Altera Corporation
101 Innovation Drive
San Jose, CA 95134
408-544-7000

Dear Programmable Logic Designer,

Thank you for purchasing the Altera® MAX® 10 FPGA Evaluation Kit.

This kit is intended as a “no frills”, entry-level board for evaluation of the MAX 10 FPGA technology, along with Enpirion PowerSoC regulators. You can use this development kit to:

- Develop designs for the 10M08S, 144-EQFP FPGA
- Measure FPGA power (VCC_CORE and VCC_IO)
- Bridge between different I/O voltages (adjustable VCC_IO on Bank 8)
- Read and write to the FPGA’s NOR flash memory
- Use the FPGA’s analog-to-digital converter embedded block to measure incoming analog signals
- Interface to external functions or devices via Arduino UNO R3 connectors or through-hole vias
- Reuse the kit’s PCB board and schematic as a model for your design

Your MAX 10 10M08 Evaluation Evaluation Kit includes the following:

Hardware

- 10M08S, 144-EQFP evaluation board
- USB cable, power supply (programming cable sold separately)

Kit Documentation

- MAX 10 FPGA Evaluation Kit Installer:
- Download at http://www.altera.com/products/devkits/altera/kit-max-10-evaluation.html

Software

- Altera’s Design Software
  - Quartus® II Web-Edition software
  - ModelSim Altera Edition

  Download at https://www.altera.com/download/software/quartus-ii-we

Reference Designs & Design Examples

- Download generic or kit specific reference designs/design examples from Altera’s Design Store: https://cloud.altera.com/devstore/board/?family=max-10

Note that CDs and DVDs are not included with this kit. If you prefer to have a CD or DVD copy of the MAX 10 FPGA Evaluation Kit installer and Quartus II software delivered to you, contact an Altera sales representative at 1-888-800-0631 or order online at www.altera.com/literature/lit-index.html. For other related resources, visit the following links:

- MAX 10 FPGA documentation
  http://ww.altera.com/literature/lit-max-10.jsp
- MAX 10 FPGA device overview
  http://www.altera.com/devices/fpga/max-10/max-10-index.html
- Purchase MAX 10 FPGAs on-line
  http://www.altera.com/buy/devices/buy-devices.html
- Email subscription to receive new or updated technical documentation
  https://www.altera.com/subscriptions/email/signup/eml-index.jsp

For any additional questions on this product, please contact your local Altera sales representative.

Sincerely,

Thomas M. Schulte

Senior Product Marketing Manager
Altera Corporation