG_USB_SERIAL_VISOR=m

CONFIG_USB_SERIAL_IPAQ=m

CONFIG_USB_SERIAL_IR=m

CONFIG_USB_SERIAL_EDGEPORT=m

CONFIG_USB_SERIAL_EDGEPORT_TI=m

CONFIG_USB_SERIAL_F81232=m

CONFIG_USB_SERIAL_F8153X=m

CONFIG_USB_SERIAL_GARMIN=m

CONFIG_USB_SERIAL_IPW=m
```

```

CONFIG_USB_SERIAL_IUU=m
CONFIG_USB_SERIAL_KEYSPAN_PDA=m
CONFIG_USB_SERIAL_KEYSPAN=m
CONFIG_USB_SERIAL_KLSI=m
CONFIG_USB_SERIAL_KOBIL_SCT=m
CONFIG_USB_SERIAL_MCT_U232=m
CONFIG_USB_SERIAL_METRO=m
CONFIG_USB_SERIAL_MOS7720=m
CONFIG_USB_SERIAL_MOS7715_PARPORT=y
CONFIG_USB_SERIAL_MOS7840=m
CONFIG_USB_SERIAL_MXUPORT=m
CONFIG_USB_SERIAL_NAVMAN=m
CONFIG_USB_SERIAL_PL2303=m
CONFIG_USB_SERIAL_OTI6858=m
CONFIG_USB_SERIAL_QCAUX=m
CONFIG_USB_SERIAL_QUALCOMM=m
CONFIG_USB_SERIAL_SPCP8X5=m
CONFIG_USB_SERIAL_SAFE=m
# CONFIG_USB_SERIAL_SAFE_PADDED is not set
CONFIG_USB_SERIAL_SIERRAWIRELESS=m
CONFIG_USB_SERIAL_SYMBOL=m
CONFIG_USB_SERIAL_TI=m
CONFIG_USB_SERIAL_CYBERJACK=m
CONFIG_USB_SERIAL_WWAN=m
CONFIG_USB_SERIAL_OPTION=m
CONFIG_USB_SERIAL_OMNINET=m
CONFIG_USB_SERIAL_OPTICON=m

```

BKM

```

CONFIG_USB_SERIAL_XSENS_MT=m
CONFIG_USB_SERIAL_WISHBONE=m
CONFIG_USB_SERIAL_SSU100=m
CONFIG_USB_SERIAL_QT2=m
CONFIG_USB_SERIAL_UPD78F0730=m
CONFIG_USB_SERIAL_XR=m
CONFIG_USB_SERIAL_DEBUG=m

#

# USB Miscellaneous drivers

#

CONFIG_USB_USS720=m
CONFIG_USB_EMI62=m
CONFIG_USB_EMI26=m
CONFIG_USB_ADUTUX=m
CONFIG_USB_SEVSEG=m
CONFIG_USB_LEGOTOWER=m
CONFIG_USB_LCD=m
CONFIG_USB_CYPRESS_CY7C63=m
CONFIG_USB_CYTHERM=m
CONFIG_USB_IDMOUSE=m
CONFIG_USB_APPLEDISPLAY=m
CONFIG_APPLE_MFI_FASTCHARGE=m
# CONFIG_USB_LJCA is not set
CONFIG_USB_SISUSBVGA=m
CONFIG_USB_LD=m
CONFIG_USB_TRANCEVIBRATOR=m

```

```

CONFIG_USB_IOWARRIOR=m

CONFIG_USB_TEST=m

CONFIG_USB_EHSET_TEST_FIXTURE=m

CONFIG_USB_ISIGHTFW=m

CONFIG_USB_YUREX=m

CONFIG_USB_EZUSB_FX2=m

CONFIG_USB_HUB_USB251XB=m

CONFIG_USB_HSI_USB3503=m

CONFIG_USB_HSI_USB4604=m

CONFIG_USB_LINK_LAYER_TEST=m

CONFIG_USB_CHAOSKEY=m

CONFIG_USB_ATM=m

CONFIG_USB_SPEEDTOUCH=m

CONFIG_USB_CXACRU=m

CONFIG_USB_UEAGLEATM=m

CONFIG_USB_XUSBATM=m


#

# USB Physical Layer drivers

#

CONFIG_USB_PHY=y

CONFIG_NOP_USB_XCEIV=m

CONFIG_USB_GPIO_VBUS=m

CONFIG_TAHVO_USB=m

CONFIG_TAHVO_USB_HOST_BY_DEFAULT=y

CONFIG_USB_ISP1301=m

# end of USB Physical Layer drivers

```

```

CONFIG_USB_GADGET=m

# CONFIG_USB_GADGET_DEBUG is not set

# CONFIG_USB_GADGET_DEBUG_FILES is not set

# CONFIG_USB_GADGET_DEBUG_FS is not set

CONFIG_USB_GADGET_VBUS_DRAW=2

CONFIG_USB_GADGET_STORAGE_NUM_BUFFERS=2

CONFIG_U_SERIAL_CONSOLE=y


#

# USB Peripheral Controller

#

CONFIG_USB_GR_UDC=m

CONFIG_USB_R8A66597=m

CONFIG_USB_PXA27X=m

CONFIG_USB_MV_UDC=m

CONFIG_USB_MV_U3D=m

CONFIG_USB_SNP_CORE=m

# CONFIG_USB_M66592 is not set

CONFIG_USB_BDC_UDC=m

CONFIG_USB_AMD5536UDC=m

CONFIG_USB_NET2272=m

CONFIG_USB_NET2272_DMA=y

CONFIG_USB_NET2280=m

CONFIG_USB_GOKU=m

CONFIG_USB_EG20T=m

CONFIG_USB_MAX3420_UDC=m

```

```
# CONFIG_USB_CDNS2_UDC is not set
# CONFIG_USB_DUMMY_HCD is not set
# end of USB Peripheral Controller
```

```
CONFIG_USB_LIBCOMPOSITE=m
CONFIG_USB_F_ACM=m
CONFIG_USB_F_SS_LB=m
CONFIG_USB_U_SERIAL=m
CONFIG_USB_U_ETHER=m
CONFIG_USB_U_AUDIO=m
CONFIG_USB_F_SERIAL=m
CONFIG_USB_F_OBEX=m
CONFIG_USB_F_NCM=m
CONFIG_USB_F_ECM=m
CONFIG_USB_F_PHONET=m
CONFIG_USB_F_EEM=m
CONFIG_USB_F_SUBSET=m
CONFIG_USB_F_RNDIS=m
CONFIG_USB_F_MASS_STORAGE=m
CONFIG_USB_F_FS=m
CONFIG_USB_F_UAC1=m
CONFIG_USB_F_UAC1_LEGACY=m
CONFIG_USB_F_UAC2=m
CONFIG_USB_F_UVC=m
CONFIG_USB_F_MIDI=m
CONFIG_USB_F_HID=m
CONFIG_USB_F_PRINTER=m
```

BKM

```

CONFIG_USB_F_TCM=m
CONFIG_USB_CONFIGFS=m
CONFIG_USB_CONFIGFS_SERIAL=y
CONFIG_USB_CONFIGFS_ACM=y
CONFIG_USB_CONFIGFS_OBEX=y
CONFIG_USB_CONFIGFS_NCM=y
CONFIG_USB_CONFIGFS_ECM=y
CONFIG_USB_CONFIGFS_ECM_SUBSET=y
CONFIG_USB_CONFIGFS_RNDIS=y
CONFIG_USB_CONFIGFS_EEM=y
CONFIG_USB_CONFIGFS_PHONET=y
CONFIG_USB_CONFIGFS_MASS_STORAGE=y
CONFIG_USB_CONFIGFS_F_LB_SS=y
CONFIG_USB_CONFIGFS_F_FS=y
CONFIG_USB_CONFIGFS_F_UAC1=y
CONFIG_USB_CONFIGFS_F_UAC1_LEGACY=y
CONFIG_USB_CONFIGFS_F_UAC2=y
CONFIG_USB_CONFIGFS_F_MIDI=y
# CONFIG_USB_CONFIGFS_F_MIDI2 is not set
CONFIG_USB_CONFIGFS_F_HID=y
CONFIG_USB_CONFIGFS_F_UVC=y
CONFIG_USB_CONFIGFS_F_PRINTER=y
CONFIG_USB_CONFIGFS_F_TCM=y

#
# USB Gadget precomposed configurations
#

```

```
CONFIG_USB_ZERO=m
CONFIG_USB_AUDIO=m
CONFIG_GADGET_UAC1=y
# CONFIG_GADGET_UAC1_LEGACY is not set
CONFIG_USB_ETH=m
CONFIG_USB_ETH_RNDIS=y
CONFIG_USB_ETH_EEM=y
CONFIG_USB_G_NCM=m
CONFIG_USB_GADGETFS=m
CONFIG_USB_FUNCTIONFS=m
CONFIG_USB_FUNCTIONFS_ETH=y
CONFIG_USB_FUNCTIONFS_RNDIS=y
CONFIG_USB_FUNCTIONFS_GENERIC=y
CONFIG_USB_MASS_STORAGE=m
CONFIG_USB_GADGET_TARGET=m
CONFIG_USB_G_SERIAL=m
CONFIG_USB_MIDI_GADGET=m
CONFIG_USB_G_PRINTER=m
CONFIG_USB_CDC_COMPOSITE=m
CONFIG_USB_G_NOKIA=m
CONFIG_USB_G_ACM_MS=m
# CONFIG_USB_G_MULTI is not set
CONFIG_USB_G_HID=m
CONFIG_USB_G_DBGP=m
# CONFIG_USB_G_DBGP_PRINTK is not set
CONFIG_USB_G_DBGP_SERIAL=y
CONFIG_USB_G_WEBCAM=m
```


BKM

```

CONFIG_USB_RAW_GADGET=m

# end of USB Gadget precomposed configurations


CONFIG_TYPEC=m
CONFIG_TYPEC_TCPM=m
CONFIG_TYPEC_TPCPI=m
CONFIG_TYPEC_RT1711H=m
CONFIG_TYPEC_MT6360=m
CONFIG_TYPEC_TPCPI_MAXIM=m
CONFIG_TYPEC_FUSB302=m
# CONFIG_TYPEC_WCOVE is not set
CONFIG_TYPEC_UCSI=m
CONFIG_UCSI_CCG=m
CONFIG_UCSI_ACPI=m
# CONFIG_UCSI_STM32G0 is not set
CONFIG_TYPEC_TPS6598X=m
# CONFIG_TYPEC_ANX7411 is not set
# CONFIG_TYPEC_RT1719 is not set
CONFIG_TYPEC_HD3SS3220=m
CONFIG_TYPEC_STUSB160X=m
# CONFIG_TYPEC_WUSB3801 is not set


#
# USB Type-C Multiplexer/DeMultiplexer Switch support
#
# CONFIG_TYPEC_MUX_FSA4480 is not set
# CONFIG_TYPEC_MUX_GPIO_SBU is not set

```

```

CONFIG_TYPEC_MUX_PI3USB30532=m

CONFIG_TYPEC_MUX_INTEL_PMC=m

# CONFIG_TYPEC_MUX_IT5205 is not set

# CONFIG_TYPEC_MUX_NB7VPQ904M is not set

# CONFIG_TYPEC_MUX_PTN36502 is not set

# CONFIG_TYPEC_MUX_WCD939X_USBSS is not set

# end of USB Type-C Multiplexer/DeMultiplexer Switch support


#

# USB Type-C Alternate Mode drivers

#

CONFIG_TYPEC_DP_ALTMODE=m

CONFIG_TYPEC_NVIDIA_ALTMODE=m

# end of USB Type-C Alternate Mode drivers


CONFIG_USB_ROLE_SWITCH=y

CONFIG_USB_ROLES_INTEL_XHCI=m

CONFIG_MMC=y

CONFIG_MMC_BLOCK=m

CONFIG_MMC_BLOCK_MINORS=8

CONFIG_SDIO_UART=m

# CONFIG_MMC_TEST is not set

CONFIG_MMC_CRYPT=y


#

# MMC/SD/SDIO Host Controller Drivers

#

```

BKM

```
# CONFIG_MMC_DEBUG is not set

CONFIG_MMC_SDHCI=m

CONFIG_MMC_SDHCI_IO_ACCESSORS=y

CONFIG_MMC_SDHCI_PCI=m

CONFIG_MMC_RICOH_MMC=y

CONFIG_MMC_SDHCI_ACPI=m

CONFIG_MMC_SDHCI_PLTFM=m

CONFIG_MMC_SDHCI_F_SDH30=m

CONFIG_MMC_WBSD=m

CONFIG_MMC_ALCOR=m

CONFIG_MMC_TIFM_SD=m

CONFIG_MMC_SPI=m

CONFIG_MMC_SDRICOH_CS=m

CONFIG_MMC_CB710=m

CONFIG_MMC_VIA_SDMMC=m

CONFIG_MMC_VUB300=m

CONFIG_MMC_USHC=m

CONFIG_MMC_USDHI6ROL0=m

CONFIG_MMC_REALTEK_PCI=m

CONFIG_MMC_REALTEK_USB=m

CONFIG_MMC_CQHCI=m

# CONFIG_MMC_HSQ is not set

CONFIG_MMC_TOSHIBA_PCI=m

CONFIG_MMC_MTK=m

CONFIG_MMC_SDHCI_XENON=m

CONFIG_SCSI_UFSHCD=m

CONFIG_SCSI_UFS_BSG=y
```

```
CONFIG_SCSI_UFS_CRYPTO=y
# CONFIG_SCSI_UFS_HWMON is not set
CONFIG_SCSI_UFSHCD_PCI=m
CONFIG_SCSI_UFS_DWC_TC_PCI=m
CONFIG_SCSI_UFSHCD_PLATFORM=m
CONFIG_SCSI_UFS_CDNS_PLATFORM=m
CONFIG_MEMSTICK=m
# CONFIG_MEMSTICK_DEBUG is not set

#
# MemoryStick drivers
#
# CONFIG_MEMSTICK_UNSAFE_RESUME is not set
CONFIG_MSPRO_BLOCK=m
CONFIG_MS_BLOCK=m

#
# MemoryStick Host Controller Drivers
#
CONFIG_MEMSTICK_TIFM_MS=m
CONFIG_MEMSTICK_JMICRON_38X=m
CONFIG_MEMSTICK_R592=m
CONFIG_MEMSTICK_REALTEK_PCI=m
CONFIG_MEMSTICK_REALTEK_USB=m
CONFIG_NEW_LEDS=y
CONFIG_LEDS_CLASS=y
CONFIG_LEDS_CLASS_FLASH=m
```

BKM

```

CONFIG_LEDS_CLASS_MULTICOLOR=m

CONFIG_LEDS_BRIGHTNESS_HW_CHANGED=y


#

# LED drivers

#

CONFIG_LEDS_88PM860X=m

CONFIG_LEDS_APU=m

# CONFIG_LEDS_AW200XX is not set

# CONFIG_LEDS_CHT_WCOVE is not set

CONFIG_LEDS_LM3530=m

CONFIG_LEDS_LM3532=m

CONFIG_LEDS_LM3533=m

CONFIG_LEDS_LM3642=m

CONFIG_LEDS_MT6323=m

CONFIG_LEDS_PCA9532=m

CONFIG_LEDS_PCA9532_GPIO=y

CONFIG_LEDS_GPIO=m

CONFIG_LEDS_LP3944=m

CONFIG_LEDS_LP3952=m

CONFIG_LEDS_LP50XX=m

CONFIG_LEDS_LP8788=m

CONFIG_LEDS_PCA955X=m

CONFIG_LEDS_PCA955X_GPIO=y

CONFIG_LEDS_PCA963X=m

# CONFIG_LEDS_PCA995X is not set

CONFIG_LEDS_WM831X_STATUS=m

```

```
CONFIG_LEDS_WM8350=m
CONFIG_LEDS_DA903X=m
CONFIG_LEDS_DA9052=m
CONFIG_LEDS_DAC124S085=m
CONFIG_LEDS_PWM=m
CONFIG_LEDS_REGULATOR=m
# CONFIG_LEDS_BD2606MVV is not set
CONFIG_LEDS_BD2802=m
CONFIG_LEDS_INTEL_SS4200=m
# CONFIG_LEDS_LT3593 is not set
CONFIG_LEDS_ADP5520=m
CONFIG_LEDS_MC13783=m
CONFIG_LEDS_TCA6507=m
CONFIG_LEDS_TLC591XX=m
CONFIG_LEDS_MAX8997=m
CONFIG_LEDS_LM355x=m
CONFIG_LEDS_MENF21BMC=m
# CONFIG_LEDS_IS31FL319X is not set

#
# LED driver for blink(1) USB RGB LED is under Special HID drivers (HID_THINGM)
#
CONFIG_LEDS_BLINKM=m
CONFIG_LEDS_MLXCPLD=m
CONFIG_LEDS_MLXREG=m
CONFIG_LEDS_USER=m
CONFIG_LEDS_NIC78BX=m
```

BKM

```
CONFIG_LEDS_TI_LMU_COMMON=m
CONFIG_LEDS_LM36274=m
CONFIG_LEDS_TPS6105X=m

#
# Flash and Torch LED drivers
#
CONFIG_LEDS_AS3645A=m
CONFIG_LEDS_LM3601X=m
CONFIG_LEDS_RT8515=m
CONFIG_LEDS_SGM3140=m

#
# RGB LED drivers
#
# CONFIG_LEDS_PWM_MULTICOLOR is not set

#
# LED Triggers
#
CONFIG_LEDS_TRIGGERS=y
CONFIG_LEDS_TRIGGER_TIMER=m
CONFIG_LEDS_TRIGGER_ONESHOT=m
CONFIG_LEDS_TRIGGER_DISK=y
CONFIG_LEDS_TRIGGER_MTD=y
CONFIG_LEDS_TRIGGER_HEARTBEAT=m
CONFIG_LEDS_TRIGGER_BACKLIGHT=m
```

```
CONFIG_LEDS_TRIGGER_CPU=y

CONFIG_LEDS_TRIGGER_ACTIVITY=m

# CONFIG_LEDS_TRIGGER_GPIO is not set

CONFIG_LEDS_TRIGGER_DEFAULT_ON=m


#

# iptables trigger is under Netfilter config (LED target)

#

CONFIG_LEDS_TRIGGER_TRANSIENT=m

CONFIG_LEDS_TRIGGER_CAMERA=m

CONFIG_LEDS_TRIGGER_PANIC=y

CONFIG_LEDS_TRIGGER_NETDEV=m

CONFIG_LEDS_TRIGGER_PATTERN=m

CONFIG_LEDS_TRIGGER_AUDIO=m

CONFIG_LEDS_TRIGGER_TTY=m


#

# Simple LED drivers

#

# CONFIG_ACCESSIBILITY is not set

CONFIG_INFINIBAND=m

CONFIG_INFINIBAND_USER_MAD=m

CONFIG_INFINIBAND_USER_ACCESS=m

CONFIG_INFINIBAND_USER_MEM=y

CONFIG_INFINIBAND_ON_DEMAND_PAGING=y

CONFIG_INFINIBAND_ADDR_TRANS=y

CONFIG_INFINIBAND_ADDR_TRANS_CONFIGFS=y
```


BKM

```

CONFIG_INFINIBAND_VIRT_DMA=y
CONFIG_INFINIBAND_BNXT_RE=m
CONFIG_INFINIBAND_CXGB4=m
CONFIG_INFINIBAND_EFA=m
# CONFIG_INFINIBAND_ERDMA is not set
CONFIG_INFINIBAND_HFI1=m
# CONFIG_HFI1_DEBUG_SDMA_ORDER is not set
# CONFIG_SDMA_VERBOSITY is not set
# CONFIG_INFINIBAND_IRDMA is not set
CONFIG_MLX4_INFINIBAND=m
CONFIG_MLX5_INFINIBAND=m
CONFIG_INFINIBAND_MTHCA=m
# CONFIG_INFINIBAND_MTHCA_DEBUG is not set
CONFIG_INFINIBAND_OCRDMA=m
CONFIG_INFINIBAND_QEDR=m
CONFIG_INFINIBAND_QIB=m
CONFIG_INFINIBAND_QIB_DCA=y
CONFIG_INFINIBAND_USNIC=m
CONFIG_INFINIBAND_VMWARE_PVRDMA=m
CONFIG_INFINIBAND_RDMAVT=m
CONFIG_RDMA_RXE=m
CONFIG_RDMA_SIW=m
CONFIG_INFINIBAND_IPOIB=m
CONFIG_INFINIBAND_IPOIB_CM=y
# CONFIG_INFINIBAND_IPOIB_DEBUG is not set
CONFIG_INFINIBAND_SRP=m
CONFIG_INFINIBAND_SRPT=m

```

```

CONFIG_INFINIBAND_IUSER=m
CONFIG_INFINIBAND_INSERT=m
CONFIG_INFINIBAND_RTRS=m
CONFIG_INFINIBAND_RTRS_CLIENT=m
CONFIG_INFINIBAND_RTRS_SERVER=m
CONFIG_INFINIBAND_OPA_VNIC=m
CONFIG_EDAC_ATOMIC_SCRUB=y
CONFIG_EDAC_SUPPORT=y
CONFIG_EDAC=y
# CONFIG_EDAC_LEGACY_SYSFS is not set
# CONFIG_EDAC_DEBUG is not set
CONFIG_EDAC_DECODE_MCE=m
CONFIG_EDAC_GHES=y
CONFIG_EDAC_AMD64=m
CONFIG_EDAC_E752X=m
CONFIG_EDAC_I82975X=m
CONFIG_EDAC_I3000=m
CONFIG_EDAC_I3200=m
CONFIG_EDAC_IE31200=m
CONFIG_EDAC_X38=m
CONFIG_EDAC_I5400=m
CONFIG_EDAC_I7CORE=m
CONFIG_EDAC_I5100=m
CONFIG_EDAC_I7300=m
CONFIG_EDAC_SBRIDGE=m
CONFIG_EDAC_SKX=m
CONFIG_EDAC_I10NM=m

```

BKM

```

CONFIG_EDAC_PND2=m
CONFIG_EDAC_IGEN6=m
CONFIG_RTC_LIB=y
CONFIG_RTC_MC146818_LIB=y
CONFIG_RTC_CLASS=y
CONFIG_RTC_HCTOSYS=y
CONFIG_RTC_HCTOSYS_DEVICE="rtc0"
CONFIG_RTC_SYSTOHC=y
CONFIG_RTC_SYSTOHC_DEVICE="rtc0"
# CONFIG_RTC_DEBUG is not set
CONFIG_RTC_NVMEM=y

#
# RTC interfaces
#
CONFIG_RTC_INTF_SYSFS=y
CONFIG_RTC_INTF_PROC=y
CONFIG_RTC_INTF_DEV=y
# CONFIG_RTC_INTF_DEV_UIE_EMUL is not set
# CONFIG_RTC_DRV_TEST is not set

#
# I2C RTC drivers
#
CONFIG_RTC_DRV_88PM860X=m
CONFIG_RTC_DRV_88PM80X=m
CONFIG_RTC_DRV_ABB5ZES3=m

```

```

CONFIG_RTC_DRV_ABEOZ9=m
CONFIG_RTC_DRV_ABX80X=m
CONFIG_RTC_DRV_DS1307=m
CONFIG_RTC_DRV_DS1307_CENTURY=y
CONFIG_RTC_DRV_DS1374=m
CONFIG_RTC_DRV_DS1374_WDT=y
CONFIG_RTC_DRV_DS1672=m
CONFIG_RTC_DRV_LP8788=m
CONFIG_RTC_DRV_MAX6900=m
CONFIG_RTC_DRV_MAX8907=m
CONFIG_RTC_DRV_MAX8925=m
CONFIG_RTC_DRV_MAX8998=m
CONFIG_RTC_DRV_MAX8997=m
# CONFIG_RTC_DRV_MAX3135 is not set
CONFIG_RTC_DRV_RS5C372=m
CONFIG_RTC_DRV_ISL1208=m
CONFIG_RTC_DRV_ISL12022=m
CONFIG_RTC_DRV_X1205=m
CONFIG_RTC_DRV_PCF8523=m
CONFIG_RTC_DRV_PCF85063=m
CONFIG_RTC_DRV_PCF85363=m
CONFIG_RTC_DRV_PCF8563=m
CONFIG_RTC_DRV_PCF8583=m
CONFIG_RTC_DRV_M41T80=m
CONFIG_RTC_DRV_M41T80_WDT=y
CONFIG_RTC_DRV_BQ32K=m
CONFIG_RTC_DRV_PALMAS=m

```

BKM

```
CONFIG_RTC_DRV_TPS6586X=m
CONFIG_RTC_DRV_TPS65910=m
CONFIG_RTC_DRV_RC5T583=m
CONFIG_RTC_DRV_S35390A=m
CONFIG_RTC_DRV_FM3130=m
CONFIG_RTC_DRV_RX8010=m
CONFIG_RTC_DRV_RX8581=m
CONFIG_RTC_DRV_RX8025=m
CONFIG_RTC_DRV_EM3027=m
CONFIG_RTC_DRV_RV3028=m
CONFIG_RTC_DRV_RV3032=m
CONFIG_RTC_DRV_RV8803=m
CONFIG_RTC_DRV_SD3078=m
```

```
#
```

```
# SPI RTC drivers
```

```
#
```

```
CONFIG_RTC_DRV_M41T93=m
CONFIG_RTC_DRV_M41T94=m
CONFIG_RTC_DRV_DS1302=m
CONFIG_RTC_DRV_DS1305=m
CONFIG_RTC_DRV_DS1343=m
CONFIG_RTC_DRV_DS1347=m
CONFIG_RTC_DRV_DS1390=m
CONFIG_RTC_DRV_MAX6916=m
CONFIG_RTC_DRV_R9701=m
CONFIG_RTC_DRV_RX4581=m
```

```

CONFIG_RTC_DRV_RS5C348=m

CONFIG_RTC_DRV_MAX6902=m

CONFIG_RTC_DRV_PCF2123=m

CONFIG_RTC_DRV_MCP795=m

CONFIG_RTC_I2C_AND_SPI=y

#

# SPI and I2C RTC drivers

#

CONFIG_RTC_DRV_DS3232=m

CONFIG_RTC_DRV_DS3232_HWMON=y

CONFIG_RTC_DRV_PCF2127=m

CONFIG_RTC_DRV_RV3029C2=m

CONFIG_RTC_DRV_RV3029_HWMON=y

CONFIG_RTC_DRV_RX6110=m

#

# Platform RTC drivers

#

CONFIG_RTC_DRV_CMOS=y

CONFIG_RTC_DRV_DS1286=m

CONFIG_RTC_DRV_DS1511=m

CONFIG_RTC_DRV_DS1553=m

CONFIG_RTC_DRV_DS1685_FAMILY=m

CONFIG_RTC_DRV_DS1685=y

# CONFIG_RTC_DRV_DS1689 is not set

# CONFIG_RTC_DRV_DS17285 is not set

```

BKM

```
# CONFIG_RTC_DRV_DS17485 is not set
# CONFIG_RTC_DRV_DS17885 is not set
CONFIG_RTC_DRV_DS1742=m
CONFIG_RTC_DRV_DS2404=m
CONFIG_RTC_DRV_DA9052=m
CONFIG_RTC_DRV_DA9055=m
CONFIG_RTC_DRV_DA9063=m
CONFIG_RTC_DRV_STK17TA8=m
CONFIG_RTC_DRV_M48T86=m
CONFIG_RTC_DRV_M48T35=m
CONFIG_RTC_DRV_M48T59=m
CONFIG_RTC_DRV_MSM6242=m
CONFIG_RTC_DRV_RP5C01=m
CONFIG_RTC_DRV_WM831X=m
CONFIG_RTC_DRV_WM8350=m
CONFIG_RTC_DRV_PCF50633=m
CONFIG_RTC_DRV_CROS_EC=m

#
# on-CPU RTC drivers
#
CONFIG_RTC_DRV_FTRTC010=m
CONFIG_RTC_DRV_PCAP=m
CONFIG_RTC_DRV_MC13XXX=m
CONFIG_RTC_DRV_MT6397=m

#
```

```
# HID Sensor RTC drivers

#

CONFIG_RTC_DRV_HID_SENSOR_TIME=m

# CONFIG_RTC_DRV_GOLDFISH is not set

CONFIG_RTC_DRV_WILCO_EC=m

CONFIG_DMADEVICES=y

# CONFIG_DMADEVICES_DEBUG is not set


#

# DMA Devices

#

CONFIG_DMA_ENGINE=y

CONFIG_DMA_VIRTUAL_CHANNELS=y

CONFIG_DMA_ACPI=y

CONFIG_ALTERA_MSGDMA=m

CONFIG_INTEL_IDMA64=m

CONFIG_INTEL_IDXD_BUS=m

CONFIG_INTEL_IDXD=m

# CONFIG_INTEL_IDXD_COMPAT is not set

CONFIG_INTEL_IDXD_SVM=y

# CONFIG_INTEL_IDXD_PERFMON is not set

CONFIG_INTEL_IOATDMA=m

CONFIG_PLX_DMA=m

# CONFIG_XILINX_DMA is not set

# CONFIG_XILINX_XDMA is not set

# CONFIG_AMD_PTDMA is not set

CONFIG_QCOM_HIDMA_MGMT=m
```


BKM

```

CONFIG_QCOM_HIDMA=m
CONFIG_DW_DMAC_CORE=m
CONFIG_DW_DMAC=m
CONFIG_DW_DMAC_PCI=m
CONFIG_DW_EDMA=m
CONFIG_DW_EDMA_PCIE=m
CONFIG_HSU_DMA=m
CONFIG_SF_PDMA=m
CONFIG_INTEL_LDMA=y

#

# DMA Clients

#

CONFIG_ASYNC_TX_DMA=y
# CONFIG_DMATEST is not set
CONFIG_DMA_ENGINE_RAID=y

#

# DMABUF options

#

CONFIG_SYNC_FILE=y
CONFIG_SW_SYNC=y
CONFIG_UDMABUF=y
# CONFIG_DMABUF_MOVE_NOTIFY is not set
# CONFIG_DMABUF_DEBUG is not set
# CONFIG_DMABUF_SELFTESTS is not set
CONFIG_DMABUF_HEAPS=y

```

```
# CONFIG_DMABUF_SYSFS_STATS is not set
```

```
CONFIG_DMABUF_HEAPS_SYSTEM=y
```

```
# end of DMABUF options
```

```
CONFIG_DCA=m
```

```
CONFIG_UIO=m
```

```
CONFIG_UIO_CIF=m
```

```
CONFIG_UIO_PDRV_GENIRQ=m
```

```
CONFIG_UIO_DMEM_GENIRQ=m
```

```
CONFIG_UIO_AEC=m
```

```
CONFIG_UIO_SERCOS3=m
```

```
CONFIG_UIO_PCI_GENERIC=m
```

```
CONFIG_UIO_NETX=m
```

```
CONFIG_UIO_PRUSS=m
```

```
CONFIG_UIO_MF624=m
```

```
CONFIG_UIO_HV_GENERIC=m
```

```
# CONFIG_UIO_DFL is not set
```

```
CONFIG_VFIO=y
```

```
CONFIG_VFIO_GROUP=y
```

```
CONFIG_VFIO_CONTAINER=y
```

```
CONFIG_VFIO_IOMMU_TYPE1=y
```

```
CONFIG_VFIO_NOIOMMU=y
```

```
CONFIG_VFIO_VIRQFD=y
```

```
# CONFIG_VFIO_DEBUGFS is not set
```

```
#
```

```
# VFIO support for PCI devices
```

BKM

```
#
CONFIG_VFIO_PCI_CORE=y
CONFIG_VFIO_PCI_MMAP=y
CONFIG_VFIO_PCI_INTX=y
CONFIG_VFIO_PCI=y
CONFIG_VFIO_PCI_VGA=y
CONFIG_VFIO_PCI_IGD=y
# CONFIG_MLX5_VFIO_PCI is not set
# CONFIG_VIRTIO_VFIO_PCI is not set
# end of VFIO support for PCI devices

CONFIG_VFIO_MDEV=m
CONFIG_IRQ_BYPASS_MANAGER=y
CONFIG_VIRT_DRIVERS=y
CONFIG_VMGENID=y
CONFIG_VBOXGUEST=m
CONFIG_NITRO_ENCLAVES=m
CONFIG_ACRN_HSM=m
CONFIG_TSM_REPORTS=m
# CONFIG_EFI_SECRET is not set
CONFIG_SEV_GUEST=m
CONFIG_VIRTIO_ANCHOR=y
CONFIG_VIRTIO=y
CONFIG_VIRTIO_PCI_LIB=y
CONFIG_VIRTIO_PCI_LIB_LEGACY=y
CONFIG_VIRTIO_MENU=y
CONFIG_VIRTIO_PCI=y
```

```

CONFIG_VIRTIO_PCI_ADMIN_LEGACY=y
CONFIG_VIRTIO_PCI_LEGACY=y
CONFIG_VIRTIO_VDPA=m
CONFIG_VIRTIO_PMEM=m
CONFIG_VIRTIO_BALLOON=y
CONFIG_VIRTIO_MEM=m
CONFIG_VIRTIO_INPUT=m
CONFIG_VIRTIO_MMIO=y
CONFIG_VIRTIO_MMIO_CMDLINE_DEVICES=y
CONFIG_VIRTIO_DMA_SHARED_BUFFER=m
CONFIG_VDPA=m
CONFIG_VDPA_SIM=m
CONFIG_VDPA_SIM_NET=m
# CONFIG_VDPA_SIM_BLOCK is not set
# CONFIG_VDPA_USER is not set
CONFIG_IFCVF=m
CONFIG_MLX5_VDPA=y
CONFIG_MLX5_VDPA_NET=m
# CONFIG_MLX5_VDPA_STEERING_DEBUG is not set
# CONFIG_VP_VDPA is not set
# CONFIG_ALIBABA_ENI_VDPA is not set
# CONFIG_SNET_VDPA is not set
CONFIG_VHOST_IOTLB=m
CONFIG_VHOST_RING=m
CONFIG_VHOST_TASK=y
CONFIG_VHOST=m
CONFIG_VHOST_MENU=y

```

BKM

```
CONFIG_VHOST_NET=m
CONFIG_VHOST_SCSI=m
CONFIG_VHOST_VSOCK=m
CONFIG_VHOST_VDPA=m
# CONFIG_VHOST_CROSS_ENDIAN_LEGACY is not set

#
# Microsoft Hyper-V guest support
#
CONFIG_HYPERV=m
# CONFIG_HYPERV_VTL_MODE is not set
CONFIG_HYPERV_TIMER=y
CONFIG_HYPERV_UTILS=m
CONFIG_HYPERV_BALLOON=m
# end of Microsoft Hyper-V guest support

#
# Xen driver support
#
CONFIG_XEN_BALLOON=y
CONFIG_XEN_BALLOON_MEMORY_HOTPLUG=y
CONFIG_XEN_MEMORY_HOTPLUG_LIMIT=512
CONFIG_XEN_SCRUB_PAGES_DEFAULT=y
CONFIG_XEN_DEV_EVTCHN=m
CONFIG_XEN_BACKEND=y
CONFIG_XENFS=m
CONFIG_XEN_COMPAT_XENFS=y
```

```

CONFIG_XEN_SYS_HYPERVISOR=y
CONFIG_XEN_XENBUS_FRONTEND=y
CONFIG_XEN_GNTDEV=m
CONFIG_XEN_GNTDEV_DMABUF=y
CONFIG_XEN_GRANT_DEV_ALLOC=m
CONFIG_XEN_GRANT_DMA_ALLOC=y
CONFIG_SWIOTLB_XEN=y
CONFIG_XEN_PCI_STUB=y
CONFIG_XEN_PCIDEV_BACKEND=m
CONFIG_XEN_PVCALLS_FRONTEND=m
# CONFIG_XEN_PVCALLS_BACKEND is not set
CONFIG_XEN_SCSI_BACKEND=m
CONFIG_XEN_PRIVCMD=m
CONFIG_XEN_ACPI_PROCESSOR=y
CONFIG_XEN_MCE_LOG=y
CONFIG_XEN_HAVE_PVMMU=y
CONFIG_XEN_EFI=y
CONFIG_XEN_AUTO_XLATE=y
CONFIG_XEN_ACPI=y
CONFIG_XEN_SYMS=y
CONFIG_XEN_HAVE_VPMU=y
CONFIG_XEN_FRONT_PGDIR_SHBUF=m
CONFIG_XEN_UNPOPULATED_ALLOC=y
# CONFIG_XEN_VIRTIO is not set
# end of Xen driver support

CONFIG_GREYBUS=m

```

BKM

```
# CONFIG_GREYBUS_BEAGLEPLAY is not set

CONFIG_GREYBUS_ES2=m

CONFIG_COMEDI=m

# CONFIG_COMEDI_DEBUG is not set

CONFIG_COMEDI_DEFAULT_BUF_SIZE_KB=2048

CONFIG_COMEDI_DEFAULT_BUF_MAXSIZE_KB=20480

CONFIG_COMEDI_MISC_DRIVERS=y

CONFIG_COMEDI_BOND=m

CONFIG_COMEDI_TEST=m

CONFIG_COMEDI_PARPORT=m

CONFIG_COMEDI_ISA_DRIVERS=y

CONFIG_COMEDI_PCL711=m

CONFIG_COMEDI_PCL724=m

CONFIG_COMEDI_PCL726=m

CONFIG_COMEDI_PCL730=m

CONFIG_COMEDI_PCL812=m

CONFIG_COMEDI_PCL816=m

CONFIG_COMEDI_PCL818=m

CONFIG_COMEDI_PCM3724=m

CONFIG_COMEDI_AMPLC_DIO200_ISA=m

CONFIG_COMEDI_AMPLC_PC236_ISA=m

CONFIG_COMEDI_AMPLC_PC263_ISA=m

CONFIG_COMEDI_RT1800=m

CONFIG_COMEDI_RT1802=m

CONFIG_COMEDI_DAC02=m

CONFIG_COMEDI_DAS16M1=m

CONFIG_COMEDI_DAS08_ISA=m
```

CONFIG_COMEDI_DAS16=m
 CONFIG_COMEDI_DAS800=m
 CONFIG_COMEDI_DAS1800=m
 CONFIG_COMEDI_DAS6402=m
 CONFIG_COMEDI_DT2801=m
 CONFIG_COMEDI_DT2811=m
 CONFIG_COMEDI_DT2814=m
 CONFIG_COMEDI_DT2815=m
 CONFIG_COMEDI_DT2817=m
 CONFIG_COMEDI_DT282X=m
 CONFIG_COMEDI_DMM32AT=m
 CONFIG_COMEDI_FL512=m
 CONFIG_COMEDI_AIO_AIO12_8=m
 CONFIG_COMEDI_AIO_IIRO_16=m
 CONFIG_COMEDI_I1_PCI20KC=m
 CONFIG_COMEDI_C6XDIGIO=m
 CONFIG_COMEDI_MPC624=m
 CONFIG_COMEDI_ADQ12B=m
 CONFIG_COMEDI_NI_AT_A2150=m
 CONFIG_COMEDI_NI_AT_AO=m
 CONFIG_COMEDI_NI_ATMIO=m
 CONFIG_COMEDI_NI_ATMIO16D=m
 CONFIG_COMEDI_NI_LABPC_ISA=m
 CONFIG_COMEDI_PCMAD=m
 CONFIG_COMEDI_PCMDA12=m
 CONFIG_COMEDI_PCMMIO=m
 CONFIG_COMEDI_PCMUIO=m

BKM

CONFIG_COMEDI_MULTIQ3=m
 CONFIG_COMEDI_S526=m
 CONFIG_COMEDI_PCI_DRIVERS=m
 CONFIG_COMEDI_8255_PCI=m
 CONFIG_COMEDI_ADDI_WATCHDOG=m
 CONFIG_COMEDI_ADDI_APCI_1032=m
 CONFIG_COMEDI_ADDI_APCI_1500=m
 CONFIG_COMEDI_ADDI_APCI_1516=m
 CONFIG_COMEDI_ADDI_APCI_1564=m
 CONFIG_COMEDI_ADDI_APCI_16XX=m
 CONFIG_COMEDI_ADDI_APCI_2032=m
 CONFIG_COMEDI_ADDI_APCI_2200=m
 CONFIG_COMEDI_ADDI_APCI_3120=m
 CONFIG_COMEDI_ADDI_APCI_3501=m
 CONFIG_COMEDI_ADDI_APCI_3XXX=m
 CONFIG_COMEDI_ADL_PCI6208=m
 CONFIG_COMEDI_ADL_PCI7X3X=m
 CONFIG_COMEDI_ADL_PCI8164=m
 CONFIG_COMEDI_ADL_PCI9111=m
 CONFIG_COMEDI_ADL_PCI9118=m
 CONFIG_COMEDI_ADV_PCI1710=m
 CONFIG_COMEDI_ADV_PCI1720=m
 CONFIG_COMEDI_ADV_PCI1723=m
 CONFIG_COMEDI_ADV_PCI1724=m
 CONFIG_COMEDI_ADV_PCI1760=m
 CONFIG_COMEDI_ADV_PCI_DIO=m
 CONFIG_COMEDI_AMPLC_DIO200_PCI=m

CONFIG_COMEDI_AMPLC_PC236_PCI=m
 CONFIG_COMEDI_AMPLC_PC263_PCI=m
 CONFIG_COMEDI_AMPLC_PCI224=m
 CONFIG_COMEDI_AMPLC_PCI230=m
 CONFIG_COMEDI_CONTEC_PCI_DIO=m
 CONFIG_COMEDI_DAS08_PCI=m
 CONFIG_COMEDI_DT3000=m
 CONFIG_COMEDI_DYNA_PCI10XX=m
 CONFIG_COMEDI_GSC_HPDI=m
 CONFIG_COMEDI_MF6X4=m
 CONFIG_COMEDI_ICP_MULTI=m
 CONFIG_COMEDI_DAQBOARD2000=m
 CONFIG_COMEDI_JR3_PCI=m
 CONFIG_COMEDI_KE_COUNTER=m
 CONFIG_COMEDI_CB_PCIDAS64=m
 CONFIG_COMEDI_CB_PCIDAS=m
 CONFIG_COMEDI_CB_PCIDDA=m
 CONFIG_COMEDI_CB_PCIMDAS=m
 CONFIG_COMEDI_CB_PCIMDDA=m
 CONFIG_COMEDI_ME4000=m
 CONFIG_COMEDI_ME_DAQ=m
 CONFIG_COMEDI_NI_6527=m
 CONFIG_COMEDI_NI_65XX=m
 CONFIG_COMEDI_NI_660X=m
 CONFIG_COMEDI_NI_670X=m
 CONFIG_COMEDI_NI_LABPC_PCI=m
 CONFIG_COMEDI_NI_PCIDIO=m

BKM

CONFIG_COMEDI_NI_PCIMIO=m
CONFIG_COMEDI_RTD520=m
CONFIG_COMEDI_S626=m
CONFIG_COMEDI_MITE=m
CONFIG_COMEDI_NI_TIOCMD=m
CONFIG_COMEDI_PCMCIA_DRIVERS=m
CONFIG_COMEDI_CB_DAS16_CS=m
CONFIG_COMEDI_DAS08_CS=m
CONFIG_COMEDI_NI_DAQ_700_CS=m
CONFIG_COMEDI_NI_DAQ_DIO24_CS=m
CONFIG_COMEDI_NI_LABPC_CS=m
CONFIG_COMEDI_NI_MIO_CS=m
CONFIG_COMEDI_QUATECH_DAQP_CS=m
CONFIG_COMEDI_USB_DRIVERS=m
CONFIG_COMEDI_DT9812=m
CONFIG_COMEDI_NI_USB6501=m
CONFIG_COMEDI_USBDUX=m
CONFIG_COMEDI_USBDUXFAST=m
CONFIG_COMEDI_USBDUXSIGMA=m
CONFIG_COMEDI_VMK80XX=m
CONFIG_COMEDI_8254=m
CONFIG_COMEDI_8255=m
CONFIG_COMEDI_8255_SA=m
CONFIG_COMEDI_KCOMEDILIB=m
CONFIG_COMEDI_AMPLC_DIO200=m
CONFIG_COMEDI_AMPLC_PC236=m
CONFIG_COMEDI_DAS08=m

```
CONFIG_COMEDI_ISADMA=m
CONFIG_COMEDI_NI_LABPC=m
CONFIG_COMEDI_NI_LABPC_ISADMA=m
CONFIG_COMEDI_NI_TIO=m
CONFIG_COMEDI_NI_ROUTING=m
# CONFIG_COMEDI_TESTS is not set
CONFIG_STAGING=y
CONFIG_PRISM2_USB=m
CONFIG_RTLLIB=m
CONFIG_RTLLIB_CRYPT_CCMP=m
CONFIG_RTLLIB_CRYPT_TKIP=m
CONFIG_RTLLIB_CRYPT_WEP=m
CONFIG_RTL8192E=m
CONFIG_RTL8723BS=m
CONFIG_R8712U=m
CONFIG_RTS5208=m
CONFIG_VT6655=m
CONFIG_VT6656=m

#
# IIO staging drivers
#

#
# Accelerometers
#
CONFIG_ADIS16203=m
```

BKM

```
CONFIG_ADIS16240=m
# end of Accelerometers

#
# Analog to digital converters
#
CONFIG_AD7816=m
# end of Analog to digital converters

#
# Analog digital bi-direction converters
#
CONFIG_ADT7316=m
CONFIG_ADT7316_SPI=m
CONFIG_ADT7316_I2C=m
# end of Analog digital bi-direction converters

#
# Direct Digital Synthesis
#
CONFIG_AD9832=m
CONFIG_AD9834=m
# end of Direct Digital Synthesis

#
# Network Analyzer, Impedance Converters
#
```

```
CONFIG_AD5933=m

# end of Network Analyzer, Impedance Converters

# end of IIO staging drivers
```

```
CONFIG_FB_SM750=m

CONFIG_STAGING_MEDIA=y

CONFIG_INTEL_ATOMISP=y

CONFIG_DVB_AV7110_IR=y

CONFIG_DVB_AV7110=m

CONFIG_DVB_AV7110_OSD=y

CONFIG_DVB_BUDGET_PATCH=m

CONFIG_DVB_SP8870=m

CONFIG_VIDEO_IPU3_IMGU=m
```

```
#

# StarFive media platform drivers

#

# CONFIG_STAGING_MEDIA_DEPRECATED is not set

CONFIG_LTE_GDM724X=m

CONFIG_FB_TFT=m

CONFIG_FB_TFT_AGM1264K_FL=m

CONFIG_FB_TFT_BD663474=m

CONFIG_FB_TFT_HX8340BN=m

CONFIG_FB_TFT_HX8347D=m

CONFIG_FB_TFT_HX8353D=m

CONFIG_FB_TFT_HX8357D=m

CONFIG_FB_TFT_ILI9163=m
```

BKM

```

CONFIG_FB_TFT_ILI9320=m
CONFIG_FB_TFT_ILI9325=m
CONFIG_FB_TFT_ILI9340=m
CONFIG_FB_TFT_ILI9341=m
CONFIG_FB_TFT_ILI9481=m
CONFIG_FB_TFT_ILI9486=m
CONFIG_FB_TFT_PCD8544=m
CONFIG_FB_TFT_RA8875=m
CONFIG_FB_TFT_S6D02A1=m
CONFIG_FB_TFT_S6D1121=m
CONFIG_FB_TFT_SEPS525=m
CONFIG_FB_TFT_SH1106=m
CONFIG_FB_TFT_SSD1289=m
CONFIG_FB_TFT_SSD1305=m
CONFIG_FB_TFT_SSD1306=m
CONFIG_FB_TFT_SSD1331=m
CONFIG_FB_TFT_SSD1351=m
CONFIG_FB_TFT_ST7735R=m
CONFIG_FB_TFT_ST7789V=m
CONFIG_FB_TFT_TINYLCD=m
CONFIG_FB_TFT_TLS8204=m
CONFIG_FB_TFT_UC1611=m
CONFIG_FB_TFT_UC1701=m
CONFIG_FB_TFT_UPD161704=m
CONFIG_MOST_COMPONENTS=m
CONFIG_MOST_NET=m
CONFIG_MOST_VIDEO=m

```

```
CONFIG_MOST_I2C=m
CONFIG_KS7010=m
CONFIG_GREYBUS_AUDIO=m
CONFIG_GREYBUS_AUDIO_APB_CODEC=m
CONFIG_GREYBUS_BOOTROM=m
CONFIG_GREYBUS_FIRMWARE=m
CONFIG_GREYBUS_HID=m
CONFIG_GREYBUS_LIGHT=m
CONFIG_GREYBUS_LOG=m
CONFIG_GREYBUS_LOOPBACK=m
CONFIG_GREYBUS_POWER=m
CONFIG_GREYBUS_RAW=m
CONFIG_GREYBUS_VIBRATOR=m
CONFIG_GREYBUS_BRIDGED_PHY=m
CONFIG_GREYBUS_GPIO=m
CONFIG_GREYBUS_I2C=m
CONFIG_GREYBUS_PWM=m
CONFIG_GREYBUS_SDIO=m
CONFIG_GREYBUS_SPI=m
CONFIG_GREYBUS_UART=m
CONFIG_GREYBUS_USB=m
CONFIG_PI433=m
CONFIG_FIELDBUS_DEV=m
CONFIG_VME_BUS=y
```

```
#
```

```
# VME Bridge Drivers
```


BKM

```
#
CONFIG_VME_TSI148=m
CONFIG_VME_FAKE=m

#
# VME Device Drivers
#
CONFIG_VME_USER=m
# CONFIG_GOLDFISH is not set
CONFIG_CHROME_PLATFORMS=y
# CONFIG_CHROMEOS_ACPI is not set
CONFIG_CHROMEOS_LAPTOP=m
CONFIG_CHROMEOS_PSTORE=m
CONFIG_CHROMEOS_TBMC=m
CONFIG_CROS_EC=m
CONFIG_CROS_EC_I2C=m
CONFIG_CROS_EC_ISHTP=m
CONFIG_CROS_EC_SPI=m
# CONFIG_CROS_EC_UART is not set
CONFIG_CROS_EC_LPC=m
CONFIG_CROS_EC_PROTO=y
CONFIG_CROS_KBD_LED_BACKLIGHT=m
CONFIG_CROS_EC_CHARDEV=m
CONFIG_CROS_EC_LIGHTBAR=m
CONFIG_CROS_EC_DEBUGFS=m
CONFIG_CROS_EC_SENSORHUB=m
CONFIG_CROS_EC_SYSFS=m
```

```

CONFIG_CROS_EC_TYPEC=m
# CONFIG_CROS_HPS_I2C is not set
CONFIG_CROS_USBDPD_LOGGER=m
CONFIG_CROS_USBDPD_NOTIFY=m
# CONFIG_CHROMEOS_PRIVACY_SCREEN is not set
CONFIG_CROS_TYPEC_SWITCH=m
CONFIG_WILCO_EC=m
CONFIG_WILCO_EC_DEBUGFS=m
CONFIG_WILCO_EC_EVENTS=m
CONFIG_WILCO_EC_TELEMETRY=m
CONFIG_MELLANOX_PLATFORM=y
CONFIG_MLXREG_HOTPLUG=m
CONFIG_MLXREG_IO=m
# CONFIG_MLXREG_LC is not set
# CONFIG_NVSW_SN2201 is not set
CONFIG_SURFACE_PLATFORMS=y
CONFIG_SURFACE3_WMI=m
CONFIG_SURFACE_3_POWER_OPREGION=m
CONFIG_SURFACE_ACPI_NOTIFY=m
CONFIG_SURFACE_AGGREGATOR_CDEV=m
# CONFIG_SURFACE_AGGREGATOR_HUB is not set
# CONFIG_SURFACE_AGGREGATOR_REGISTRY is not set
# CONFIG_SURFACE_AGGREGATOR_TABLET_SWITCH is not set
# CONFIG_SURFACE_DTX is not set
CONFIG_SURFACE_GPE=m
CONFIG_SURFACE_HOTPLUG=m
CONFIG_SURFACE_PRO3_BUTTON=m

```

BKM

```

CONFIG_SURFACE_AGGREGATOR=m
CONFIG_SURFACE_AGGREGATOR_BUS=y
# CONFIG_SURFACE_AGGREGATOR_ERROR_INJECTION is not set
CONFIG_X86_PLATFORM_DEVICES=y
CONFIG_ACPI_WMI=m
CONFIG_WMI_BMOF=m
CONFIG_HUAWEI_WMI=m
CONFIG_UV_SYSFS=m
CONFIG_MXM_WMI=m
# CONFIG_NVIDIA_WMI_EC_BACKLIGHT is not set
CONFIG_XIAOMI_WMI=m
# CONFIG_GIGABYTE_WMI is not set
# CONFIG_YOGABOOK is not set
CONFIG_ACERHDF=m
CONFIG_ACER_WIRELESS=m
CONFIG_ACER_WMI=m
# CONFIG_AMD_PMF is not set
CONFIG_AMD_PMC=m
# CONFIG_AMD_HSMP is not set
# CONFIG_AMD_WBRF is not set
# CONFIG_ADV_SWBUTTON is not set
CONFIG_APPLE_GMUX=m
CONFIG_ASUS_LAPTOP=m
CONFIG_ASUS_WIRELESS=m
CONFIG_ASUS_WMI=m
CONFIG_ASUS_NB_WMI=m
# CONFIG_ASUS_TF103C_DOCK is not set

```

```
# CONFIG_MERAKI_MX100 is not set

CONFIG_EEEPC_LAPTOP=m

CONFIG_EEEPC_WMI=m

CONFIG_X86_PLATFORM_DRIVERS_DELL=y

CONFIG_ALIENWARE_WMI=m

CONFIG_DCDBAS=m

CONFIG_DELL_LAPTOP=m

CONFIG_DELL_RBU=m

CONFIG_DELL_RBTN=m

CONFIG_DELL_SMBIOS=m

CONFIG_DELL_SMBIOS_WMI=y

CONFIG_DELL_SMBIOS_SMM=y

CONFIG_DELL_SMO8800=m

CONFIG_DELL_WMI=m

# CONFIG_DELL_WMI_PRIVACY is not set

CONFIG_DELL_WMI_AIO=m

CONFIG_DELL_WMI_DESCRIPTOR=m

CONFIG_DELL_WMI_DDVB=m

CONFIG_DELL_WMI_LED=m

CONFIG_DELL_WMI_SYSMAN=m

CONFIG_AMILO_RFKILL=m

CONFIG_FUJITSU_LAPTOP=m

CONFIG_FUJITSU_TABLET=m

CONFIG_GPD_POCKET_FAN=m

# CONFIG_X86_PLATFORM_DRIVERS_HP is not set

# CONFIG_WIRELESS_HOTKEY is not set

CONFIG_IBM_RTL=m
```

BKM

```

CONFIG_IDEAPAD_LAPTOP=m

# CONFIG_LENOVO_YMC is not set

CONFIG_SENSORS_HDAPS=m

CONFIG_THINKPAD_ACPI=m

CONFIG_THINKPAD_ACPI_ALSA_SUPPORT=y

CONFIG_THINKPAD_ACPI_DEBUGFACILITIES=y

# CONFIG_THINKPAD_ACPI_DEBUG is not set

# CONFIG_THINKPAD_ACPI_UNSAFE_LEDS is not set

CONFIG_THINKPAD_ACPI_VIDEO=y

CONFIG_THINKPAD_ACPI_HOTKEY_POLL=y

# CONFIG_THINKPAD_LMI is not set

CONFIG_INTEL_ATOMISP2_PDX86=y

CONFIG_INTEL_ATOMISP2_LED=m

# CONFIG_INTEL_IFS is not set

# CONFIG_INTEL_SAR_INT1092 is not set

# CONFIG_INTEL_SKL_INT3472 is not set

CONFIG_INTEL_PMC_CORE=m

CONFIG_INTEL_PMT_CLASS=m

CONFIG_INTEL_PMT_TELEMETRY=m

CONFIG_INTEL_PMT_CRASHLOG=m


#

# Intel Speed Select Technology interface support

#

CONFIG_INTEL_SPEED_SELECT_INTERFACE=m

# end of Intel Speed Select Technology interface support

```

```

CONFIG_INTEL_TELEMETRY=m

CONFIG_INTEL_WMI=y

CONFIG_INTEL_WMI_SBL_FW_UPDATE=m

CONFIG_INTEL_WMI_THUNDERBOLT=m


#

# Intel Uncore Frequency Control

#

CONFIG_INTEL_UNCORE_FREQ_CONTROL=m

# end of Intel Uncore Frequency Control


CONFIG_INTEL_HID_EVENT=m

CONFIG_INTEL_VBTN=m

CONFIG_INTEL_INT0002_VGPIO=m

CONFIG_INTEL_OAKTRAIL=m

CONFIG_INTEL_BXTWC_PMIC_TMU=m

# CONFIG_INTEL_BYTCRC_PWRSRC is not set

CONFIG_INTEL_CHTDC_TI_PWRBTN=m

# CONFIG_INTEL_CHTWC_INT33FE is not set

# CONFIG_INTEL_ISHTP_ECLITE is not set

CONFIG_INTEL_MRFLD_PWRBTN=m

CONFIG_INTEL_PUNIT_IPC=m

CONFIG_INTEL_RST=m

# CONFIG_INTEL_SDSI is not set

CONFIG_INTEL_SMARTCONNECT=m

# CONFIG_INTEL_TPMI is not set

CONFIG_INTEL_TURBO_MAX_3=y

```

BKM

```

CONFIG_INTEL_VSEC=m
# CONFIG_MSI_EC is not set
CONFIG_MSI_LAPTOP=m
CONFIG_MSI_WMI=m
CONFIG_PCENGINES_APU2=m
# CONFIG_BARCO_P50_GPIO is not set
CONFIG_SAMSUNG_LAPTOP=m
CONFIG_SAMSUNG_Q10=m
CONFIG_ACPI_TOSHIBA=m
CONFIG_TOSHIBA_BT_RFKILL=m
CONFIG_TOSHIBA_HAPS=m
# CONFIG_TOSHIBA_WMI is not set
CONFIG_ACPI_CMPC=m
CONFIG_COMPAL_LAPTOP=m
CONFIG_LG_LAPTOP=m
CONFIG_PANASONIC_LAPTOP=m
CONFIG_SONY_LAPTOP=m
CONFIG_SONYPI_COMPAT=y
CONFIG_SYSTEM76_ACPI=m
CONFIG_TOPSTAR_LAPTOP=m
# CONFIG_SERIAL_MULTI_INSTANTIATE is not set
CONFIG_MLX_PLATFORM=m
CONFIG_TOUCHSCREEN_DMI=y
# CONFIG_INSPUR_PLATFORM_PROFILE is not set
# CONFIG_X86_ANDROID_TABLETS is not set
CONFIG_FW_ATTR_CLASS=m
CONFIG_INTEL_IPS=m

```

```

CONFIG_INTEL_SCU_IPC=y
CONFIG_INTEL_SCU=y
CONFIG_INTEL_SCU_PCI=y
CONFIG_INTEL_SCU_PLATFORM=m
CONFIG_INTEL_SCU_IPC_UTIL=m
# CONFIG_SIEMENS_SIMATIC_IPC is not set
# CONFIG_SILICOM_PLATFORM is not set
# CONFIG_WINMATE_FM07_KEYS is not set
# CONFIG_SEL3350_PLATFORM is not set
CONFIG_P2SB=y
CONFIG_HAVE_CLK=y
CONFIG_HAVE_CLK_PREPARE=y
CONFIG_COMMON_CLK=y
CONFIG_COMMON_CLK_WM831X=m
# CONFIG_LMK04832 is not set
CONFIG_COMMON_CLK_MAX9485=m
CONFIG_COMMON_CLK_SI5341=m
CONFIG_COMMON_CLK_SI5351=m
CONFIG_COMMON_CLK_SI544=m
CONFIG_COMMON_CLK_CDCE706=m
CONFIG_COMMON_CLK_CS2000_CP=m
# CONFIG_CLK_TWL is not set
CONFIG_CLK_TWL6040=m
CONFIG_COMMON_CLK_PALMAS=m
CONFIG_COMMON_CLK_PWM=m
CONFIG_XILINX_VCU=m
CONFIG_HWSPINLOCK=y

```



```
#

# Clock Source drivers

#

CONFIG_CLKEVT_I8253=y

CONFIG_I8253_LOCK=y

CONFIG_CLKBLD_I8253=y

# end of Clock Source drivers


CONFIG_MAILBOX=y

CONFIG_PCC=y

CONFIG_ALTERA_MBOX=m

CONFIG_IOMMU_IOVA=y

CONFIG_IOMMU_API=y

CONFIG_IOMMU_SUPPORT=y


#

# Generic IOMMU Pagetable Support

#

CONFIG_IOMMU_IO_PGTABLE=y

# end of Generic IOMMU Pagetable Support


# CONFIG_IOMMU_DEBUGFS is not set

# CONFIG_IOMMU_DEFAULT_DMA_STRICT is not set

CONFIG_IOMMU_DEFAULT_DMA_LAZY=y

# CONFIG_IOMMU_DEFAULT_PASSTHROUGH is not set

CONFIG_IOMMU_DMA=y
```

```
CONFIG_IOMMU_SVA=y
CONFIG_IOMMU_IOPF=y
CONFIG_AMD_IOMMU=y
CONFIG_DMAR_TABLE=y
CONFIG_INTEL_IOMMU=y
CONFIG_INTEL_IOMMU_SVM=y
# CONFIG_INTEL_IOMMU_DEFAULT_ON is not set
CONFIG_INTEL_IOMMU_FLOPPY_WA=y
# CONFIG_INTEL_IOMMU_SCALABLE_MODE_DEFAULT_ON is not set
CONFIG_INTEL_IOMMU_PERF_EVENTS=y
# CONFIG_IOMMUFD is not set
CONFIG_IRQ_REMAP=y
CONFIG_HYPERV_IOMMU=y
# CONFIG_VIRTIO_IOMMU is not set

#

# Remoteproc drivers
#
CONFIG_REMOTEPROC=y
CONFIG_REMOTEPROC_CDEV=y
# end of Remoteproc drivers

#

# Rpmc drivers
#
CONFIG_RPMMSG=m
CONFIG_RPMMSG_CHAR=m
```

BKM

```
# CONFIG_RPMSG_CTRL is not set

CONFIG_RPMSG_NS=m

CONFIG_RPMSG_QCOM_GLINK=m

CONFIG_RPMSG_QCOM_GLINK_RPM=m

CONFIG_RPMSG_VIRTIO=m

# end of Rpmsg drivers


CONFIG_SOUNDWIRE=m


#

# SoundWire Devices

#

# CONFIG_SOUNDWIRE_AMD is not set

CONFIG_SOUNDWIRE_CADENCE=m

CONFIG_SOUNDWIRE_INTEL=m

CONFIG_SOUNDWIRE_QCOM=m

CONFIG_SOUNDWIRE_GENERIC_ALLOCATION=m


#

# SOC (System On Chip) specific Drivers

#


#

# Amlogic SoC drivers

#

# end of Amlogic SoC drivers
```

```
#  
  
# Broadcom SoC drivers  
  
#  
  
# end of Broadcom SoC drivers  
  
  
#  
  
# NXP/Freescale QorIQ SoC drivers  
  
#  
  
# end of NXP/Freescale QorIQ SoC drivers  
  
  
#  
  
# fujitsu SoC drivers  
  
#  
  
# end of fujitsu SoC drivers  
  
  
#  
  
# i.MX SoC drivers  
  
#  
  
# end of i.MX SoC drivers  
  
  
#  
  
# Enable LiteX SoC Builder specific drivers  
  
#  
  
# end of Enable LiteX SoC Builder specific drivers  
  
  
# CONFIG_WPCM450_SOC is not set
```

BKM

```
#

# Qualcomm SoC drivers

#

# CONFIG_QCOM_PMIC_PDCHARGER_ULOG is not set
CONFIG_QCOM_QMI_HELPERS=m

# CONFIG_QCOM_PBS is not set

# end of Qualcomm SoC drivers


CONFIG_SOC_TI=y


#

# Xilinx SoC drivers

#

# end of Xilinx SoC drivers

# end of SOC (System On Chip) specific Drivers


#

# PM Domains

#


#

# Amlogic PM Domains

#

# end of Amlogic PM Domains


#

# Broadcom PM Domains
```

```
#  
# end of Broadcom PM Domains  
  
#  
# i.MX PM Domains  
#  
# end of i.MX PM Domains  
  
#  
# Qualcomm PM Domains  
#  
# end of Qualcomm PM Domains  
# end of PM Domains  
  
CONFIG_PM_DEVFREQ=y  
  
#  
# DEVFREQ Governors  
#  
CONFIG_DEVFREQ_GOV_SIMPLE_ONDEMAND=y  
CONFIG_DEVFREQ_GOV_PERFORMANCE=y  
CONFIG_DEVFREQ_GOV_POWERSAVE=y  
CONFIG_DEVFREQ_GOV_USERSPACE=y  
CONFIG_DEVFREQ_GOV_PASSIVE=y  
  
#  
# DEVFREQ Drivers
```

BKM

```
#
CONFIG_PM_DEVFREQ_EVENT=y
CONFIG_EXTCON=y

#
# Extcon Device Drivers
#
CONFIG_EXTCON_ADC_JACK=m
CONFIG_EXTCON_AXP288=m
CONFIG_EXTCON_FSA9480=m
CONFIG_EXTCON_GPIO=m
CONFIG_EXTCON_INTEL_INT3496=m
CONFIG_EXTCON_INTEL_CHT_WC=m
CONFIG_EXTCON_INTEL_MRFLD=m
CONFIG_EXTCON_MAX14577=m
CONFIG_EXTCON_MAX3355=m
CONFIG_EXTCON_MAX77693=m
CONFIG_EXTCON_MAX77843=m
CONFIG_EXTCON_MAX8997=m
CONFIG_EXTCON_PALMAS=m
CONFIG_EXTCON_PTN5150=m
CONFIG_EXTCON_RT8973A=m
CONFIG_EXTCON_SM5502=m
CONFIG_EXTCON_USB_GPIO=m
CONFIG_EXTCON_USBC_CROS_EC=m
CONFIG_EXTCON_USBC_TUSB320=m
CONFIG_MEMORY=y
```

```

CONFIG_FPGA_DFL_EMIF=m

CONFIG_IIO=m

CONFIG_IIO_BUFFER=y

CONFIG_IIO_BUFFER_CB=m

CONFIG_IIO_BUFFER_DMA=m

CONFIG_IIO_BUFFER_DMAENGINE=m

CONFIG_IIO_BUFFER_HW_CONSUMER=m

CONFIG_IIO_KFIFO_BUF=m

CONFIG_IIO_TRIGGERED_BUFFER=m

CONFIG_IIO_CONFIGFS=m

CONFIG_IIO_TRIGGER=y

CONFIG_IIO_CONSUMERS_PER_TRIGGER=2

CONFIG_IIO_SW_DEVICE=m

CONFIG_IIO_SW_TRIGGER=m

CONFIG_IIO_TRIGGERED_EVENT=m


#

# Accelerometers

#

CONFIG_ADIS16201=m

CONFIG_ADIS16209=m

# CONFIG_ADXL313_I2C is not set

# CONFIG_ADXL313_SPI is not set

# CONFIG_ADXL355_I2C is not set

# CONFIG_ADXL355_SPI is not set

# CONFIG_ADXL367_SPI is not set

# CONFIG_ADXL367_I2C is not set

```


BKM

```

CONFIG_ADXL372=m
CONFIG_ADXL372_SPI=m
CONFIG_ADXL372_I2C=m
CONFIG_BMA220=m
CONFIG_BMA400=m
CONFIG_BMA400_I2C=m
CONFIG_BMA400_SPI=m
CONFIG_BMC150_ACCEL=m
CONFIG_BMC150_ACCEL_I2C=m
CONFIG_BMC150_ACCEL_SPI=m
# CONFIG_BMI088_ACCEL is not set
CONFIG_DA280=m
CONFIG_DA311=m
# CONFIG_DMARD06 is not set
CONFIG_DMARD09=m
CONFIG_DMARD10=m
# CONFIG_FXLS8962AF_I2C is not set
# CONFIG_FXLS8962AF_SPI is not set
CONFIG_HID_SENSOR_ACCEL_3D=m
CONFIG_IIO_CROS_EC_ACCEL_LEGACY=m
CONFIG_IIO_ST_ACCEL_3AXIS=m
CONFIG_IIO_ST_ACCEL_I2C_3AXIS=m
CONFIG_IIO_ST_ACCEL_SPI_3AXIS=m
# CONFIG_IIO_KX022A_SPI is not set
# CONFIG_IIO_KX022A_I2C is not set
CONFIG_KXSD9=m
CONFIG_KXSD9_SPI=m

```

```

CONFIG_KXSD9_I2C=m
CONFIG_KXCJK1013=m
CONFIG_MC3230=m
CONFIG_MMA7455=m
CONFIG_MMA7455_I2C=m
CONFIG_MMA7455_SPI=m
CONFIG_MMA7660=m
CONFIG_MMA8452=m
CONFIG_MMA9551_CORE=m
CONFIG_MMA9551=m
CONFIG_MMA9553=m
# CONFIG_MSA311 is not set
CONFIG_MXC4005=m
CONFIG_MXC6255=m
CONFIG_SCA3000=m
# CONFIG_SCA3300 is not set
CONFIG_STK8312=m
CONFIG_STK8BA50=m
# end of Accelerometers

#
# Analog to digital converters
#
CONFIG_AD_SIGMA_DELTA=m
# CONFIG_AD4130 is not set
CONFIG_AD7091R=m
CONFIG_AD7091R5=m

```

BKM

```
# CONFIG_AD7091R8 is not set

CONFIG_AD7124=m

CONFIG_AD7192=m

CONFIG_AD7266=m

CONFIG_AD7280=m

CONFIG_AD7291=m

CONFIG_AD7292=m

CONFIG_AD7298=m

CONFIG_AD7476=m

CONFIG_AD7606=m

CONFIG_AD7606_IFACE_PARALLEL=m

CONFIG_AD7606_IFACE_SPI=m

CONFIG_AD7766=m

CONFIG_AD7768_1=m

CONFIG_AD7780=m

CONFIG_AD7791=m

CONFIG_AD7793=m

CONFIG_AD7887=m

CONFIG_AD7923=m

CONFIG_AD7949=m

CONFIG_AD799X=m

# CONFIG_AD9467 is not set

# CONFIG_ADI_AXI_ADC is not set

CONFIG_AXP20X_ADC=m

CONFIG_AXP288_ADC=m

CONFIG_CC10001_ADC=m

CONFIG_DA9150_GPADC=m
```

```

CONFIG_DLN2_ADC=m
# CONFIG_ENVELOPE_DETECTOR is not set
CONFIG_HI8435=m
CONFIG_HX711=m
CONFIG_INA2XX_ADC=m
CONFIG_INTEL_MRFLD_ADC=m
CONFIG_LP8788_ADC=m
# CONFIG_LTC2309 is not set
CONFIG_LTC2471=m
CONFIG_LTC2485=m
CONFIG_LTC2496=m
CONFIG_LTC2497=m
CONFIG_MAX1027=m
CONFIG_MAX11100=m
CONFIG_MAX1118=m
# CONFIG_MAX11205 is not set
# CONFIG_MAX11410 is not set
CONFIG_MAX1241=m
CONFIG_MAX1363=m
# CONFIG_MAX34408 is not set
CONFIG_MAX9611=m
CONFIG_MCP320X=m
CONFIG_MCP3422=m
# CONFIG_MCP3564 is not set
CONFIG_MCP3911=m
CONFIG_MEDIATEK_MT6360_ADC=m
CONFIG_MEN_Z188_ADC=m

```

BKM

```

CONFIG_MP2629_ADC=m
CONFIG_NAU7802=m
# CONFIG_PAC1934 is not set
CONFIG_PALMAS_GPADC=m
CONFIG_QCOM_VADC_COMMON=m
CONFIG_QCOM_SPMI_IADC=m
CONFIG_QCOM_SPMI_VADC=m
CONFIG_QCOM_SPMI_ADC5=m
# CONFIG_RICHTEK_RTQ6056 is not set
# CONFIG_SD_ADC_MODULATOR is not set
CONFIG_TI_ADC081C=m
CONFIG_TI_ADC0832=m
CONFIG_TI_ADC084S021=m
CONFIG_TI_ADC12138=m
CONFIG_TI_ADC108S102=m
CONFIG_TI_ADC128S052=m
CONFIG_TI_ADC161S626=m
CONFIG_TI_ADS1015=m
# CONFIG_TI_ADS7924 is not set
# CONFIG_TI_ADS1100 is not set
# CONFIG_TI_ADS1298 is not set
CONFIG_TI_ADS7950=m
# CONFIG_TI_ADS8344 is not set
# CONFIG_TI_ADS8688 is not set
# CONFIG_TI_ADS124S08 is not set
# CONFIG_TI_ADS131E08 is not set
# CONFIG_TI_LMP92064 is not set

```

```
CONFIG_TI_TLC4541=m
# CONFIG_TI_TSC2046 is not set
CONFIG_TWL4030_MADC=m
CONFIG_TWL6030_GPADC=m
# CONFIG_VF610_ADC is not set
CONFIG_VIPERBOARD_ADC=m
CONFIG_XILINX_XADC=m
# end of Analog to digital converters

#
# Analog to digital and digital to analog converters
#
# CONFIG_AD74115 is not set
# CONFIG_AD74413R is not set
CONFIG_STX104=m
# end of Analog to digital and digital to analog converters

#
# Analog Front Ends
#
# CONFIG_IIO_RESCALE is not set
# end of Analog Front Ends

#
# Amplifiers
#
CONFIG_AD8366=m
```

BKM

```
# CONFIG_ADA4250 is not set

CONFIG_HMC425=m

# end of Amplifiers


#

# Capacitance to digital converters

#

CONFIG_AD7150=m

CONFIG_AD7746=m

# end of Capacitance to digital converters


#

# Chemical Sensors

#

# CONFIG_AOSONG_AGS02MA is not set

CONFIG_ATLAS_PH_SENSOR=m

CONFIG_ATLAS_EZO_SENSOR=m

CONFIG_BME680=m

CONFIG_BME680_I2C=m

CONFIG_BME680_SPI=m

CONFIG_CCS811=m

CONFIG_IAQCORE=m

CONFIG_PMS7003=m

CONFIG_SCD30_CORE=m

CONFIG_SCD30_I2C=m

CONFIG_SCD30_SERIAL=m

# CONFIG_SCD4X is not set
```

```
CONFIG_SENSIRION_SGP30=m

# CONFIG_SENSIRION_SGP40 is not set

# CONFIG_SPS30_I2C is not set

# CONFIG_SPS30_SERIAL is not set

# CONFIG_SENSEAIR_SUNRISE_CO2 is not set

CONFIG_VZ89X=m

# end of Chemical Sensors


CONFIG_IIO_CROS_EC_SENSORS_CORE=m

CONFIG_IIO_CROS_EC_SENSORS=m

CONFIG_IIO_CROS_EC_SENSORS_LID_ANGLE=m


#

# Hid Sensor IIO Common

#

CONFIG_HID_SENSOR_IIO_COMMON=m

CONFIG_HID_SENSOR_IIO_TRIGGER=m

# end of Hid Sensor IIO Common


CONFIG_IIO_INV_SENSORS_TIMESTAMP=m

CONFIG_IIO_MS_SENSORS_I2C=m


#

# IIO SCMI Sensors

#

# end of IIO SCMI Sensors
```


BKM

```
#  
# SSP Sensor Common  
#  
CONFIG_IIO_SSP_SENSORS_COMMONS=m  
CONFIG_IIO_SSP_SENSORHUB=m  
# end of SSP Sensor Common  
  
CONFIG_IIO_ST_SENSORS_I2C=m  
CONFIG_IIO_ST_SENSORS_SPI=m  
CONFIG_IIO_ST_SENSORS_CORE=m  
  
#  
# Digital to analog converters  
#  
# CONFIG_AD3552R is not set  
CONFIG_AD5064=m  
CONFIG_AD5360=m  
CONFIG_AD5380=m  
CONFIG_AD5421=m  
CONFIG_AD5446=m  
CONFIG_AD5449=m  
CONFIG_AD5592R_BASE=m  
CONFIG_AD5592R=m  
CONFIG_AD5593R=m  
CONFIG_AD5504=m  
CONFIG_AD5624R_SPI=m  
# CONFIG_LTC2688 is not set
```

```

CONFIG_AD5686=m
CONFIG_AD5686_SPI=m
CONFIG_AD5696_I2C=m
CONFIG_AD5755=m
CONFIG_AD5758=m
CONFIG_AD5761=m
CONFIG_AD5764=m
CONFIG_AD5766=m
CONFIG_AD5770R=m
CONFIG_AD5791=m
# CONFIG_AD7293 is not set
CONFIG_AD7303=m
CONFIG_AD8801=m
CONFIG_CIO_DAC=m
# CONFIG_DPOT_DAC is not set
CONFIG_DS4424=m
CONFIG_LTC1660=m
CONFIG_LTC2632=m
CONFIG_M62332=m
CONFIG_MAX517=m
# CONFIG_MAX5522 is not set
# CONFIG_MAX5821 is not set
CONFIG_MCP4725=m
# CONFIG_MCP4728 is not set
# CONFIG_MCP4821 is not set
CONFIG_MCP4922=m
CONFIG_TI_DAC082S085=m

```

BKM

```

CONFIG_TI_DAC5571=m
CONFIG_TI_DAC7311=m
CONFIG_TI_DAC7612=m
# CONFIG_VF610_DAC is not set
# end of Digital to analog converters

#
# IIO dummy driver
#
CONFIG_IIO_SIMPLE_DUMMY=m
# CONFIG_IIO_SIMPLE_DUMMY_EVENTS is not set
# CONFIG_IIO_SIMPLE_DUMMY_BUFFER is not set
# end of IIO dummy driver

#
# Filters
#
# CONFIG_ADMV8818 is not set
# end of Filters

#
# Frequency Synthesizers DDS/PLL
#

#
# Clock Generator/Distribution
#

```

```

CONFIG_AD9523=m
# end of Clock Generator/Distribution

#
# Phase-Locked Loop (PLL) frequency synthesizers
#
CONFIG_ADF4350=m
CONFIG_ADF4371=m
# CONFIG_ADF4377 is not set
# CONFIG_ADMFM2000 is not set
# CONFIG_ADMV1013 is not set
# CONFIG_ADMV1014 is not set
# CONFIG_ADMV4420 is not set
# CONFIG_ADRF6780 is not set
# end of Phase-Locked Loop (PLL) frequency synthesizers
# end of Frequency Synthesizers DDS/PLL

#
# Digital gyroscope sensors
#
CONFIG_ADIS16080=m
CONFIG_ADIS16130=m
CONFIG_ADIS16136=m
CONFIG_ADIS16260=m
CONFIG_ADXRS290=m
CONFIG_ADXRS450=m
CONFIG_BMG160=m

```

BKM

```

CONFIG_BMG160_I2C=m
CONFIG_BMG160_SPI=m
CONFIG_FXAS21002C=m
CONFIG_FXAS21002C_I2C=m
CONFIG_FXAS21002C_SPI=m
CONFIG_HID_SENSOR_GYRO_3D=m
CONFIG_MPU3050=m
CONFIG_MPU3050_I2C=m
CONFIG_IIO_ST_GYRO_3AXIS=m
CONFIG_IIO_ST_GYRO_I2C_3AXIS=m
CONFIG_IIO_ST_GYRO_SPI_3AXIS=m
CONFIG_ITG3200=m
# end of Digital gyroscope sensors

#
# Health Sensors
#

#
# Heart Rate Monitors
#
CONFIG_AFE4403=m
CONFIG_AFE4404=m
CONFIG_MAX30100=m
CONFIG_MAX30102=m
# end of Heart Rate Monitors
# end of Health Sensors

```

```
#

# Humidity sensors

#

CONFIG_AM2315=m

CONFIG_DHT11=m

CONFIG_HDC100X=m

CONFIG_HDC2010=m

# CONFIG_HDC3020 is not set

CONFIG_HID_SENSOR_HUMIDITY=m

CONFIG_HTS221=m

CONFIG_HTS221_I2C=m

CONFIG_HTS221_SPI=m

CONFIG_HTU21=m

CONFIG_SI7005=m

CONFIG_SI7020=m

# end of Humidity sensors


#

# Inertial measurement units

#

CONFIG_ADIS16400=m

CONFIG_ADIS16460=m

CONFIG_ADIS16475=m

CONFIG_ADIS16480=m

CONFIG_BMI160=m

CONFIG_BMI160_I2C=m
```

BKM

```

CONFIG_BMI160_SPI=m

# CONFIG_BMI323_I2C is not set

# CONFIG_BMI323_SPI is not set

# CONFIG_BOSCH_BNO055_SERIAL is not set

# CONFIG_BOSCH_BNO055_I2C is not set

CONFIG_FXOS8700=m

CONFIG_FXOS8700_I2C=m

CONFIG_FXOS8700_SPI=m

CONFIG_KMX61=m

CONFIG_INV_ICM42600=m

CONFIG_INV_ICM42600_I2C=m

CONFIG_INV_ICM42600_SPI=m

CONFIG_INV_MPU6050_IIO=m

CONFIG_INV_MPU6050_I2C=m

CONFIG_INV_MPU6050_SPI=m

CONFIG_IIO_ST_LSM6DSX=m

CONFIG_IIO_ST_LSM6DSX_I2C=m

CONFIG_IIO_ST_LSM6DSX_SPI=m

CONFIG_IIO_ST_LSM6DSX_I3C=m

# CONFIG_IIO_ST_LSM9DS0 is not set

# end of Inertial measurement units


CONFIG_IIO_ADIS_LIB=m

CONFIG_IIO_ADIS_LIB_BUFFER=y


#

# Light sensors

```

```
#
CONFIG_ACPI_ALS=m
CONFIG_ADJD_S311=m
CONFIG_ADUX1020=m
CONFIG_AL3010=m
CONFIG_AL3320A=m
CONFIG_APDS9300=m
CONFIG_APDS9960=m
CONFIG_AS73211=m
CONFIG_BH1750=m
CONFIG_BH1780=m
CONFIG_CM32181=m
CONFIG_CM3232=m
CONFIG_CM3323=m
# CONFIG_CM3605 is not set
CONFIG_CM36651=m
CONFIG_IIO_CROS_EC_LIGHT_PROX=m
CONFIG_GP2AP002=m
CONFIG_GP2AP020A00F=m
CONFIG_IQS621_ALS=m
CONFIG_SENSORS_ISL29018=m
CONFIG_SENSORS_ISL29028=m
CONFIG_ISL29125=m
# CONFIG_ISL76682 is not set
CONFIG_HID_SENSOR_ALS=m
CONFIG_HID_SENSOR_PROX=m
CONFIG_JSA1212=m
```


BKM

```
# CONFIG_ROHM_BU27008 is not set
# CONFIG_ROHM_BU27034 is not set
CONFIG_RPR0521=m
CONFIG_SENSORS_LM3533=m
# CONFIG_LTR390 is not set
CONFIG_LTR501=m
# CONFIG_LTRF216A is not set
CONFIG_LV0104CS=m
CONFIG_MAX44000=m
CONFIG_MAX44009=m
CONFIG_NOA1305=m
CONFIG_OPT3001=m
# CONFIG_OPT4001 is not set
CONFIG_PA12203001=m
CONFIG_SI1133=m
CONFIG_SI1145=m
CONFIG_STK3310=m
CONFIG_ST_UVIS25=m
CONFIG_ST_UVIS25_I2C=m
CONFIG_ST_UVIS25_SPI=m
CONFIG_TCS3414=m
CONFIG_TCS3472=m
CONFIG_SENSORS_TSL2563=m
CONFIG_TSL2583=m
# CONFIG_TSL2591 is not set
CONFIG_TSL2772=m
CONFIG_TSL4531=m
```

```

CONFIG_US5182D=m

CONFIG_VCNL4000=m

CONFIG_VCNL4035=m

CONFIG_VEML6030=m

CONFIG_VEML6070=m

# CONFIG_VEML6075 is not set

CONFIG_VL6180=m

CONFIG_ZOPT2201=m

# end of Light sensors


#

# Magnetometer sensors

#

# CONFIG_AK8974 is not set

CONFIG_AK8975=m

CONFIG_AK09911=m

CONFIG_BMC150_MAGN=m

CONFIG_BMC150_MAGN_I2C=m

CONFIG_BMC150_MAGN_SPI=m

CONFIG_MAG3110=m

CONFIG_HID_SENSOR_MAGNETOMETER_3D=m

CONFIG_MMC35240=m

CONFIG_IIO_ST_MAGN_3AXIS=m

CONFIG_IIO_ST_MAGN_I2C_3AXIS=m

CONFIG_IIO_ST_MAGN_SPI_3AXIS=m

CONFIG_SENSORS_HMC5843=m

CONFIG_SENSORS_HMC5843_I2C=m

```

BKM

```

CONFIG_SENSORS_HMC5843_SPI=m
CONFIG_SENSORS_RM3100=m
CONFIG_SENSORS_RM3100_I2C=m
CONFIG_SENSORS_RM3100_SPI=m
# CONFIG_TI_TMAG5273 is not set
CONFIG_YAMAHA_YAS530=m
# end of Magnetometer sensors

#

# Multiplexers

#

# CONFIG_IIO_MUX is not set
# end of Multiplexers

#

# Inclinometer sensors

#

CONFIG_HID_SENSOR_INCLINOMETER_3D=m
CONFIG_HID_SENSOR_DEVICE_ROTATION=m
# end of Inclinometer sensors

#

# Triggers - standalone

#

CONFIG_IIO_HRTIMER_TRIGGER=m
CONFIG_IIO_INTERRUPT_TRIGGER=m
CONFIG_IIO_TIGHTLOOP_TRIGGER=m

```

```
CONFIG_IIO_SYSFS_TRIGGER=m
# end of Triggers - standalone

#
# Linear and angular position sensors
#
CONFIG_IQS624_POS=m
CONFIG_HID_SENSOR_CUSTOM_INTEL_HINGE=m
# end of Linear and angular position sensors

#
# Digital potentiometers
#
# CONFIG_AD5110 is not set
CONFIG_AD5272=m
CONFIG_DS1803=m
CONFIG_MAX5432=m
CONFIG_MAX5481=m
CONFIG_MAX5487=m
CONFIG_MCP4018=m
CONFIG_MCP4131=m
CONFIG_MCP4531=m
CONFIG_MCP41010=m
CONFIG_TPL0102=m
# CONFIG_X9250 is not set
# end of Digital potentiometers
```

BKM

```
#
# Digital potentiostats
#
CONFIG_LMP91000=m
# end of Digital potentiostats

#
# Pressure sensors
#
CONFIG_ABP060MG=m
# CONFIG_ROHM_BM1390 is not set
CONFIG_BMP280=m
CONFIG_BMP280_I2C=m
CONFIG_BMP280_SPI=m
CONFIG_IIO_CROS_EC_BARO=m
CONFIG_DLHL60D=m
CONFIG_DPS310=m
CONFIG_HID_SENSOR_PRESS=m
CONFIG_HP03=m
# CONFIG_HSC030PA is not set
CONFIG_ICP10100=m
CONFIG_MPL115=m
CONFIG_MPL115_I2C=m
CONFIG_MPL115_SPI=m
CONFIG_MPL3115=m
# CONFIG_MPRLS0025PA is not set
CONFIG_MS5611=m
```

```
CONFIG_MS5611_I2C=m
CONFIG_MS5611_SPI=m
CONFIG_MS5637=m
CONFIG_IIO_ST_PRESS=m
CONFIG_IIO_ST_PRESS_I2C=m
CONFIG_IIO_ST_PRESS_SPI=m
CONFIG_T5403=m
CONFIG_HP206C=m
CONFIG_ZPA2326=m
CONFIG_ZPA2326_I2C=m
CONFIG_ZPA2326_SPI=m
# end of Pressure sensors

#
# Lightning sensors
#
CONFIG_AS3935=m
# end of Lightning sensors

#
# Proximity and distance sensors
#
# CONFIG_CROS_EC_MKBP_PROXIMITY is not set
# CONFIG_IRSD200 is not set
CONFIG_ISL29501=m
CONFIG_LIDAR_LITE_V2=m
CONFIG_MB1232=m
```

BKM

```

CONFIG_PING=m

CONFIG_RFD77402=m

CONFIG_SRF04=m

CONFIG_SX_COMMON=m

CONFIG_SX9310=m

# CONFIG_SX9324 is not set

# CONFIG_SX9360 is not set

CONFIG_SX9500=m

CONFIG_SRF08=m

CONFIG_VCNL3020=m

CONFIG_VL53L0X_I2C=m

# end of Proximity and distance sensors


#

# Resolver to digital converters

#

CONFIG_AD2S90=m

CONFIG_AD2S1200=m

CONFIG_AD2S1210=m

# end of Resolver to digital converters


#

# Temperature sensors

#

CONFIG_IQS620AT_TEMP=m

CONFIG_LTC2983=m

CONFIG_MAXIM_THERMOCOUPLE=m

```

CONFIG_HID_SENSOR_TEMP=m

CONFIG_MLX90614=m

CONFIG_MLX90632=m

CONFIG_MLX90635 is not set

CONFIG_TMP006=m

CONFIG_TMP007=m

CONFIG_TMP117 is not set

CONFIG_TSYS01=m

CONFIG_TSYS02D=m

CONFIG_MAX30208 is not set

CONFIG_MAX31856=m

CONFIG_MAX31865 is not set

CONFIG_MCP9600 is not set

end of Temperature sensors

CONFIG NTB=m

CONFIG_NTB_MSI=y

CONFIG_NTB_AMD is not set

CONFIG_NTB_IDT=m

CONFIG_NTB_INTEL=m

CONFIG_NTB_EPF=m

CONFIG_NTB_SWITCHTEC=m

CONFIG_NTB_PINGPONG=m

CONFIG_NTB_TOOL=m

CONFIG_NTB_PERF=m

CONFIG_NTB_MSI_TEST is not set

CONFIG_NTB_TRANSPORT=m

BKM

```

CONFIG_PWM=y
CONFIG_PWM_SYSFS=y
# CONFIG_PWM_DEBUG is not set
# CONFIG_PWM_CLK is not set
CONFIG_PWM_CRC=y
CONFIG_PWM_CROS_EC=m
CONFIG_PWM_DWC_CORE=m
CONFIG_PWM_DWC=m
CONFIG_PWM_IQS620A=m
CONFIG_PWM_LP3943=m
CONFIG_PWM_LPSS=y
CONFIG_PWM_LPSS_PCI=y
CONFIG_PWM_LPSS_PLATFORM=y
CONFIG_PWM_PCA9685=m
CONFIG_PWM_TWL=m
CONFIG_PWM_TWL_LED=m

#
# IRQ chip support
#
CONFIG_MADERA_IRQ=m
# end of IRQ chip support

CONFIG_IPACK_BUS=m
CONFIG_BOARD_TPCI200=m
CONFIG_SERIAL_IPOCTAL=m
CONFIG_RESET_CONTROLLER=y

```

```
# CONFIG_RESET_GPIO is not set

# CONFIG_RESET_SIMPLE is not set

CONFIG_RESET_TI_SYSCON=m

# CONFIG_RESET_TI_TPS380X is not set


#

# PHY Subsystem

#

CONFIG_GENERIC_PHY=y

CONFIG_GENERIC_PHY_MIPI_DPHY=y

CONFIG_USB_LGM_PHY=m

# CONFIG_PHY_CAN_TRANSCEIVER is not set


#

# PHY drivers for Broadcom platforms

#

CONFIG_BCM_KONA_USB2_PHY=m

# end of PHY drivers for Broadcom platforms


CONFIG_PHY_PXA_28NM_HSIC=m

CONFIG_PHY_PXA_28NM_USB2=m

CONFIG_PHY_CPCAP_USB=m

CONFIG_PHY_QCOM_USB_HS=m

CONFIG_PHY_QCOM_USB_HSIC=m

CONFIG_PHY_SAMSUNG_USB2=m

CONFIG_PHY_TUSB1210=m

CONFIG_PHY_INTEL_LGM_EMMC=m
```

BKM

```
# end of PHY Subsystem

CONFIG_POWERCAP=y
CONFIG_INTEL_RAPL_CORE=m
CONFIG_INTEL_RAPL=m
CONFIG_IDLE_INJECT=y
CONFIG_MCB=m
CONFIG_MCB_PCI=m
CONFIG_MCB_LPC=m

#
# Performance monitor support
#
# CONFIG_DWC_PCIE_PMU is not set
# CONFIG_CXL_PMU is not set
# end of Performance monitor support

CONFIG_RAS=y
CONFIG_RAS_CEC=y
# CONFIG_RAS_CEC_DEBUG is not set
CONFIG_AMD_ATL=m
CONFIG_RAS_FMPM=m
CONFIG_USB4=m
# CONFIG_USB4_DEBUGFS_WRITE is not set
# CONFIG_USB4_DMA_TEST is not set

#
```

```
# Android

#

# CONFIG_ANDROID_BINDER_IPC is not set

# end of Android


CONFIG_LIBNVDIMM=y

CONFIG_BLK_DEV_PMEM=m

CONFIG_ND_CLAIM=y

CONFIG_ND_BTT=m

CONFIG_BTT=y

CONFIG_ND_PFN=m

CONFIG_NVDIMM_PFN=y

CONFIG_NVDIMM_DAX=y

CONFIG_NVDIMM_KEYS=y

# CONFIG_NVDIMM_SECURITY_TEST is not set

CONFIG_DAX=y

CONFIG_DEV_DAX=m

CONFIG_DEV_DAX_PMEM=m

CONFIG_DEV_DAX_HMEM=m

CONFIG_DEV_DAX_CXL=m

CONFIG_DEV_DAX_HMEM_DEVICES=y

CONFIG_DEV_DAX_KMEM=m

CONFIG_NVMEM=y

CONFIG_NVMEM_SYSFS=y

# CONFIG_NVMEM_LAYOUTS is not set

# CONFIG_NVMEM_RAVE_SP_EEPROM is not set

CONFIG_NVMEM_RMEM=m
```

BKM

```

CONFIG_NVMEM_SPMI_SDAM=m

#
# HW tracing support
#
CONFIG_STM=m
CONFIG_STM_PROTO_BASIC=m
CONFIG_STM_PROTO_SYS_T=m
CONFIG_STM_DUMMY=m
CONFIG_STM_SOURCE_CONSOLE=m
CONFIG_STM_SOURCE_HEARTBEAT=m
CONFIG_STM_SOURCE_FTRACE=m
CONFIG_INTEL_TH=m
CONFIG_INTEL_TH_PCI=m
CONFIG_INTEL_TH_ACPI=m
CONFIG_INTEL_TH_GTH=m
CONFIG_INTEL_TH_STH=m
CONFIG_INTEL_TH_MSU=m
CONFIG_INTEL_TH_PTI=m
# CONFIG_INTEL_TH_DEBUG is not set
# end of HW tracing support

CONFIG_FPGA=m
CONFIG_ALTERA_PR_IP_CORE=m
CONFIG_FPGA_MGR_ALTERA_PS_SPI=m
CONFIG_FPGA_MGR_ALTERA_CVP=m
CONFIG_FPGA_MGR_XILINX_SPI=m

```

```

CONFIG_FPGA_MGR_MACHXO2_SPI=m
CONFIG_FPGA_BRIDGE=m
CONFIG_ALTERA_FREEZE_BRIDGE=m
CONFIG_XILINX_PR_DECOUPLER=m
CONFIG_FPGA_REGION=m
CONFIG_FPGA_DFL=m
CONFIG_FPGA_DFL_FME=m
CONFIG_FPGA_DFL_FME_MGR=m
CONFIG_FPGA_DFL_FME_BRIDGE=m
CONFIG_FPGA_DFL_FME_REGION=m
CONFIG_FPGA_DFL_AFU=m
CONFIG_FPGA_DFL_NIOS_INTEL_PAC_N3000=m
CONFIG_FPGA_DFL_PCI=m
# CONFIG_FPGA_MGR_MICROCHIP_SPI is not set
# CONFIG_FPGA_MGR_LATTICE_SYSCONFIG_SPI is not set
CONFIG_TEE=m
CONFIG_AMDTEE=m
CONFIG_MULTIPLEXER=m

#
# Multiplexer drivers
#
CONFIG_MUX_ADG792A=m
CONFIG_MUX_ADGS1408=m
CONFIG_MUX_GPIO=m
# end of Multiplexer drivers

```

BKM

```

CONFIG_PM_OPP=y
CONFIG_SIOX=m
CONFIG_SIOX_BUS_GPIO=m
CONFIG_SLIMBUS=m
CONFIG_SLIM_QCOM_CTRL=m
CONFIG_INTERCONNECT=y
CONFIG_I8254=m
CONFIG_COUNTER=m
CONFIG_104_QUAD_8=m
# CONFIG_INTEL_QEP is not set
# CONFIG_INTERRUPT_CNT is not set
CONFIG_MOST=m
CONFIG_MOST_USB_HDM=m
CONFIG_MOST_CDEV=m
# CONFIG_MOST_SND is not set
# CONFIG_PECI is not set
# CONFIG_HTE is not set
CONFIG_DPLL=y
# end of Device Drivers

#
# File systems
#
CONFIG_DCACHE_WORD_ACCESS=y
CONFIG_VALIDATE_FS_PARSER=y
CONFIG_FS_IOMAP=y
CONFIG_FS_STACK=y

```

```
CONFIG_BUFFER_HEAD=y
CONFIG_LEGACY_DIRECT_IO=y
# CONFIG_EXT2_FS is not set
# CONFIG_EXT3_FS is not set
CONFIG_EXT4_FS=y
CONFIG_EXT4_USE_FOR_EXT2=y
CONFIG_EXT4_FS_POSIX_ACL=y
CONFIG_EXT4_FS_SECURITY=y
# CONFIG_EXT4_DEBUG is not set
CONFIG_JBD2=y
# CONFIG_JBD2_DEBUG is not set
CONFIG_FS_MBCACHE=y
CONFIG_REISERFS_FS=m
# CONFIG_REISERFS_CHECK is not set
# CONFIG_REISERFS_PROC_INFO is not set
CONFIG_REISERFS_FS_XATTR=y
CONFIG_REISERFS_FS_POSIX_ACL=y
CONFIG_REISERFS_FS_SECURITY=y
CONFIG_JFS_FS=m
CONFIG_JFS_POSIX_ACL=y
CONFIG_JFS_SECURITY=y
# CONFIG_JFS_DEBUG is not set
CONFIG_JFS_STATISTICS=y
CONFIG_XFS_FS=m
CONFIG_XFS_SUPPORT_V4=y
CONFIG_XFS_SUPPORT_ASCII_CI=y
CONFIG_XFS_QUOTA=y
```


BKM

```

CONFIG_XFS_POSIX_ACL=y

CONFIG_XFS_RT=y

# CONFIG_XFS_ONLINE_SCRUB is not set

# CONFIG_XFS_WARN is not set

# CONFIG_XFS_DEBUG is not set

CONFIG_GFS2_FS=m

CONFIG_GFS2_FS_LOCKING_DLM=y

CONFIG_OCFS2_FS=m

CONFIG_OCFS2_FS_O2CB=m

CONFIG_OCFS2_FS_USERSPACE_CLUSTER=m

CONFIG_OCFS2_FS_STATS=y

CONFIG_OCFS2_DEBUG_MASKLOG=y

# CONFIG_OCFS2_DEBUG_FS is not set

CONFIG_BTRFS_FS=m

CONFIG_BTRFS_FS_POSIX_ACL=y

# CONFIG_BTRFS_FS_RUN_SANITY_TESTS is not set

# CONFIG_BTRFS_DEBUG is not set

# CONFIG_BTRFS_ASSERT is not set

# CONFIG_BTRFS_FS_REF_VERIFY is not set

CONFIG NILFS2_FS=m

CONFIG_F2FS_FS=m

CONFIG_F2FS_STAT_FS=y

CONFIG_F2FS_FS_XATTR=y

CONFIG_F2FS_FS_POSIX_ACL=y

CONFIG_F2FS_FS_SECURITY=y

# CONFIG_F2FS_CHECK_FS is not set

# CONFIG_F2FS_FAULT_INJECTION is not set

```

```
CONFIG_F2FS_FS_COMPRESSION=y
CONFIG_F2FS_FS_LZO=y
CONFIG_F2FS_FS_LZORLE=y
CONFIG_F2FS_FS_LZ4=y
CONFIG_F2FS_FS_LZ4HC=y
CONFIG_F2FS_FS_ZSTD=y
CONFIG_F2FS_IOSTAT=y
# CONFIG_F2FS_UNFAIR_RWSEM is not set
# CONFIG_BCACHEFS_FS is not set
CONFIG_ZONEFS_FS=m
CONFIG_FS_DAX=y
CONFIG_FS_DAX_PMD=y
CONFIG_FS_POSIX_ACL=y
CONFIG_EXPORTFS=y
CONFIG_EXPORTFS_BLOCK_OPS=y
CONFIG_FILE_LOCKING=y
CONFIG_FS_ENCRYPTION=y
CONFIG_FS_ENCRYPTION_ALGS=y
CONFIG_FS_ENCRYPTION_INLINE_CRYPT=y
CONFIG_FS_VERITY=y
CONFIG_FS_VERITY_BUILTIN_SIGNATURES=y
CONFIG_FSNOTIFY=y
CONFIG_DNOTIFY=y
CONFIG_INOTIFY_USER=y
CONFIG_FANOTIFY=y
CONFIG_FANOTIFY_ACCESS_PERMISSIONS=y
CONFIG_QUOTA=y
```

BKM

```

CONFIG_QUOTA_NETLINK_INTERFACE=y
# CONFIG_QUOTA_DEBUG is not set
CONFIG_QUOTA_TREE=m
CONFIG_QFMT_V1=m
CONFIG_QFMT_V2=m
CONFIG_QUOTACTL=y
CONFIG_AUTOFS_FS=m
CONFIG_FUSE_FS=y
CONFIG_CUSE=m
CONFIG_VIRTIO_FS=m
CONFIG_FUSE_DAX=y
CONFIG_FUSE_PASSTHROUGH=y
CONFIG_OVERLAY_FS=m
# CONFIG_OVERLAY_FS_REDIRECT_DIR is not set
CONFIG_OVERLAY_FS_REDIRECT_ALWAYS_FOLLOW=y
# CONFIG_OVERLAY_FS_INDEX is not set
CONFIG_OVERLAY_FS_XINO_AUTO=y
# CONFIG_OVERLAY_FS_METACOPY is not set
# CONFIG_OVERLAY_FS_DEBUG is not set

#
# Caches
#
CONFIG_NETFS_SUPPORT=m
CONFIG_NETFS_STATS=y
CONFIG_FSCACHE=y
CONFIG_FSCACHE_STATS=y

```

```
# CONFIG_FSCACHE_DEBUG is not set

CONFIG_CACHEFILES=m

# CONFIG_CACHEFILES_DEBUG is not set

# CONFIG_CACHEFILES_ERROR_INJECTION is not set

# CONFIG_CACHEFILES_ONDEMAND is not set

# end of Caches


#

# CD-ROM/DVD Filesystems

#

CONFIG_ISO9660_FS=m

CONFIG_JOLIET=y

CONFIG_ZISOFS=y

CONFIG_UDF_FS=m

# end of CD-ROM/DVD Filesystems


#

# DOS/FAT/EXFAT/NT Filesystems

#

CONFIG_FAT_FS=y

CONFIG_MSDOS_FS=m

CONFIG_VFAT_FS=y

CONFIG_FAT_DEFAULT_CODEPAGE=437

CONFIG_FAT_DEFAULT_IOCHARSET="iso8859-1"

# CONFIG_FAT_DEFAULT_UTF8 is not set

CONFIG_EXFAT_FS=m

CONFIG_EXFAT_DEFAULT_IOCHARSET="utf8"
```

BKM

```

CONFIG_NTFS3_FS=m

# CONFIG_NTFS3_64BIT_CLUSTER is not set

# CONFIG_NTFS3_LZX_XPRESS is not set

# CONFIG_NTFS3_FS_POSIX_ACL is not set

CONFIG_NTFS_FS=m

# end of DOS/FAT/EXFAT/NT Filesystems


#

# Pseudo filesystems

#

CONFIG_PROC_FS=y

CONFIG_PROC_KCORE=y

CONFIG_PROC_VMCORE=y

CONFIG_PROC_VMCORE_DEVICE_DUMP=y

CONFIG_PROC_SYSCTL=y

CONFIG_PROC_PAGE_MONITOR=y

CONFIG_PROC_CHILDREN=y

CONFIG_PROC_PID_ARCH_STATUS=y

CONFIG_PROC_CPU_RESCTRL=y

CONFIG_KERNFS=y

CONFIG_SYSFS=y

CONFIG_TMPFS=y

CONFIG_TMPFS_POSIX_ACL=y

CONFIG_TMPFS_XATTR=y

CONFIG_TMPFS_INODE64=y

# CONFIG_TMPFS_QUOTA is not set

CONFIG_HUGETLBFS=y

```

```
# CONFIG_HUGETLB_PAGE_OPTIMIZE_VMEMMAP_DEFAULT_ON is not set
CONFIG_HUGETLB_PAGE=y
CONFIG_HUGETLB_PAGE_OPTIMIZE_VMEMMAP=y
CONFIG_ARCH_HAS_GIGANTIC_PAGE=y
CONFIG_CONFIGFS_FS=y
CONFIG_EFIVAR_FS=y
# end of Pseudo filesystems

CONFIG_MISC_FILESYSTEMS=y
CONFIG_ORANGEFS_FS=m
CONFIG_ADFS_FS=m
# CONFIG_ADFS_FS_RW is not set
CONFIG_AFFS_FS=m
CONFIG_ECRYPT_FS=y
CONFIG_ECRYPT_FS_MESSAGING=y
CONFIG_HFS_FS=m
CONFIG_HFSPLUS_FS=m
CONFIG_BEFS_FS=m
# CONFIG_BEFS_DEBUG is not set
CONFIG_BFS_FS=m
CONFIG_EFS_FS=m
CONFIG_JFFS2_FS=m
CONFIG_JFFS2_FS_DEBUG=0
CONFIG_JFFS2_FS_WRITEBUFFER=y
# CONFIG_JFFS2_FS_WBUF_VERIFY is not set
# CONFIG_JFFS2_SUMMARY is not set
CONFIG_JFFS2_FS_XATTR=y
```

BKM

```

CONFIG_JFFS2_FS_POSIX_ACL=y
CONFIG_JFFS2_FS_SECURITY=y
CONFIG_JFFS2_COMPRESSION_OPTIONS=y
CONFIG_JFFS2_ZLIB=y
CONFIG_JFFS2_LZO=y
CONFIG_JFFS2_RUNTIME=y
# CONFIG_JFFS2_RUBIN is not set
# CONFIG_JFFS2_CMODE_NONE is not set
# CONFIG_JFFS2_CMODE_PRIORITY is not set
# CONFIG_JFFS2_CMODE_SIZE is not set
CONFIG_JFFS2_CMODE_FAVOURLZO=y
CONFIG_UBIFS_FS=m
# CONFIG_UBIFS_FS_ADVANCED_COMPR is not set
CONFIG_UBIFS_FS_LZO=y
CONFIG_UBIFS_FS_ZLIB=y
CONFIG_UBIFS_FS_ZSTD=y
# CONFIG_UBIFS_ETIME_SUPPORT is not set
CONFIG_UBIFS_FS_XATTR=y
CONFIG_UBIFS_FS_SECURITY=y
CONFIG_UBIFS_FS_AUTHENTICATION=y
CONFIG_CRAMFS=m
CONFIG_CRAMFS_BLOCKDEV=y
CONFIG_CRAMFS_MTD=y
CONFIG_SQUASHFS=y
# CONFIG_SQUASHFS_FILE_CACHE is not set
CONFIG_SQUASHFS_FILE_DIRECT=y
CONFIG_SQUASHFS_DECOMP_SINGLE=y

```

```
# CONFIG_SQUASHFS_CHOICE_DECOMP_BY_MOUNT is not set
CONFIG_SQUASHFS_COMPILE_DECOMP_SINGLE=y
# CONFIG_SQUASHFS_COMPILE_DECOMP_MULTI is not set
# CONFIG_SQUASHFS_COMPILE_DECOMP_MULTI_PERCPU is not set
CONFIG_SQUASHFS_XATTR=y
CONFIG_SQUASHFS_ZLIB=y
CONFIG_SQUASHFS_LZ4=y
CONFIG_SQUASHFS_LZO=y
CONFIG_SQUASHFS_XZ=y
CONFIG_SQUASHFS_ZSTD=y
# CONFIG_SQUASHFS_4K_DEVBLK_SIZE is not set
# CONFIG_SQUASHFS_EMBEDDED is not set
CONFIG_SQUASHFS_FRAGMENT_CACHE_SIZE=3
CONFIG_VXFS_FS=m
CONFIG_MINIX_FS=m
CONFIG_OMFS_FS=m
CONFIG_HPFS_FS=m
CONFIG_QNX4FS_FS=m
CONFIG_QNX6FS_FS=m
# CONFIG_QNX6FS_DEBUG is not set
CONFIG_ROMFS_FS=m
CONFIG_ROMFS_BACKED_BY_BLOCK=y
# CONFIG_ROMFS_BACKED_BY_MTD is not set
# CONFIG_ROMFS_BACKED_BY_BOTH is not set
CONFIG_ROMFS_ON_BLOCK=y
CONFIG_PSTORE=y
CONFIG_PSTORE_DEFAULT_KMSG_BYTES=10240
```


BKM

```

CONFIG_PSTORE_COMPRESS=y
# CONFIG_PSTORE_CONSOLE is not set
# CONFIG_PSTORE_PMSG is not set
# CONFIG_PSTORE_FTRACE is not set
CONFIG_PSTORE_RAM=m
CONFIG_PSTORE_ZONE=m
CONFIG_PSTORE_BLK=m
CONFIG_PSTORE_BLK_BLKDEV=""
CONFIG_PSTORE_BLK_KMSG_SIZE=64
CONFIG_PSTORE_BLK_MAX_REASON=2
CONFIG_SYSV_FS=m
CONFIG_UFS_FS=m
# CONFIG_UFS_FS_WRITE is not set
# CONFIG_UFS_DEBUG is not set
CONFIG_EROF_FS=m
# CONFIG_EROF_FS_DEBUG is not set
CONFIG_EROF_FS_XATTR=y
CONFIG_EROF_FS_POSIX_ACL=y
CONFIG_EROF_FS_SECURITY=y
CONFIG_EROF_FS_ZIP=y
# CONFIG_EROF_FS_ZIP_LZMA is not set
# CONFIG_EROF_FS_ZIP_DEFLATE is not set
# CONFIG_EROF_FS_ONDEMAND is not set
# CONFIG_EROF_FS_PCPU_KTHREAD is not set
CONFIG_VBOXSF_FS=m
CONFIG_NETWORK_FILESYSTEMS=y
CONFIG_NFS_FS=m

```

```
CONFIG_NFS_V2=m
CONFIG_NFS_V3=m
CONFIG_NFS_V3_ACL=y
CONFIG_NFS_V4=m
CONFIG_NFS_SWAP=y
CONFIG_NFS_V4_1=y
CONFIG_NFS_V4_2=y
CONFIG_PNFS_FILE_LAYOUT=m
CONFIG_PNFS_BLOCK=m
CONFIG_PNFS_FLEXFILE_LAYOUT=m
CONFIG_NFS_V4_1_IMPLEMENTATION_ID_DOMAIN="kernel.org"
CONFIG_NFS_V4_1_MIGRATION=y
CONFIG_NFS_V4_SECURITY_LABEL=y
CONFIG_NFS_FSCACHE=y
# CONFIG_NFS_USE_LEGACY_DNS is not set
CONFIG_NFS_USE_KERNEL_DNS=y
CONFIG_NFS_DEBUG=y
CONFIG_NFS_DISABLE_UDP_SUPPORT=y
# CONFIG_NFS_V4_2_READ_PLUS is not set
CONFIG_NFSD=m
# CONFIG_NFSD_V2 is not set
CONFIG_NFSD_V3_ACL=y
CONFIG_NFSD_V4=y
CONFIG_NFSD_PNFS=y
CONFIG_NFSD_BLOCKLAYOUT=y
CONFIG_NFSD_SCSILAYOUT=y
CONFIG_NFSD_FLEXFILELAYOUT=y
```

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```

CONFIG_NFSD_V4_2_INTER_SSC=y
CONFIG_NFSD_V4_SECURITY_LABEL=y
# CONFIG_NFSD_LEGACY_CLIENT_TRACKING is not set
CONFIG_GRACE_PERIOD=m
CONFIG_LOCKD=m
CONFIG_LOCKD_V4=y
CONFIG_NFS_ACL_SUPPORT=m
CONFIG_NFS_COMMON=y
CONFIG_NFS_V4_2_SSC_HELPER=y
CONFIG_SUNRPC=m
CONFIG_SUNRPC_GSS=m
CONFIG_SUNRPC_BACKCHANNEL=y
CONFIG_SUNRPC_SWAP=y
CONFIG_RPCSEC_GSS_KRB5=m
CONFIG_RPCSEC_GSS_KRB5_ENCTYPES_AES_SHA1=y
# CONFIG_RPCSEC_GSS_KRB5_ENCTYPES_CAMELLIA is not set
# CONFIG_RPCSEC_GSS_KRB5_ENCTYPES_AES_SHA2 is not set
CONFIG_SUNRPC_DEBUG=y
CONFIG_SUNRPC_XPRT_RDMA=m
CONFIG_CEPH_FS=m
CONFIG_CEPH_FSCACHE=y
CONFIG_CEPH_FS_POSIX_ACL=y
CONFIG_CEPH_FS_SECURITY_LABEL=y
CONFIG_CIFS=m
# CONFIG_CIFS_STATS2 is not set
CONFIG_CIFS_ALLOW_INSECURE_LEGACY=y
CONFIG_CIFS_UPCALL=y

```

```
CONFIG_CIFS_XATTR=y
CONFIG_CIFS_POSIX=y
CONFIG_CIFS_DEBUG=y
# CONFIG_CIFS_DEBUG2 is not set
# CONFIG_CIFS_DEBUG_DUMP_KEYS is not set
CONFIG_CIFS_DFS_UPCALL=y
CONFIG_CIFS_SWN_UPCALL=y
# CONFIG_CIFS_SMB_DIRECT is not set
CONFIG_CIFS_FSCACHE=y
# CONFIG_SMB_SERVER is not set
CONFIG_SMBFS=m
CONFIG_CODA_FS=m
CONFIG_AFS_FS=m
# CONFIG_AFS_DEBUG is not set
CONFIG_AFS_FSCACHE=y
# CONFIG_AFS_DEBUG_CURSOR is not set
CONFIG_9P_FS=m
CONFIG_9P_FSCACHE=y
CONFIG_9P_FS_POSIX_ACL=y
CONFIG_9P_FS_SECURITY=y
CONFIG_NLS=y
CONFIG_NLS_DEFAULT="utf8"
CONFIG_NLS_CODEPAGE_437=y
CONFIG_NLS_CODEPAGE_737=m
CONFIG_NLS_CODEPAGE_775=m
CONFIG_NLS_CODEPAGE_850=m
CONFIG_NLS_CODEPAGE_852=m
```

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CONFIG_NLS_CODEPAGE_855=m
CONFIG_NLS_CODEPAGE_857=m
CONFIG_NLS_CODEPAGE_860=m
CONFIG_NLS_CODEPAGE_861=m
CONFIG_NLS_CODEPAGE_862=m
CONFIG_NLS_CODEPAGE_863=m
CONFIG_NLS_CODEPAGE_864=m
CONFIG_NLS_CODEPAGE_865=m
CONFIG_NLS_CODEPAGE_866=m
CONFIG_NLS_CODEPAGE_869=m
CONFIG_NLS_CODEPAGE_936=m
CONFIG_NLS_CODEPAGE_950=m
CONFIG_NLS_CODEPAGE_932=m
CONFIG_NLS_CODEPAGE_949=m
CONFIG_NLS_CODEPAGE_874=m
CONFIG_NLS_ISO8859_8=m
CONFIG_NLS_CODEPAGE_1250=m
CONFIG_NLS_CODEPAGE_1251=m
CONFIG_NLS_ASCII=m
CONFIG_NLS_ISO8859_1=m
CONFIG_NLS_ISO8859_2=m
CONFIG_NLS_ISO8859_3=m
CONFIG_NLS_ISO8859_4=m
CONFIG_NLS_ISO8859_5=m
CONFIG_NLS_ISO8859_6=m
CONFIG_NLS_ISO8859_7=m
CONFIG_NLS_ISO8859_9=m

```
CONFIG-NLS_ISO8859_13=m
CONFIG-NLS_ISO8859_14=m
CONFIG-NLS_ISO8859_15=m
CONFIG-NLS_KOI8_R=m
CONFIG-NLS_KOI8_U=m
CONFIG-NLS_MAC_ROMAN=m
CONFIG-NLS_MAC_CELTIC=m
CONFIG-NLS_MAC_CENTEURO=m
CONFIG-NLS_MAC_CROATIAN=m
CONFIG-NLS_MAC_CYRILLIC=m
CONFIG-NLS_MAC_GAELIC=m
CONFIG-NLS_MAC_GREEK=m
CONFIG-NLS_MAC_ICELAND=m
CONFIG-NLS_MAC_INUIT=m
CONFIG-NLS_MAC_ROMANIAN=m
CONFIG-NLS_MAC_TURKISH=m
CONFIG-NLS_UTF8=m
CONFIG-NLS_UCS2_UTILS=m
CONFIG_DLM=m
# CONFIG_DLM_DEBUG is not set
CONFIG_UNICODE=y
# CONFIG_UNICODE_NORMALIZATION_SELFTEST is not set
CONFIG_IO_WQ=y
# end of File systems

#
# Security options
```

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```
#
CONFIG_KEYS=y
CONFIG_KEYS_REQUEST_CACHE=y
CONFIG_PERSISTENT_KEYRINGS=y
CONFIG_TRUSTED_KEYS=y
CONFIG_TRUSTED_KEYS_TPM=y
CONFIG_ENCRYPTED_KEYS=y
# CONFIG_USER_DECRYPTED_DATA is not set
CONFIG_KEY_DH_OPERATIONS=y
CONFIG_KEY_NOTIFICATIONS=y
CONFIG_SECURITY_DMESG_RESTRICT=y
CONFIG_SECURITY=y
CONFIG_SECURITYFS=y
CONFIG_SECURITY_NETWORK=y
CONFIG_SECURITY_INFINIBAND=y
CONFIG_SECURITY_NETWORK_XFRM=y
CONFIG_SECURITY_PATH=y
CONFIG_INTEL_TXT=y
CONFIG_LSM_MMAP_MIN_ADDR=0
CONFIG_HARDENED_USERCOPY=y
CONFIG_FORTIFY_SOURCE=y
# CONFIG_STATIC_USERMODEHELPER is not set
CONFIG_SECURITY_SELINUX=y
CONFIG_SECURITY_SELINUX_BOOTPARAM=y
CONFIG_SECURITY_SELINUX_DEVELOP=y
CONFIG_SECURITY_SELINUX_AVC_STATS=y
CONFIG_SECURITY_SELINUX_SIDTAB_HASH_BITS=9
```

```
CONFIG_SECURITY_SELINUX_SID2STR_CACHE_SIZE=256
# CONFIG_SECURITY_SELINUX_DEBUG is not set
CONFIG_SECURITY_SMACK=y
# CONFIG_SECURITY_SMACK_BRINGUP is not set
CONFIG_SECURITY_SMACK_NETFILTER=y
CONFIG_SECURITY_SMACK_APPEND_SIGNALS=y
CONFIG_SECURITY_TOMOYO=y
CONFIG_SECURITY_TOMOYO_MAX_ACCEPT_ENTRY=2048
CONFIG_SECURITY_TOMOYO_MAX_AUDIT_LOG=1024
# CONFIG_SECURITY_TOMOYO_OMIT_USERSPACE_LOADER is not set
CONFIG_SECURITY_TOMOYO_POLICY_LOADER="/sbin/tomoyo-init"
CONFIG_SECURITY_TOMOYO_ACTIVATION_TRIGGER="/sbin/init"
# CONFIG_SECURITY_TOMOYO_INSECURE_BUILTIN_SETTING is not set
CONFIG_SECURITY_APPARMOR=y
# CONFIG_SECURITY_APPARMOR_DEBUG is not set
CONFIG_SECURITY_APPARMOR_INTROSPECT_POLICY=y
CONFIG_SECURITY_APPARMOR_HASH=y
CONFIG_SECURITY_APPARMOR_HASH_DEFAULT=y
CONFIG_SECURITY_APPARMOR_EXPORT_BINARY=y
CONFIG_SECURITY_APPARMOR_PARANOID_LOAD=y
# CONFIG_SECURITY_LOADPIN is not set
CONFIG_SECURITY_YAMA=y
CONFIG_SECURITY_SAFESSETID=y
CONFIG_SECURITY_LOCKDOWN_LSM=y
CONFIG_SECURITY_LOCKDOWN_LSM_EARLY=y
CONFIG_LOCK_DOWN_KERNEL_FORCE_NONE=y
# CONFIG_LOCK_DOWN_KERNEL_FORCE_INTEGRITY is not set
```


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```
# CONFIG_LOCK_DOWN_KERNEL_FORCE_CONFIDENTIALITY is not set

# CONFIG_SECURITY_LANDLOCK is not set

CONFIG_INTEGRITY=y

CONFIG_INTEGRITY_SIGNATURE=y

CONFIG_INTEGRITY_ASYMMETRIC_KEYS=y

CONFIG_INTEGRITY_TRUSTED_KEYRING=y

CONFIG_INTEGRITY_PLATFORM_KEYRING=y

# CONFIG_INTEGRITY_MACHINE_KEYRING is not set

CONFIG_LOAD_UEFI_KEYS=y

CONFIG_INTEGRITY_AUDIT=y

CONFIG_IMA=y

# CONFIG_IMA_KEXEC is not set

CONFIG_IMA_MEASURE_PCR_IDX=10

CONFIG_IMA_LSM_RULES=y

CONFIG_IMA_NG_TEMPLATE=y

# CONFIG_IMA_SIG_TEMPLATE is not set

CONFIG_IMA_DEFAULT_TEMPLATE="ima-ng"

CONFIG_IMA_DEFAULT_HASH_SHA1=y

# CONFIG_IMA_DEFAULT_HASH_SHA256 is not set

# CONFIG_IMA_DEFAULT_HASH_SHA512 is not set

CONFIG_IMA_DEFAULT_HASH="sha1"

# CONFIG_IMA_WRITE_POLICY is not set

# CONFIG_IMA_READ_POLICY is not set

CONFIG_IMA_APPRAISE=y

# CONFIG_IMA_ARCH_POLICY is not set

# CONFIG_IMA_APPRAISE_BUILD_POLICY is not set

CONFIG_IMA_APPRAISE_BOOTPARAM=y
```

```
CONFIG_IMA_APPRAISE_MODSIG=y
# CONFIG_IMA_KEYRINGS_PERMIT_SIGNED_BY_BUILTIN_OR_SECONDARY is not set
# CONFIG_IMA_BLACKLIST_KEYRING is not set
# CONFIG_IMA_LOAD_X509 is not set
CONFIG_IMA_MEASURE_ASYMMETRIC_KEYS=y
CONFIG_IMA_QUEUE_EARLY_BOOT_KEYS=y
# CONFIG_IMA_SECURE_AND_OR_TRUSTED_BOOT is not set
# CONFIG_IMA_DISABLE_HTABLE is not set
CONFIG_EVM=y
CONFIG_EVM_ATTR_FSUID=y
CONFIG_EVM_EXTRA_SMACK_XATTRS=y
CONFIG_EVM_ADD_XATTRS=y
# CONFIG_EVM_LOAD_X509 is not set
# CONFIG_DEFAULT_SECURITY_SELINUX is not set
# CONFIG_DEFAULT_SECURITY_SMACK is not set
# CONFIG_DEFAULT_SECURITY_TOMOYO is not set
CONFIG_DEFAULT_SECURITY_APPARMOR=y
# CONFIG_DEFAULT_SECURITY_DAC is not set
CONFIG_LSM="lockdown,yama,integrity,apparmor"

#

# Kernel hardening options

#

#

# Memory initialization

#
```

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```

CONFIG_INIT_STACK_NONE=y

CONFIG_INIT_ON_ALLOC_DEFAULT_ON=y

# CONFIG_INIT_ON_FREE_DEFAULT_ON is not set

# end of Memory initialization


#

# Hardening of kernel data structures

#

# CONFIG_LIST_HARDENED is not set

# CONFIG_BUG_ON_DATA_CORRUPTION is not set

# end of Hardening of kernel data structures


CONFIG_RANDSTRUCT_NONE=y

# end of Kernel hardening options

# end of Security options


CONFIG_XOR_BLOCKS=m

CONFIG_ASYNC_CORE=m

CONFIG_ASYNC_MEMCPY=m

CONFIG_ASYNC_XOR=m

CONFIG_ASYNC_PQ=m

CONFIG_ASYNC_RAID6_RECOV=m

CONFIG_CRYPTOTO=y


#

# Crypto core or helper

#

```

```

CONFIG_CRYPTO_ALGAPI=y
CONFIG_CRYPTO_ALGAPI2=y
CONFIG_CRYPTO_AEAD=y
CONFIG_CRYPTO_AEAD2=y
CONFIG_CRYPTO_SIG2=y
CONFIG_CRYPTO_SKCIPHER=y
CONFIG_CRYPTO_SKCIPHER2=y
CONFIG_CRYPTO_HASH=y
CONFIG_CRYPTO_HASH2=y
CONFIG_CRYPTO_RNG=y
CONFIG_CRYPTO_RNG2=y
CONFIG_CRYPTO_RNG_DEFAULT=y
CONFIG_CRYPTO_AKCIPHER2=y
CONFIG_CRYPTO_AKCIPHER=y
CONFIG_CRYPTO_KPP2=y
CONFIG_CRYPTO_KPP=y
CONFIG_CRYPTO_ACOMP2=y
CONFIG_CRYPTO_MANAGER=y
CONFIG_CRYPTO_MANAGER2=y
CONFIG_CRYPTO_USER=m
CONFIG_CRYPTO_MANAGER_DISABLE_TESTS=y
CONFIG_CRYPTO_NULL=y
CONFIG_CRYPTO_NULL2=y
CONFIG_CRYPTO_PCRYPT=m
CONFIG_CRYPTO_CRYPTD=m
CONFIG_CRYPTO_AUTHENC=m
CONFIG_CRYPTO_TEST=m

```

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```

CONFIG_CRYPT0_SIMD=m

CONFIG_CRYPT0_ENGINE=m

# end of Crypto core or helper


#

# Public-key cryptography

#

CONFIG_CRYPT0_RSA=y

CONFIG_CRYPT0_DH=y

# CONFIG_CRYPT0_DH_RFC7919_GROUPS is not set

CONFIG_CRYPT0_ECC=m

CONFIG_CRYPT0_ECDH=m

# CONFIG_CRYPT0_ECDSA is not set

CONFIG_CRYPT0_ECRDSA=m

CONFIG_CRYPT0_SM2=m

CONFIG_CRYPT0_CURVE25519=m

# end of Public-key cryptography


#

# Block ciphers

#

CONFIG_CRYPT0_AES=y

CONFIG_CRYPT0_AES_TI=m

# CONFIG_CRYPT0_ARIA is not set

CONFIG_CRYPT0_BLOWFISH=m

CONFIG_CRYPT0_BLOWFISH_COMMON=m

CONFIG_CRYPT0_CAMELLIA=m

```

```

CONFIG_CRYPTOCAST_COMMON=m

CONFIG_CRYPTOCAST5=m

CONFIG_CRYPTOCAST6=m

CONFIG_CRYPTODES=m

CONFIG_CRYPTOFCRYPT=m

CONFIG_CRYPTOSERPENT=m

# CONFIG_CRYPTOSM4_GENERIC is not set

CONFIG_CRYPTOTWOFISH=m

CONFIG_CRYPTOTWOFISH_COMMON=m

# end of Block ciphers


#

# Length-preserving ciphers and modes

#

CONFIG_CRYPTOADIANTUM=m

CONFIG_CRYPTOCHACHA20=m

CONFIG_CRYPTOCBC=y

CONFIG_CRYPTOCTR=y

CONFIG_CRYPTOCTS=y

CONFIG_CRYPTOECB=y

# CONFIG_CRYPTOHCTR2 is not set

CONFIG_CRYPTOKEYWRAP=m

CONFIG_CRYPTOLRW=m

CONFIG_CRYPTOPCBC=m

CONFIG_CRYPTOXTS=y

CONFIG_CRYPTONHPOLY1305=m

# end of Length-preserving ciphers and modes

```

```
#

# AEAD (authenticated encryption with associated data) ciphers

#

CONFIG_CRYPT0_AEGIS128=m

CONFIG_CRYPT0_CHACHA20POLY1305=m

CONFIG_CRYPT0_CCM=m

CONFIG_CRYPT0_GCM=y

CONFIG_CRYPT0_GENIV=y

CONFIG_CRYPT0_SEQIV=y

CONFIG_CRYPT0_ECHAINIV=m

CONFIG_CRYPT0_ESSIV=m

# end of AEAD (authenticated encryption with associated data) ciphers


#

# Hashes, digests, and MACs

#

CONFIG_CRYPT0_BLAKE2B=m

CONFIG_CRYPT0_CMAC=m

CONFIG_CRYPT0_GHASH=y

CONFIG_CRYPT0_HMAC=y

CONFIG_CRYPT0_MD4=m

CONFIG_CRYPT0_MD5=y

CONFIG_CRYPT0_MICHAEL_MIC=m

CONFIG_CRYPT0_POLY1305=m

CONFIG_CRYPT0_RMD160=m

CONFIG_CRYPT0_SHA1=y
```

```
CONFIG_CRYPT_SHA256=y
CONFIG_CRYPT_SHA512=y
CONFIG_CRYPT_SHA3=y
CONFIG_CRYPT_SM3=m
# CONFIG_CRYPT_SM3_GENERIC is not set
CONFIG_CRYPT_STREEBOG=m
CONFIG_CRYPT_VMAC=m
CONFIG_CRYPT_WP512=m
CONFIG_CRYPT_XCBC=m
CONFIG_CRYPT_XXHASH=m
# end of Hashes, digests, and MACs

#
# CRCs (cyclic redundancy checks)
#
CONFIG_CRYPT_CRC32C=y
CONFIG_CRYPT_CRC32=m
CONFIG_CRYPT_CRCT10DIF=y
CONFIG_CRYPT_CRC64_ROCKSOFT=y
# end of CRCs (cyclic redundancy checks)

#
# Compression
#
CONFIG_CRYPT_DEFLATE=y
CONFIG_CRYPT_LZO=y
CONFIG_CRYPT_842=m
```


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```

CONFIG_CRYPTOLZ4=m
CONFIG_CRYPTOLZ4HC=m
CONFIG_CRYPTOZSTD=m
# end of Compression

#
# Random number generation
#
CONFIG_CRYPTO_ANSI_CPRNG=m
CONFIG_CRYPTO_DRBG_MENU=y
CONFIG_CRYPTO_DRBG_HMAC=y
CONFIG_CRYPTO_DRBG_HASH=y
CONFIG_CRYPTO_DRBG_CTR=y
CONFIG_CRYPTO_DRBG=y
CONFIG_CRYPTO_JITTERENTROPY=y
CONFIG_CRYPTO_JITTERENTROPY_MEMORY_BLOCKS=64
CONFIG_CRYPTO_JITTERENTROPY_MEMORY_BLOCKSIZE=32
CONFIG_CRYPTO_JITTERENTROPY_OSR=1
CONFIG_CRYPTO_KDF800108_CTR=y
# end of Random number generation

#
# Userspace interface
#
CONFIG_CRYPTO_USER_API=m
CONFIG_CRYPTO_USER_API_HASH=m
CONFIG_CRYPTO_USER_API_SKCIPHER=m

```

```

CONFIG_CRYPT_USER_API_RNG=m

# CONFIG_CRYPT_USER_API_RNG_CAVP is not set

CONFIG_CRYPT_USER_API_AEAD=m

# CONFIG_CRYPT_USER_API_ENABLE_OBSOLETE is not set

CONFIG_CRYPT_STATS=y

# end of Userspace interface


CONFIG_CRYPT_HASH_INFO=y


#

# Accelerated Cryptographic Algorithms for CPU (x86)

#

CONFIG_CRYPT_CURVE25519_X86=m

CONFIG_CRYPT_AES_NI_INTEL=m

CONFIG_CRYPT_BLOWFISH_X86_64=m

CONFIG_CRYPT_CAMELLIA_X86_64=m

CONFIG_CRYPT_CAMELLIA_AESNI_AVX_X86_64=m

CONFIG_CRYPT_CAMELLIA_AESNI_AVX2_X86_64=m

CONFIG_CRYPT_CAST5_AVX_X86_64=m

CONFIG_CRYPT_CAST6_AVX_X86_64=m

CONFIG_CRYPT_DES3_EDE_X86_64=m

CONFIG_CRYPT_SERPENT_SSE2_X86_64=m

CONFIG_CRYPT_SERPENT_AVX_X86_64=m

CONFIG_CRYPT_SERPENT_AVX2_X86_64=m

# CONFIG_CRYPT_SM4_AESNI_AVX_X86_64 is not set

# CONFIG_CRYPT_SM4_AESNI_AVX2_X86_64 is not set

CONFIG_CRYPT_TWOFISH_X86_64=m

```

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```

CONFIG_CRYPT0_TWOFISH_X86_64_3WAY=m
CONFIG_CRYPT0_TWOFISH_AVX_X86_64=m
# CONFIG_CRYPT0_ARIA_AESNI_AVX_X86_64 is not set
# CONFIG_CRYPT0_ARIA_AESNI_AVX2_X86_64 is not set
# CONFIG_CRYPT0_ARIA_GFNI_AVX512_X86_64 is not set
CONFIG_CRYPT0_CHACHA20_X86_64=m
CONFIG_CRYPT0_AEGIS128_AESNI_SSE2=m
CONFIG_CRYPT0_NHPOLY1305_SSE2=m
CONFIG_CRYPT0_NHPOLY1305_AVX2=m
CONFIG_CRYPT0_BLAKE2S_X86=y
# CONFIG_CRYPT0_POLYVAL_CLMUL_NI is not set
CONFIG_CRYPT0_POLY1305_X86_64=m
CONFIG_CRYPT0_SHA1_SSSE3=m
CONFIG_CRYPT0_SHA256_SSSE3=m
CONFIG_CRYPT0_SHA512_SSSE3=m
# CONFIG_CRYPT0_SM3_AVX_X86_64 is not set
CONFIG_CRYPT0_GHASH_CLMUL_NI_INTEL=m
CONFIG_CRYPT0_CRC32C_INTEL=y
CONFIG_CRYPT0_CRC32_PCLMUL=m
CONFIG_CRYPT0_CRCT10DIF_PCLMUL=m
# end of Accelerated Cryptographic Algorithms for CPU (x86)

CONFIG_CRYPT0_HW=y
CONFIG_CRYPT0_DEV_PADLOCK=y
CONFIG_CRYPT0_DEV_PADLOCK_AES=m
CONFIG_CRYPT0_DEV_PADLOCK_SHA=m
CONFIG_CRYPT0_DEV_ATMEL_I2C=m

```

```

CONFIG_CRYPTODEV_ATMEL_ECC=m
CONFIG_CRYPTODEV_ATMEL_SHA204A=m
CONFIG_CRYPTODEV_CCP=y
CONFIG_CRYPTODEV_CCP_DD=m
CONFIG_CRYPTODEV_SP_CCP=y
CONFIG_CRYPTODEV_CCP_CRYPTOMATH=m
CONFIG_CRYPTODEV_SP_PSP=y
# CONFIG_CRYPTODEV_CCP_DEBUGFS is not set
CONFIG_CRYPTODEV_NITROX=m
CONFIG_CRYPTODEV_NITROX_CNN55XX=m
CONFIG_CRYPTODEV_QAT=m
CONFIG_CRYPTODEV_QAT_DH895xCC=m
CONFIG_CRYPTODEV_QAT_C3XXX=m
CONFIG_CRYPTODEV_QAT_C62X=m
CONFIG_CRYPTODEV_QAT_4XXX=m
# CONFIG_CRYPTODEV_QAT_420XX is not set
CONFIG_CRYPTODEV_QAT_DH895xCCVF=m
CONFIG_CRYPTODEV_QAT_C3XXXVF=m
CONFIG_CRYPTODEV_QAT_C62XVF=m
# CONFIG_CRYPTODEV_QAT_ERROR_INJECTION is not set
# CONFIG_CRYPTODEV_IAA_CRYPTOMATH is not set
CONFIG_CRYPTODEV_CHELSIO=m
CONFIG_CRYPTODEV_VIRTIO=m
CONFIG_CRYPTODEV_SAFEXCEL=m
CONFIG_CRYPTODEV_AMLOGIC_GXL=m
# CONFIG_CRYPTODEV_AMLOGIC_GXL_DEBUG is not set
CONFIG_CRYPTO_KEY_TYPE=y

```

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```

CONFIG_ASYMMETRIC_PUBLIC_KEY_SUBTYPE=y

CONFIG_X509_CERTIFICATE_PARSER=y

CONFIG_PKCS8_PRIVATE_KEY_PARSER=m

CONFIG_PKCS7_MESSAGE_PARSER=y

CONFIG_PKCS7_TEST_KEY=m

CONFIG_SIGNED_PE_FILE_VERIFICATION=y

# CONFIG_FIPS_SIGNATURE_SELFTEST is not set

#

# Certificates for signature checking

#

CONFIG_MODULE_SIG_KEY="certs/signing_key.pem"

CONFIG_MODULE_SIG_KEY_TYPE_RSA=y

# CONFIG_MODULE_SIG_KEY_TYPE_ECDSA is not set

CONFIG_SYSTEM_TRUSTED_KEYRING=y

CONFIG_SYSTEM_TRUSTED_KEYS=""

CONFIG_SYSTEM_EXTRA_CERTIFICATE=y

CONFIG_SYSTEM_EXTRA_CERTIFICATE_SIZE=4096

CONFIG_SECONDARY_TRUSTED_KEYRING=y

# CONFIG_SECONDARY_TRUSTED_KEYRING_SIGNED_BY_BUILTIN is not set

CONFIG_SYSTEM_BLACKLIST_KEYRING=y

CONFIG_SYSTEM_BLACKLIST_HASH_LIST=""

# CONFIG_SYSTEM_REVOCATION_LIST is not set

# CONFIG_SYSTEM_BLACKLIST_AUTH_UPDATE is not set

# end of Certificates for signature checking

CONFIG_BINARY_PRINTF=y

```

```
#  
  
# Library routines  
  
#  
  
CONFIG_RAID6_PQ=m  
CONFIG_RAID6_PQ_BENCHMARK=y  
CONFIG_LINEAR_RANGES=y  
CONFIG_PACKING=y  
CONFIG_BITREVERSE=y  
CONFIG_GENERIC_STRNCPY_FROM_USER=y  
CONFIG_GENERIC_STRNLEN_USER=y  
CONFIG_GENERIC_NET_UTILS=y  
CONFIG_CORDIC=m  
# CONFIG_PRIME_NUMBERS is not set  
CONFIG_RATIONAL=y  
CONFIG_GENERIC_IOMAP=y  
CONFIG_ARCH_USE_CMPXCHG_LOCKREF=y  
CONFIG_ARCH_HAS_FAST_MULTIPLIER=y  
CONFIG_ARCH_USE_SYM_ANNOTATIONS=y  
  
#  
  
# Crypto library routines  
  
#  
  
CONFIG_CRYPTO_LIB_UTILS=y  
CONFIG_CRYPTO_LIB_AES=y  
CONFIG_CRYPTO_LIB_ARC4=m  
CONFIG_CRYPTO_LIB_GF128MUL=y
```

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```

CONFIG_CRYPTO_ARCH_HAVE_LIB_BLAKE2S=y
CONFIG_CRYPTO_LIB_BLAKE2S_GENERIC=y
CONFIG_CRYPTO_ARCH_HAVE_LIB_CHACHA=m
CONFIG_CRYPTO_LIB_CHACHA_GENERIC=m
CONFIG_CRYPTO_LIB_CHACHA=m
CONFIG_CRYPTO_ARCH_HAVE_LIB_CURVE25519=m
CONFIG_CRYPTO_LIB_CURVE25519_GENERIC=m
CONFIG_CRYPTO_LIB_CURVE25519=m
CONFIG_CRYPTO_LIB_DES=m
CONFIG_CRYPTO_LIB_POLY1305_RSIZE=11
CONFIG_CRYPTO_ARCH_HAVE_LIB_POLY1305=m
CONFIG_CRYPTO_LIB_POLY1305_GENERIC=m
CONFIG_CRYPTO_LIB_POLY1305=m
CONFIG_CRYPTO_LIB_CHACHA20POLY1305=m
CONFIG_CRYPTO_LIB_SHA1=y
CONFIG_CRYPTO_LIB_SHA256=y
# end of Crypto library routines

```

```

CONFIG_CRC_CCITT=y
CONFIG_CRC16=y
CONFIG_CRC_T10DIF=y
CONFIG_CRC64_ROCKSOFT=y
CONFIG_CRC_ITU_T=m
CONFIG_CRC32=y
# CONFIG_CRC32_SELFTEST is not set
CONFIG_CRC32_SLICEBY8=y
# CONFIG_CRC32_SLICEBY4 is not set

```

```
# CONFIG_CRC32_SARWATE is not set
# CONFIG_CRC32_BIT is not set
CONFIG_CRC64=y
CONFIG_CRC4=m
CONFIG_CRC7=m
CONFIG_LIBCRC32C=m
CONFIG_CRC8=m
CONFIG_XXHASH=y
# CONFIG_RANDOM32_SELFTEST is not set
CONFIG_842_COMPRESS=m
CONFIG_842_DECOMPRESS=m
CONFIG_ZLIB_INFLATE=y
CONFIG_ZLIB_DEFLATE=y
CONFIG_LZO_COMPRESS=y
CONFIG_LZO_DECOMPRESS=y
CONFIG_LZ4_COMPRESS=m
CONFIG_LZ4HC_COMPRESS=m
CONFIG_LZ4_DECOMPRESS=y
CONFIG_ZSTD_COMMON=y
CONFIG_ZSTD_COMPRESS=y
CONFIG_ZSTD_DECOMPRESS=y
CONFIG_XZ_DEC=y
CONFIG_XZ_DEC_X86=y
CONFIG_XZ_DEC_POWERPC=y
CONFIG_XZ_DEC_ARM=y
CONFIG_XZ_DEC_ARMTHUMB=y
CONFIG_XZ_DEC_SPARC=y
```


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```
# CONFIG_XZ_DEC_MICROLZMA is not set
CONFIG_XZ_DEC_BCJ=y
CONFIG_XZ_DEC_TEST=m
CONFIG_DECOMPRESS_GZIP=y
CONFIG_DECOMPRESS_BZIP2=y
CONFIG_DECOMPRESS_LZMA=y
CONFIG_DECOMPRESS_XZ=y
CONFIG_DECOMPRESS_LZO=y
CONFIG_DECOMPRESS_LZ4=y
CONFIG_DECOMPRESS_ZSTD=y
CONFIG_GENERIC_ALLOCATOR=y
CONFIG_REED_SOLOMON=m
CONFIG_REED_SOLOMON_ENC8=y
CONFIG_REED_SOLOMON_DEC8=y
CONFIG_REED_SOLOMON_DEC16=y
CONFIG_BCH=m
CONFIG_TEXTSEARCH=y
CONFIG_TEXTSEARCH_KMP=m
CONFIG_TEXTSEARCH_BM=m
CONFIG_TEXTSEARCH_FSM=m
CONFIG_BTREE=y
CONFIG_INTERVAL_TREE=y
CONFIG_XARRAY_MULTI=y
CONFIG_ASSOCIATIVE_ARRAY=y
CONFIG_CLOSURES=y
CONFIG_HAS_IOMEM=y
CONFIG_HAS_IOPORT=y
```

```

CONFIG_HAS_IOPORT_MAP=y
CONFIG_HAS_DMA=y
CONFIG_DMA_OPS=y
CONFIG_NEED_SG_DMA_FLAGS=y
CONFIG_NEED_SG_DMA_LENGTH=y
CONFIG_NEED_DMA_MAP_STATE=y
CONFIG_ARCH_DMA_ADDR_T_64BIT=y
CONFIG_ARCH_HAS_FORCE_DMA_UNENCRYPTED=y
CONFIG_SWIOTLB=y
# CONFIG_SWIOTLB_DYNAMIC is not set
CONFIG_DMA_COHERENT_POOL=y
# CONFIG_DMA_API_DEBUG is not set
# CONFIG_DMA_MAP_BENCHMARK is not set
CONFIG_SGL_ALLOC=y
CONFIG_IOMMU_HELPER=y
CONFIG_CHECK_SIGNATURE=y
CONFIG_CPUMASK_OFFSTACK=y
# CONFIG_FORCE_NR_CPUS is not set
CONFIG_CPU_RMAP=y
CONFIG_DQL=y
CONFIG_GLOB=y
# CONFIG_GLOB_SELFTEST is not set
CONFIG_NLATTR=y
CONFIG_LRU_CACHE=m
CONFIG_CLZ_TAB=y
CONFIG_IRQ_POLL=y
CONFIG_MPILIB=y

```

BKM

```

CONFIG_SIGNATURE=y
CONFIG_DIMLIB=y
CONFIG_OID_REGISTRY=y
CONFIG_UCS2_STRING=y
CONFIG_HAVE_GENERIC_VDSO=y
CONFIG_GENERIC_GETTIMEOFDAY=y
CONFIG_GENERIC_VDSO_TIME_NS=y
CONFIG_FONT_SUPPORT=y
CONFIG_FONTS=y
CONFIG_FONT_8x8=y
CONFIG_FONT_8x16=y
# CONFIG_FONT_6x11 is not set
# CONFIG_FONT_7x14 is not set
# CONFIG_FONT_PEARL_8x8 is not set
CONFIG_FONT_ACORN_8x8=y
# CONFIG_FONT_MINI_4x6 is not set
CONFIG_FONT_6x10=y
# CONFIG_FONT_10x18 is not set
# CONFIG_FONT_SUN8x16 is not set
# CONFIG_FONT_SUN12x22 is not set
CONFIG_FONT_TER16x32=y
# CONFIG_FONT_6x8 is not set
CONFIG_SG_POOL=y
CONFIG_ARCH_HAS_PMEM_API=y
CONFIG_MEMREGION=y
CONFIG_ARCH_HAS_CPU_CACHE_INVALIDATE_MEMREGION=y
CONFIG_ARCH_HAS_UACCESS_FLUSHCACHE=y

```

```
CONFIG_ARCH_HAS_COPY_MC=y
CONFIG_ARCH_STACKWALK=y
CONFIG_STACKDEPOT=y
CONFIG_STACKDEPOT_MAX_FRAMES=64
CONFIG_SBITMAP=y
CONFIG_PARMAN=m
CONFIG_OBJAGG=m
# CONFIG_LWQ_TEST is not set
# end of Library routines

CONFIG_PLDMFW=y
CONFIG_ASN1_ENCODER=y
CONFIG_FIRMWARE_TABLE=y

#
# Kernel hacking
#

#
# printk and dmesg options
#
CONFIG_PRINTK_TIME=y
# CONFIG_PRINTK_CALLER is not set
# CONFIG_STACKTRACE_BUILD_ID is not set
CONFIG_CONSOLE_LOGLEVEL_DEFAULT=7
CONFIG_CONSOLE_LOGLEVEL_QUIET=4
CONFIG_MESSAGE_LOGLEVEL_DEFAULT=4
```

BKM

```

CONFIG_BOOT_PRINTK_DELAY=y
CONFIG_DYNAMIC_DEBUG=y
CONFIG_DYNAMIC_DEBUG_CORE=y
CONFIG_SYMBOLIC_ERRNAME=y
CONFIG_DEBUG_BUGVERBOSE=y
# end of printk and dmesg options

CONFIG_DEBUG_KERNEL=y
CONFIG_DEBUG_MISC=y

#
# Compile-time checks and compiler options
#
CONFIG_AS_HAS_NON_CONST_ULEB128=y
CONFIG_DEBUG_INFO_NONE=y
# CONFIG_DEBUG_INFO_DWARF_TOOLCHAIN_DEFAULT is not set
# CONFIG_DEBUG_INFO_DWARF4 is not set
# CONFIG_DEBUG_INFO_DWARF5 is not set
CONFIG_FRAME_WARN=1024
# CONFIG_STRIP_ASM_SYMS is not set
# CONFIG_READABLE_ASM is not set
# CONFIG_HEADERS_INSTALL is not set
# CONFIG_DEBUG_SECTION_MISMATCH is not set
CONFIG_SECTION_MISMATCH_WARN_ONLY=y
# CONFIG_DEBUG_FORCE_FUNCTION_ALIGN_64B is not set
CONFIG_FRAME_POINTER=y
CONFIG_OBJTOOL=y

```

```
CONFIG_STACK_VALIDATION=y

# CONFIG_VMLINUX_MAP is not set

# CONFIG_DEBUG_FORCE_WEAK_PER_CPU is not set

# end of Compile-time checks and compiler options


#

# Generic Kernel Debugging Instruments

#

CONFIG_MAGIC_SYSRQ=y

CONFIG_MAGIC_SYSRQ_DEFAULT_ENABLE=0x01b6

CONFIG_MAGIC_SYSRQ_SERIAL=y

CONFIG_MAGIC_SYSRQ_SERIAL_SEQUENCE=""

CONFIG_DEBUG_FS=y

CONFIG_DEBUG_FS_ALLOW_ALL=y

# CONFIG_DEBUG_FS_DISALLOW_MOUNT is not set

# CONFIG_DEBUG_FS_ALLOW_NONE is not set

CONFIG_HAVE_ARCH_KGDB=y

CONFIG_KGDB=y

CONFIG_KGDB_HONOUR_BLOCKLIST=y

CONFIG_KGDB_SERIAL_CONSOLE=y

# CONFIG_KGDB_TESTS is not set

CONFIG_KGDB_LOW_LEVEL_TRAP=y

CONFIG_KGDB_KDB=y

CONFIG_KDB_DEFAULT_ENABLE=0x1

CONFIG_KDB_KEYBOARD=y

CONFIG_KDB_CONTINUE_CATASTROPHIC=0

CONFIG_ARCH_HAS_EARLY_DEBUG=y
```

BKM

```

CONFIG_ARCH_HAS_UBSAN=y

# CONFIG_UBSAN is not set

CONFIG_HAVE_ARCH_KCSAN=y

# end of Generic Kernel Debugging Instruments


#

# Networking Debugging

#

# CONFIG_NET_DEV_REFCNT_TRACKER is not set

# CONFIG_NET_NS_REFCNT_TRACKER is not set

# CONFIG_DEBUG_NET is not set

# end of Networking Debugging


#

# Memory Debugging

#

# CONFIG_PAGE_EXTENSION is not set

# CONFIG_DEBUG_PAGEALLOC is not set

CONFIG_SLUB_DEBUG=y

# CONFIG_SLUB_DEBUG_ON is not set

# CONFIG_PAGE_OWNER is not set

# CONFIG_PAGE_TABLE_CHECK is not set

CONFIG_PAGE_POISONING=y

# CONFIG_DEBUG_PAGE_REF is not set

# CONFIG_DEBUG_RODATA_TEST is not set

CONFIG_ARCH_HAS_DEBUG_WX=y

CONFIG_DEBUG_WX=y

```

```
CONFIG_GENERIC_PTDUMP=y
CONFIG_PTDUMP_CORE=y
# CONFIG_PTDUMP_DEBUGFS is not set
CONFIG_HAVE_DEBUG_KMEMLEAK=y
# CONFIG_DEBUG_KMEMLEAK is not set
# CONFIG_PER_VMA_LOCK_STATS is not set
# CONFIG_DEBUG_OBJECTS is not set
# CONFIG_SHRINKER_DEBUG is not set
# CONFIG_DEBUG_STACK_USAGE is not set
CONFIG_SCHED_STACK_END_CHECK=y
CONFIG_ARCH_HAS_DEBUG_VM_PGTABLE=y
# CONFIG_DEBUG_VM is not set
# CONFIG_DEBUG_VM_PGTABLE is not set
CONFIG_ARCH_HAS_DEBUG_VIRTUAL=y
# CONFIG_DEBUG_VIRTUAL is not set
# CONFIG_DEBUG_MEMORY_INIT is not set
CONFIG_MEMORY_NOTIFIER_ERROR_INJECT=m
# CONFIG_DEBUG_PER_CPU_MAPS is not set
CONFIG_HAVE_ARCH_KASAN=y
CONFIG_HAVE_ARCH_KASAN_VMALLOC=y
CONFIG_CC_HAS_KASAN_GENERIC=y
CONFIG_CC_HAS_WORKING_NOSANITIZE_ADDRESS=y
# CONFIG_KASAN is not set
CONFIG_HAVE_ARCH_KFENCE=y
# CONFIG_KFENCE is not set
CONFIG_HAVE_ARCH_KMSAN=y
# end of Memory Debugging
```



```
# CONFIG_DEBUG_SHIRQ is not set

#

# Debug Oops, Lockups and Hangs

#

# CONFIG_PANIC_ON_OOPS is not set
CONFIG_PANIC_ON_OOPS_VALUE=0
CONFIG_PANIC_TIMEOUT=0
CONFIG_LOCKUP_DETECTOR=y
CONFIG_SOFTLOCKUP_DETECTOR=y
# CONFIG_BOOTPARAM_SOFTLOCKUP_PANIC is not set
CONFIG_HAVE_HARDLOCKUP_DETECTOR_BUDDY=y
CONFIG_HARDLOCKUP_DETECTOR=y
# CONFIG_HARDLOCKUP_DETECTOR_PREFER_BUDDY is not set
CONFIG_HARDLOCKUP_DETECTOR_PERF=y
# CONFIG_HARDLOCKUP_DETECTOR_BUDDY is not set
# CONFIG_HARDLOCKUP_DETECTOR_ARCH is not set
CONFIG_HARDLOCKUP_DETECTOR_COUNTS_HRTIMER=y
CONFIG_HARDLOCKUP_CHECK_TIMESTAMP=y
# CONFIG_BOOTPARAM_HARDLOCKUP_PANIC is not set
CONFIG_DETECT_HUNG_TASK=y
CONFIG_DEFAULT_HUNG_TASK_TIMEOUT=120
# CONFIG_BOOTPARAM_HUNG_TASK_PANIC is not set
# CONFIG_WQ_WATCHDOG is not set
# CONFIG_WQ_CPU_INTENSIVE_REPORT is not set
# CONFIG_TEST_LOCKUP is not set
```

```
# end of Debug Oops, Lockups and Hangs

#

# Scheduler Debugging

#

CONFIG_SCHED_DEBUG=y

CONFIG_SCHED_INFO=y

CONFIG_SCHEDSTATS=y

# end of Scheduler Debugging


# CONFIG_DEBUG_TIMEKEEPING is not set

CONFIG_DEBUG_PREEMPT=y


#

# Lock Debugging (spinlocks, mutexes, etc...)

#

CONFIG_LOCK_DEBUGGING_SUPPORT=y

# CONFIG_PROVE_LOCKING is not set

# CONFIG_LOCK_STAT is not set

# CONFIG_DEBUG_RT_MUTEXES is not set

# CONFIG_DEBUG_SPINLOCK is not set

# CONFIG_DEBUG_MUTEXES is not set

# CONFIG_DEBUG_WW_MUTEX_SLOWPATH is not set

# CONFIG_DEBUG_RWSEMS is not set

# CONFIG_DEBUG_LOCK_ALLOC is not set

# CONFIG_DEBUG_ATOMIC_SLEEP is not set

# CONFIG_DEBUG_LOCKING_API_SELFTESTS is not set
```

BKM

```
# CONFIG_LOCK_TORTURE_TEST is not set
# CONFIG_WW_MUTEX_SELFTEST is not set
# CONFIG_SCF_TORTURE_TEST is not set
# CONFIG_CSD_LOCK_WAIT_DEBUG is not set
# end of Lock Debugging (spinlocks, mutexes, etc...)

# CONFIG_NMI_CHECK_CPU is not set
# CONFIG_DEBUG_IRQFLAGS is not set
CONFIG_STACKTRACE=y
# CONFIG_WARN_ALL_UNSEEDED_RANDOM is not set
# CONFIG_DEBUG_KOBJECT is not set

#
# Debug kernel data structures
#
# CONFIG_DEBUG_LIST is not set
# CONFIG_DEBUG_PLIST is not set
# CONFIG_DEBUG_SG is not set
# CONFIG_DEBUG_NOTIFIERS is not set
# CONFIG_DEBUG_CLOSURES is not set
# CONFIG_DEBUG_MAPLE_TREE is not set
# end of Debug kernel data structures

#
# RCU Debugging
#
# CONFIG_RCU_SCALE_TEST is not set
```

```
# CONFIG_RCU_TORTURE_TEST is not set

# CONFIG_RCU_REF_SCALE_TEST is not set

CONFIG_RCU_CPU_STALL_TIMEOUT=60

CONFIG_RCU_EXP_CPU_STALL_TIMEOUT=20

# CONFIG_RCU_CPU_STALL_CPUTIME is not set

# CONFIG_RCU_TRACE is not set

# CONFIG_RCU_EQS_DEBUG is not set

# end of RCU Debugging


# CONFIG_DEBUG_WQ_FORCE_RR_CPU is not set

# CONFIG_CPU_HOTPLUG_STATE_CONTROL is not set

# CONFIG_LATENCYTOP is not set

# CONFIG_DEBUG_CGROUP_REF is not set

CONFIG_USER_STACKTRACE_SUPPORT=y

CONFIG_NOP_TRACER=y

CONFIG_HAVE_RETHOOK=y

CONFIG_RETHOOK=y

CONFIG_HAVE_FUNCTION_TRACER=y

CONFIG_HAVE_FUNCTION_GRAPH_TRACER=y

CONFIG_HAVE_FUNCTION_GRAPH_RETVAL=y

CONFIG_HAVE_DYNAMIC_FTRACE=y

CONFIG_HAVE_DYNAMIC_FTRACE_WITH_REGS=y

CONFIG_HAVE_DYNAMIC_FTRACE_WITH_DIRECT_CALLS=y

CONFIG_HAVE_DYNAMIC_FTRACE_WITH_ARGS=y

CONFIG_HAVE_DYNAMIC_FTRACE_NO_PATCHABLE=y

CONFIG_HAVE_FTRACE_MCOUNT_RECORD=y

CONFIG_HAVE_SYSCALL_TRACEPOINTS=y
```

BKM

```

CONFIG_HAVE_FENTRY=y
CONFIG_HAVE_OBJTOOL_MCOUNT=y
CONFIG_HAVE_OBJTOOL_NOP_MCOUNT=y
CONFIG_HAVE_C_RECORDMCOUNT=y
CONFIG_HAVE_BUILDTIME_MCOUNT_SORT=y
CONFIG_BUILDTIME_MCOUNT_SORT=y
CONFIG_TRACER_MAX_TRACE=y
CONFIG_TRACE_CLOCK=y
CONFIG_RING_BUFFER=y
CONFIG_EVENT_TRACING=y
CONFIG_CONTEXT_SWITCH_TRACER=y
CONFIG_TRACING=y
CONFIG_GENERIC_TRACER=y
CONFIG_TRACING_SUPPORT=y
CONFIG_FTRACE=y
CONFIG_BOOTTIME_TRACING=y
CONFIG_FUNCTION_TRACER=y
CONFIG_FUNCTION_GRAPH_TRACER=y
# CONFIG_FUNCTION_GRAPH_RETVAL is not set
CONFIG_DYNAMIC_FTRACE=y
CONFIG_DYNAMIC_FTRACE_WITH_REGS=y
CONFIG_DYNAMIC_FTRACE_WITH_DIRECT_CALLS=y
CONFIG_DYNAMIC_FTRACE_WITH_ARGS=y
# CONFIG_FPROBE is not set
CONFIG_FUNCTION_PROFILER=y
CONFIG_STACK_TRACER=y
# CONFIG_IRQSOFF_TRACER is not set

```

```
# CONFIG_PREEMPT_TRACER is not set

CONFIG_SCHED_TRACER=y

CONFIG_HWLAT_TRACER=y

# CONFIG_OSNOISE_TRACER is not set

# CONFIG_TIMERLAT_TRACER is not set

CONFIG_MMIOTRACE=y

CONFIG_FTRACE_SYSCALLS=y

CONFIG_TRACER_SNAPSHOT=y

# CONFIG_TRACER_SNAPSHOT_PER_CPU_SWAP is not set

CONFIG_BRANCH_PROFILE_NONE=y

# CONFIG_PROFILE_ANNOTATED_BRANCHES is not set

CONFIG_BLK_DEV_IO_TRACE=y

CONFIG_KPROBE_EVENTS=y

# CONFIG_KPROBE_EVENTS_ON_NOTRACE is not set

CONFIG_UPROBE_EVENTS=y

CONFIG_BPF_EVENTS=y

CONFIG_DYNAMIC_EVENTS=y

CONFIG_PROBE_EVENTS=y

CONFIG_BPF_KPROBE_OVERRIDE=y

CONFIG_FTRACE_MCOUNT_RECORD=y

CONFIG_FTRACE_MCOUNT_USE_CC=y

CONFIG_TRACING_MAP=y

CONFIG_SYNTH_EVENTS=y

# CONFIG_USER_EVENTS is not set

CONFIG_HIST_TRIGGERS=y

CONFIG_TRACE_EVENT_INJECT=y

# CONFIG_TRACEPOINT_BENCHMARK is not set
```

BKM

```
# CONFIG_RING_BUFFER_BENCHMARK is not set
# CONFIG_TRACE_EVAL_MAP_FILE is not set
# CONFIG_FTRACE_RECORD_RECURSION is not set
# CONFIG_FTRACE_STARTUP_TEST is not set
# CONFIG_FTRACE_SORT_STARTUP_TEST is not set
# CONFIG_RING_BUFFER_STARTUP_TEST is not set
# CONFIG_RING_BUFFER_VALIDATE_TIME_DELTAS is not set
# CONFIG_MMIOTRACE_TEST is not set
# CONFIG_PREEMPTIRQ_DELAY_TEST is not set
# CONFIG_SYNTH_EVENT_GEN_TEST is not set
# CONFIG_KPROBE_EVENT_GEN_TEST is not set
# CONFIG_HIST_TRIGGERS_DEBUG is not set
# CONFIG_RV is not set
# CONFIG_PROVIDE_OHCI1394_DMA_INIT is not set
CONFIG_SAMPLES=y
# CONFIG_SAMPLE_AUXDISPLAY is not set
# CONFIG_SAMPLE_TRACE_EVENTS is not set
# CONFIG_SAMPLE_TRACE_CUSTOM_EVENTS is not set
CONFIG_SAMPLE_TRACE_PRINTK=m
CONFIG_SAMPLE_FTRACE_DIRECT=m
# CONFIG_SAMPLE_FTRACE_DIRECT_MULTI is not set
# CONFIG_SAMPLE_FTRACE_OPS is not set
CONFIG_SAMPLE_TRACE_ARRAY=m
# CONFIG_SAMPLE_KOBJECT is not set
# CONFIG_SAMPLE_KPROBES is not set
# CONFIG_SAMPLE_HW_BREAKPOINT is not set
# CONFIG_SAMPLE_KFIFO is not set
```

```
# CONFIG_SAMPLE_KDB is not set

# CONFIG_SAMPLE_RPMSG_CLIENT is not set

# CONFIG_SAMPLE_LIVEPATCH is not set

# CONFIG_SAMPLE_CONFIGFS is not set

# CONFIG_SAMPLE_VFIO_MDEV_MTTY is not set

# CONFIG_SAMPLE_VFIO_MDEV_MDPY is not set

# CONFIG_SAMPLE_VFIO_MDEV_MDPY_FB is not set

# CONFIG_SAMPLE_VFIO_MDEV_MBOCHS is not set

# CONFIG_SAMPLE_WATCHDOG is not set

CONFIG_HAVE_SAMPLE_FTRACE_DIRECT=y

CONFIG_HAVE_SAMPLE_FTRACE_DIRECT_MULTI=y

CONFIG_ARCH_HAS_DEVMEM_IS_ALLOWED=y

CONFIG_STRICT_DEVMEM=y

# CONFIG_IO_STRICT_DEVMEM is not set


#

# x86 Debugging

#

CONFIG_EARLY_PRINTK_USB=y

# CONFIG_X86_VERBOSE_BOOTUP is not set

CONFIG_EARLY_PRINTK=y

CONFIG_EARLY_PRINTK_DBGP=y

CONFIG_EARLY_PRINTK_USB_XDBC=y

# CONFIG_EFI_PGT_DUMP is not set

# CONFIG_DEBUG_TLBFLUSH is not set

# CONFIG_IOMMU_DEBUG is not set

CONFIG_HAVE_MMIOTRACE_SUPPORT=y
```


BKM

```
# CONFIG_X86_DECODER_SELFTEST is not set

# CONFIG_IO_DELAY_0X80 is not set

CONFIG_IO_DELAY_0XED=y

# CONFIG_IO_DELAY_UDELAY is not set

# CONFIG_IO_DELAY_NONE is not set

# CONFIG_DEBUG_BOOT_PARAMS is not set

# CONFIG_CPA_DEBUG is not set

# CONFIG_DEBUG_ENTRY is not set

# CONFIG_DEBUG_NMI_SELFTEST is not set

CONFIG_X86_DEBUG_FPU=y

CONFIG_PUNIT_ATOM_DEBUG=m

# CONFIG_UNWINDER_ORC is not set

CONFIG_UNWINDER_FRAME_POINTER=y

# end of x86 Debugging

#

# Kernel Testing and Coverage

#

# CONFIG_KUNIT is not set

CONFIG_NOTIFIER_ERROR_INJECTION=m

CONFIG_PM_NOTIFIER_ERROR_INJECT=m

# CONFIG_NETDEV_NOTIFIER_ERROR_INJECT is not set

CONFIG_FUNCTION_ERROR_INJECTION=y

# CONFIG_FAULT_INJECTION is not set

CONFIG_ARCH_HAS_KCOV=y

CONFIG_CC_HAS_SANCOV_TRACE_PC=y

# CONFIG_KCOV is not set

CONFIG_RUNTIME_TESTING_MENU=y
```

```
# CONFIG_TEST_DHRY is not set
# CONFIG_LKDTM is not set
# CONFIG_TEST_MIN_HEAP is not set
# CONFIG_TEST_DIV64 is not set
# CONFIG_BACKTRACE_SELF_TEST is not set
# CONFIG_TEST_REF_TRACKER is not set
# CONFIG_RBTREE_TEST is not set
# CONFIG_REED_SOLOMON_TEST is not set
# CONFIG_INTERVAL_TREE_TEST is not set
# CONFIG_PERCPU_TEST is not set
# CONFIG_ATOMIC64_SELFTEST is not set
# CONFIG_ASYNC_RAID6_TEST is not set
# CONFIG_TEST_HEXDUMP is not set
# CONFIG_TEST_KSTRTOX is not set
# CONFIG_TEST_PRINTF is not set
# CONFIG_TEST_SCANF is not set
# CONFIG_TEST_BITMAP is not set
# CONFIG_TEST_UUID is not set
# CONFIG_TEST_XARRAY is not set
# CONFIG_TEST_MAPLE_TREE is not set
# CONFIG_TEST_RHASHTABLE is not set
# CONFIG_TEST_IDA is not set
# CONFIG_TEST_PARMAN is not set
# CONFIG_TEST_LKM is not set
# CONFIG_TEST_BITOPS is not set
# CONFIG_TEST_VMALLOC is not set
# CONFIG_TEST_USER_COPY is not set
```

BKM

```

CONFIG_TEST_BPF=m

CONFIG_TEST_BLACKHOLE_DEV=m

# CONFIG_FIND_BIT_BENCHMARK is not set

# CONFIG_TEST_FIRMWARE is not set

# CONFIG_TEST_SYSCTL is not set

# CONFIG_TEST_UDELAY is not set

# CONFIG_TEST_STATIC_KEYS is not set

# CONFIG_TEST_DYNAMIC_DEBUG is not set

# CONFIG_TEST_KMOD is not set

# CONFIG_TEST_MEMCAT_P is not set

# CONFIG_TEST_OBJAGG is not set

# CONFIG_TEST_MEMINIT is not set

# CONFIG_TEST_HMM is not set

# CONFIG_TEST_FREE_PAGES is not set

# CONFIG_TEST_FPU is not set

# CONFIG_TEST_CLOCKSOURCE_WATCHDOG is not set

# CONFIG_TEST_OBJPOOL is not set

CONFIG_ARCH_USE_MEMTEST=y

CONFIG_MEMTEST=y

# CONFIG_HYPERV_TESTING is not set

# end of Kernel Testing and Coverage

#

# Rust hacking

#

# end of Rust hacking

# end of Kernel hacking

```