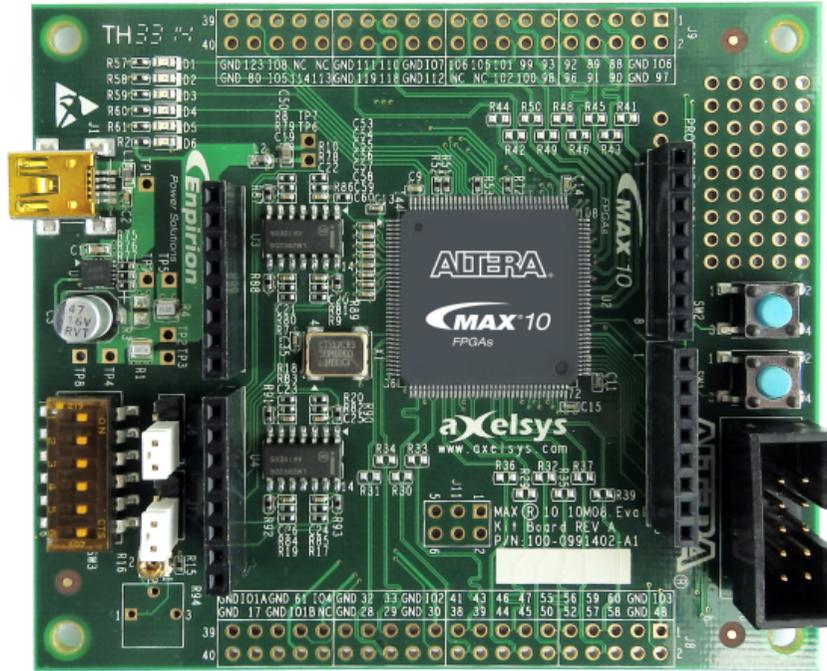


REVISION INDEX

REV	DATE	DESCRIPTION OF CHANGES	PAGES	BY	APPROVED
1.0	11-Sep-14	Initial Production Release.	1-8	Scott Lee	Eric Kwok

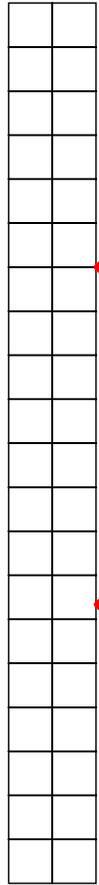


Designed by Axelsys LLC



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2 x 20 vias



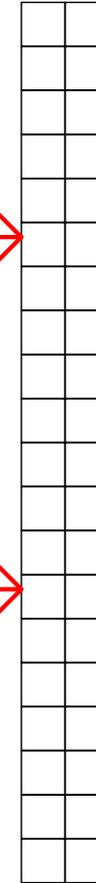
Arduino I/O



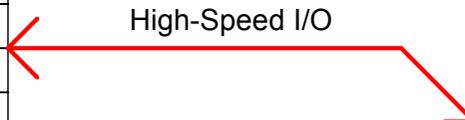
Arduino I/O



2 x 20 vias



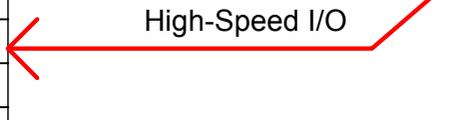
High-Speed I/O



High-Speed I/O



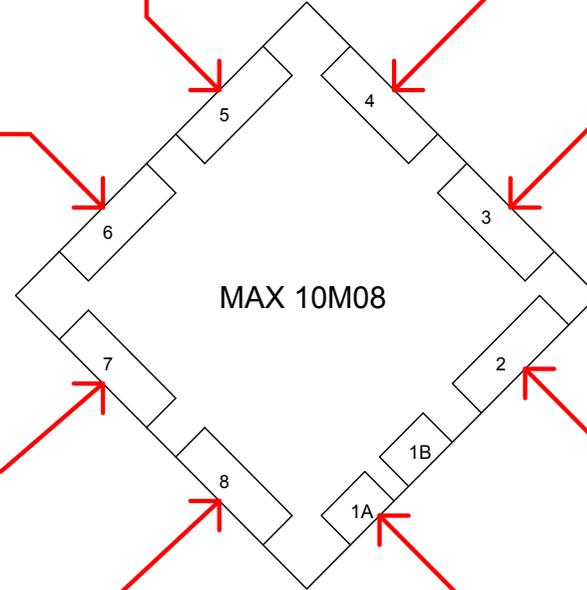
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High-Speed I/O



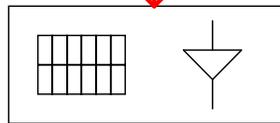
MAX 10M08



Arduino Power



Arduino Analog



Switches & LEDs

BLOCK DIAGRAM

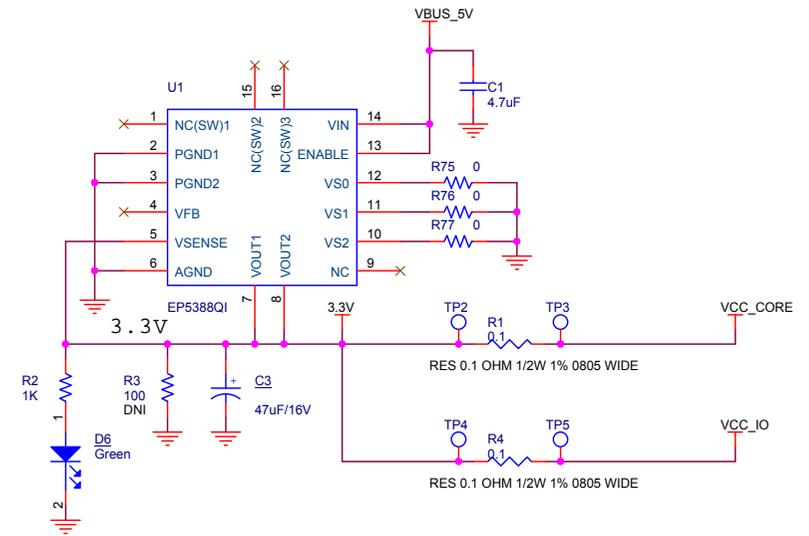
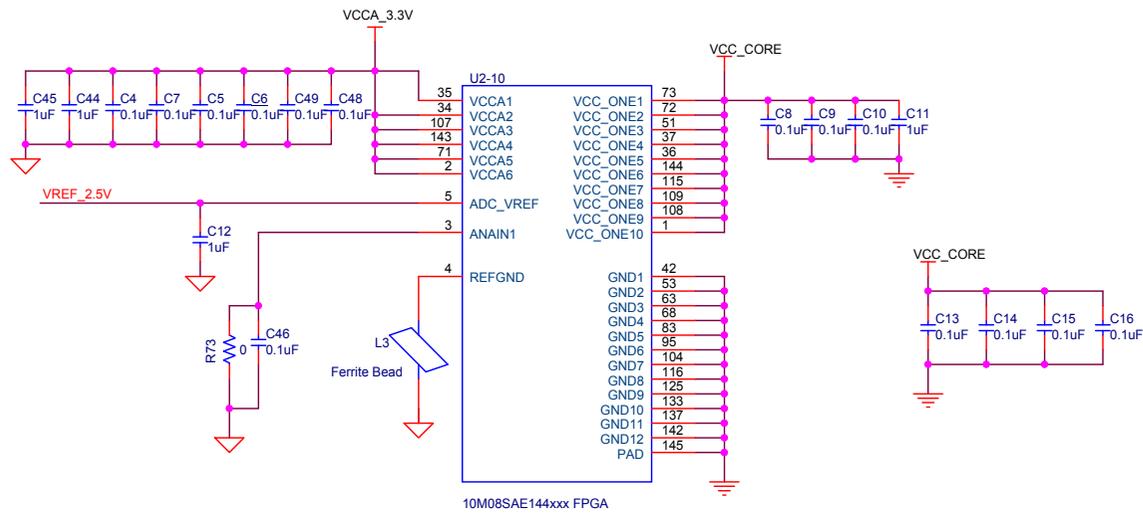
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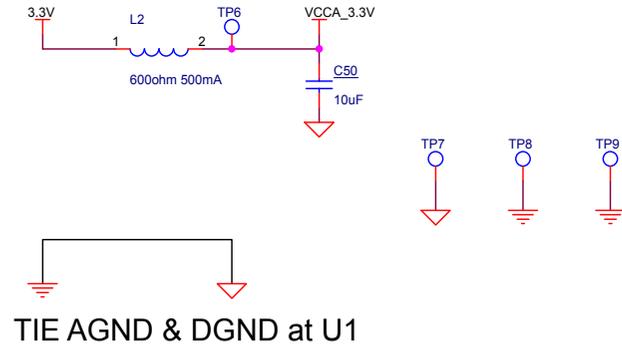
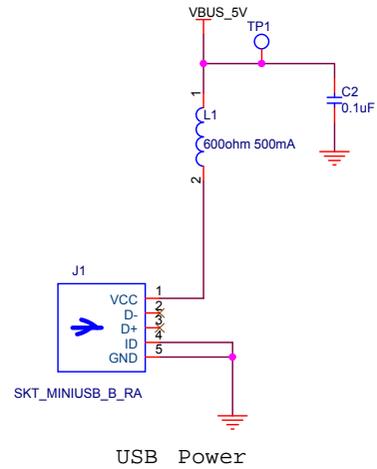
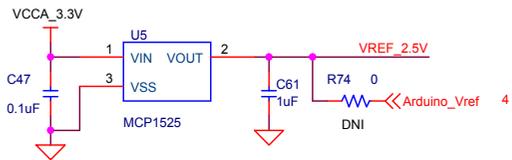
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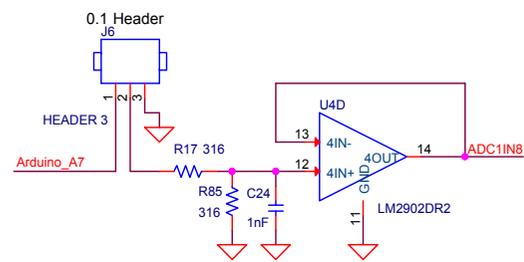
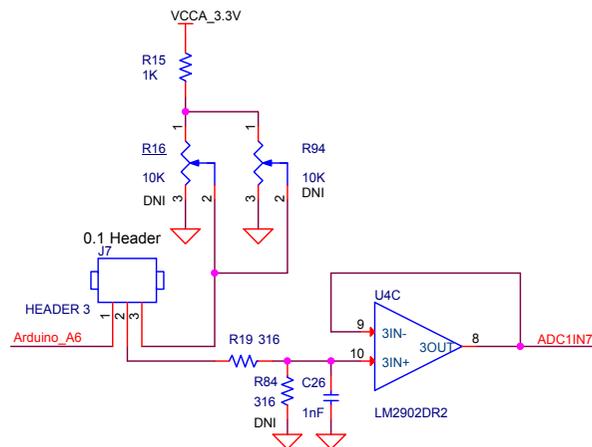
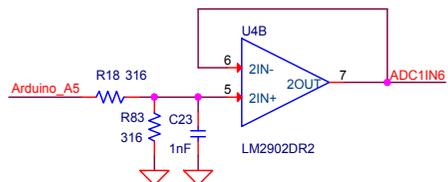
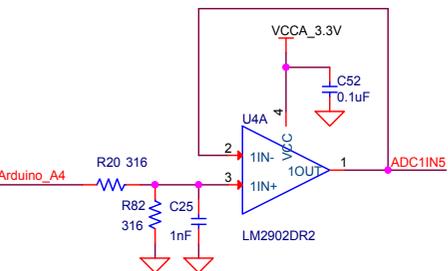
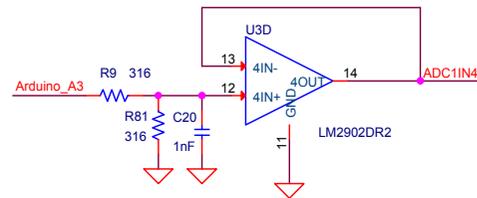
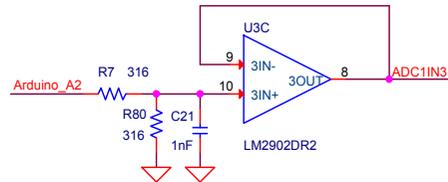
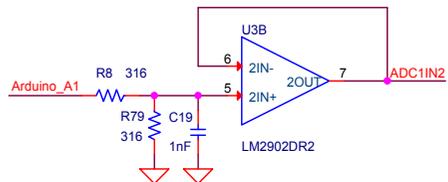
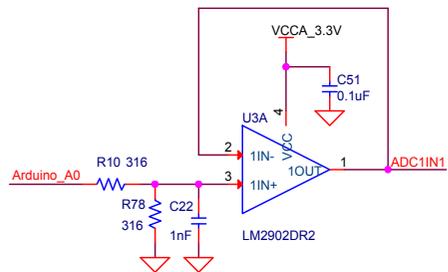
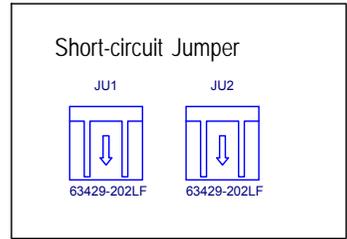
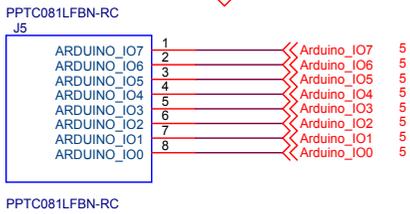
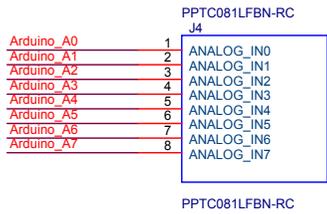
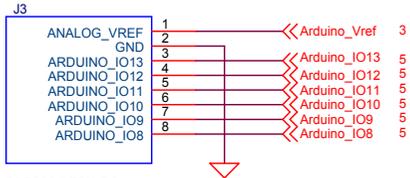
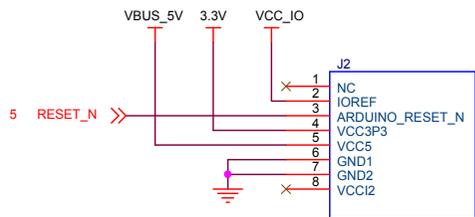
Enpirion Step-down switching regulator



TIE AGND & DGND at U1

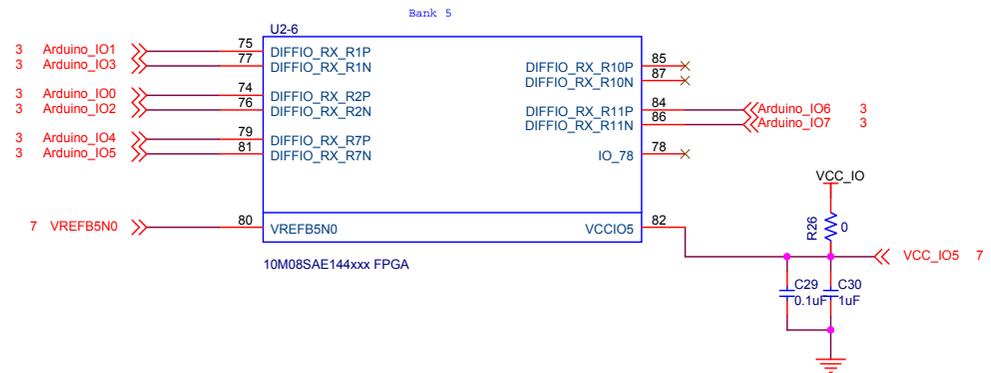
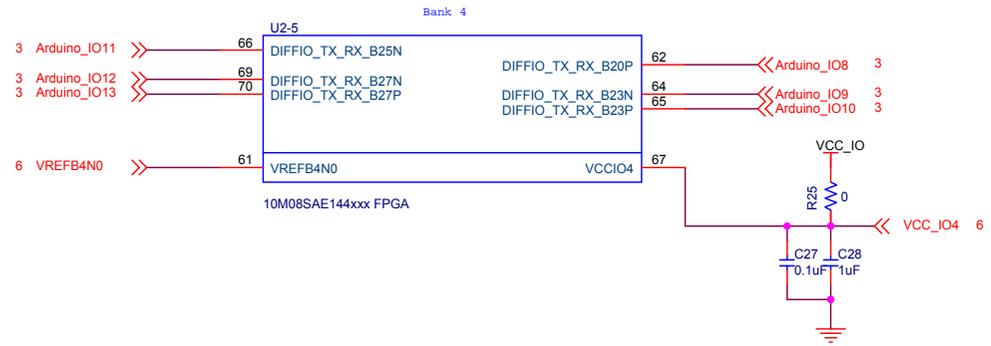
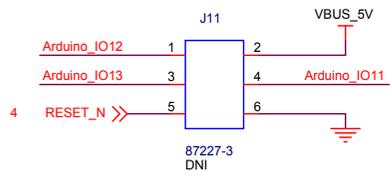
POWER SECTION

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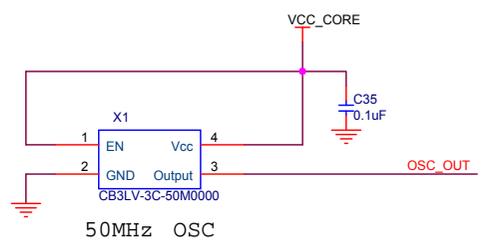
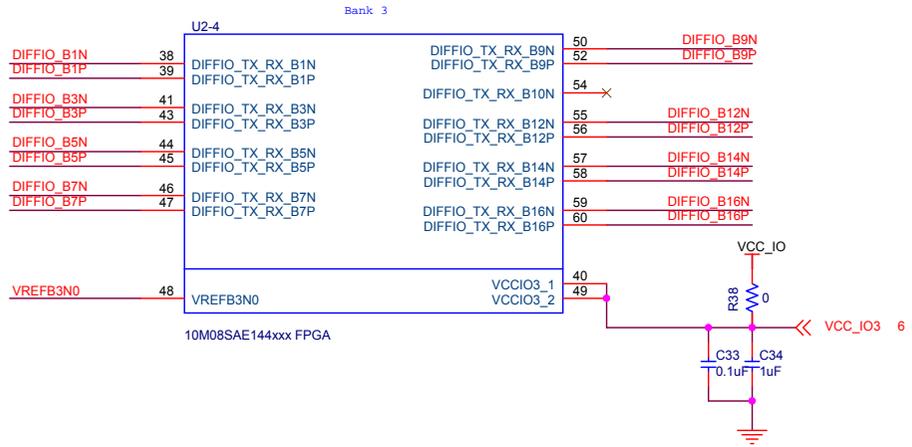
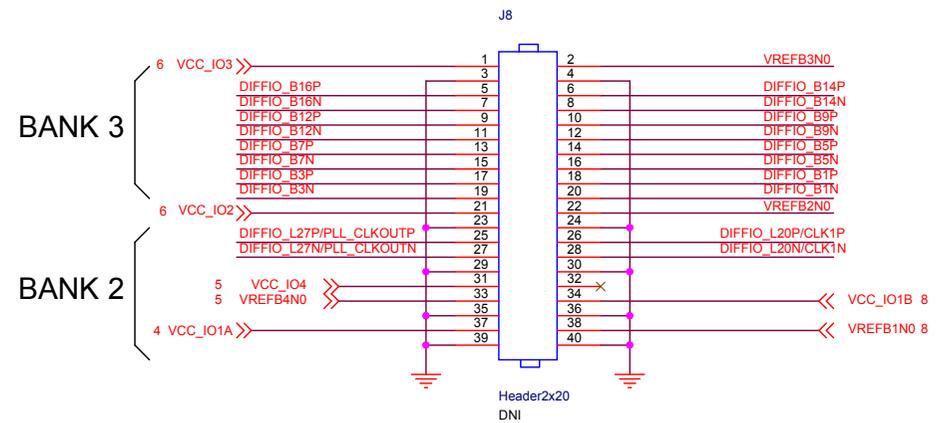
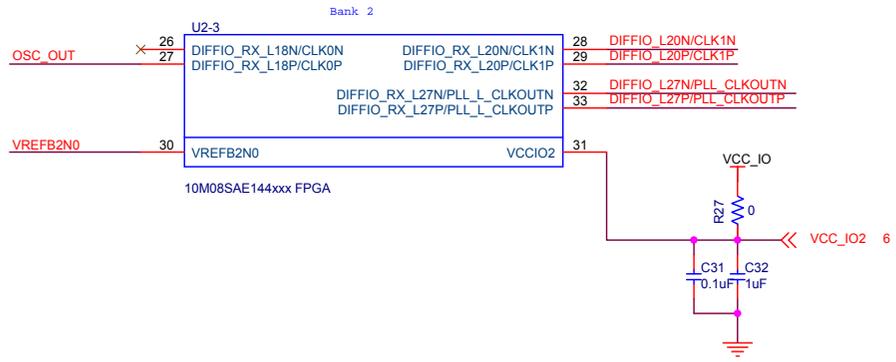
ANALOG SECTION

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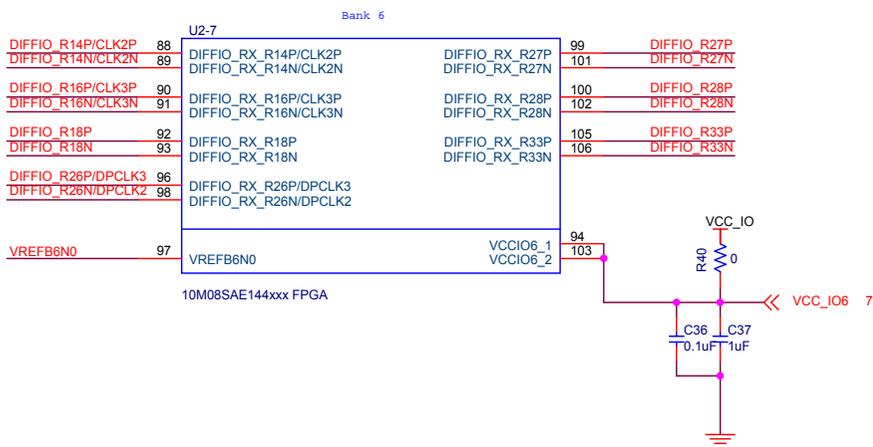
ARDUINO CONNECTION

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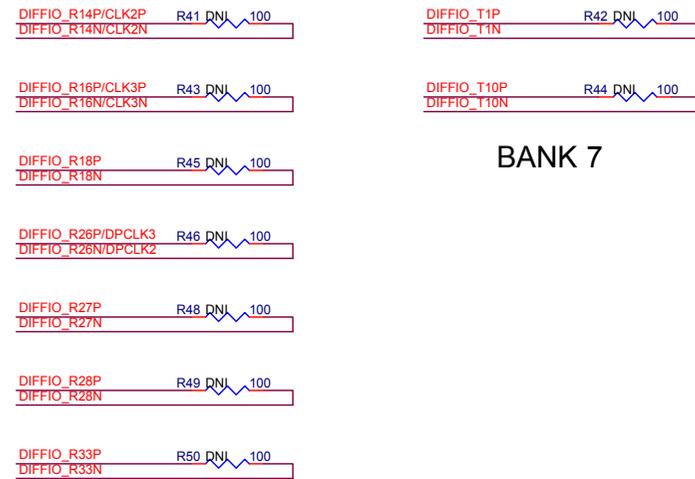
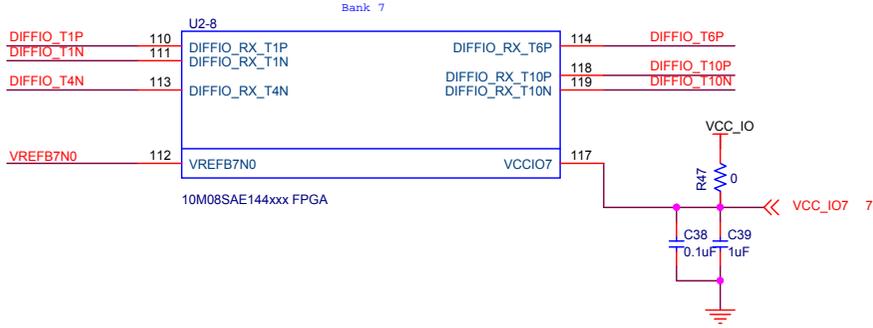
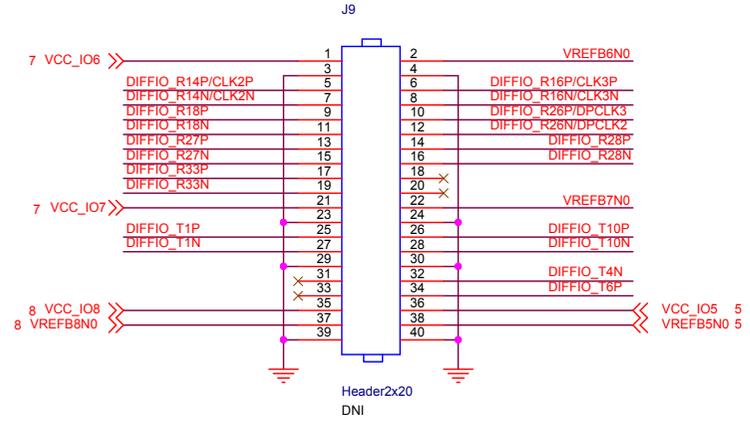
BANK2, BANK3 BREAKOUT

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BANK 6

BANK 7

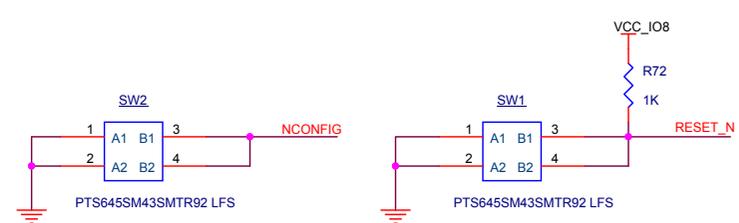
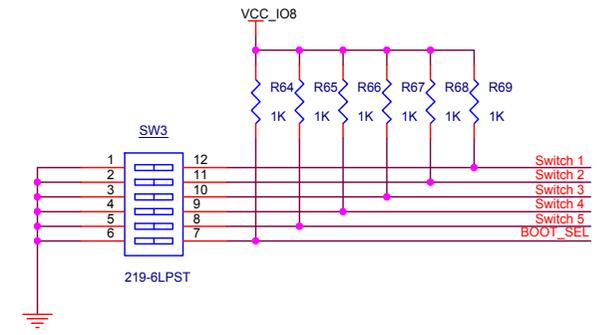
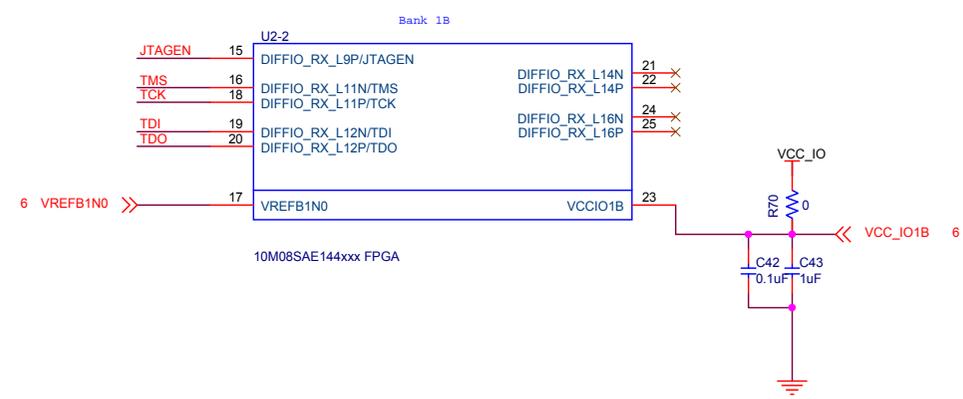
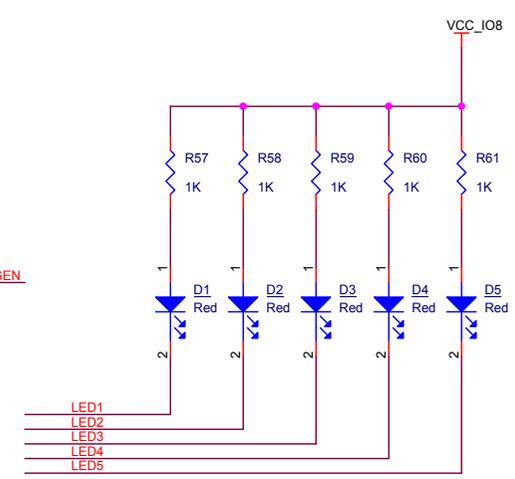
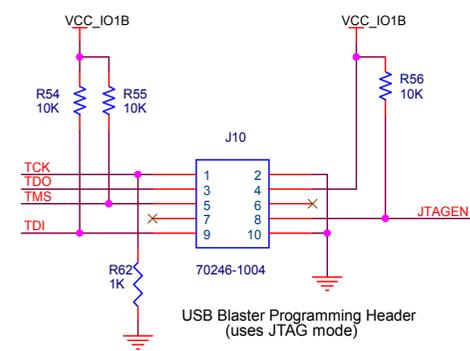
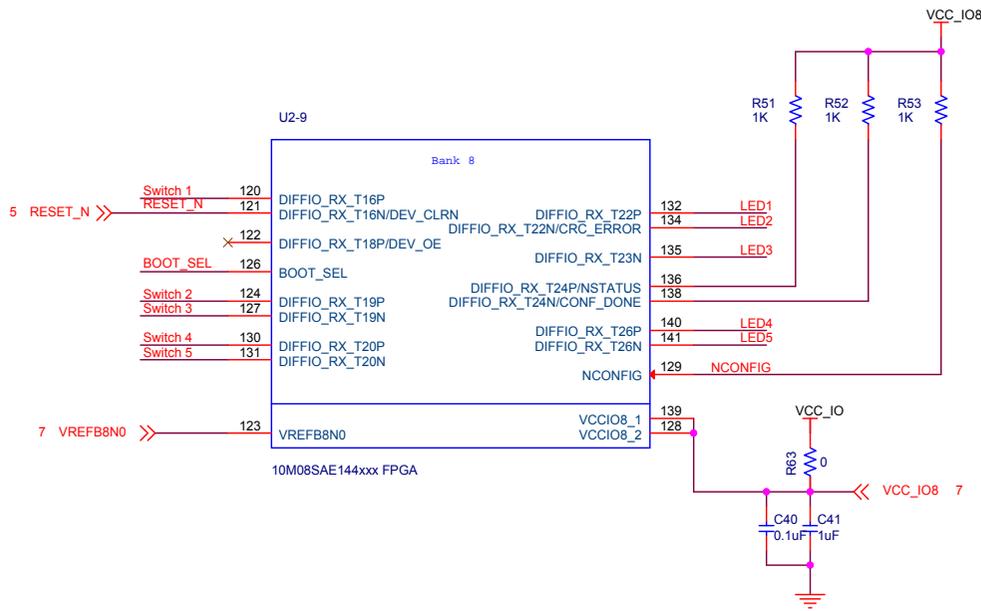


BANK 7

BANK 6

BANK6, BANK7 BREAKOUT

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CONFIGURATION

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