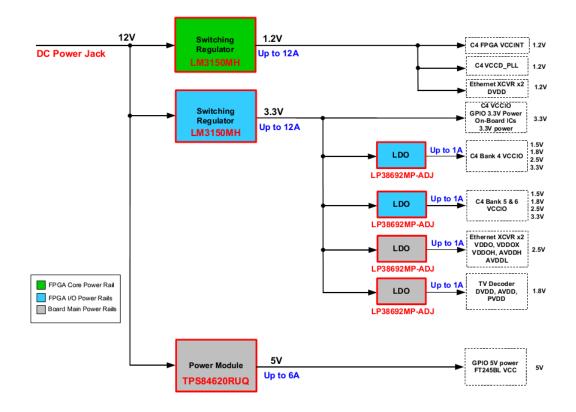
DA D%), %fDE2-115ŁTest Report

Contents

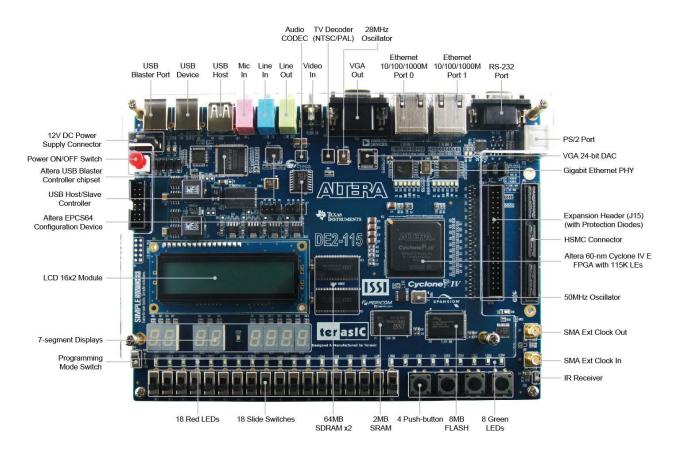
Power Tree Block Diagram Board Photos Power-up Sequence Output Ripple Voltage (Full Load) Load Regulation

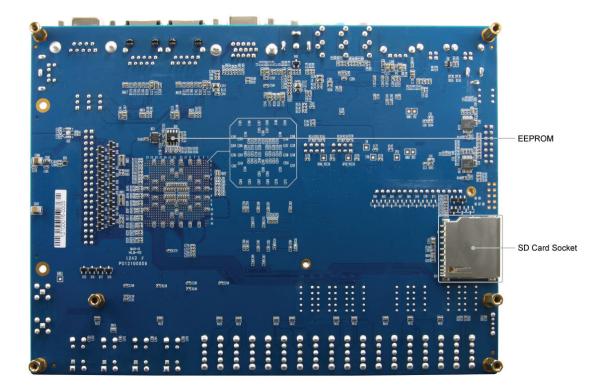
1) Power Tree Block Diagram



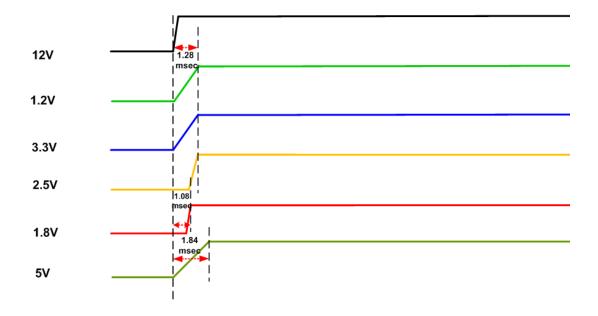
2) Board Photos

Top View





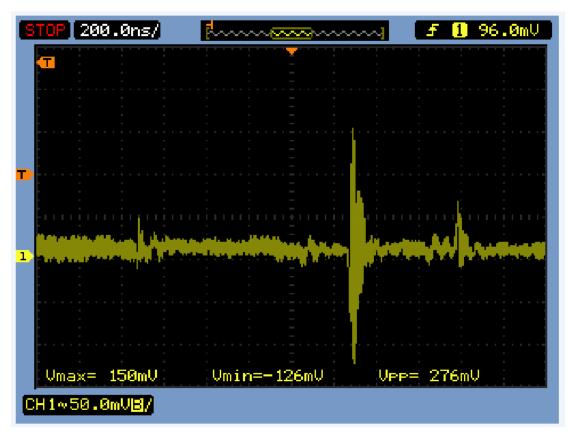
3) Power-up Sequence



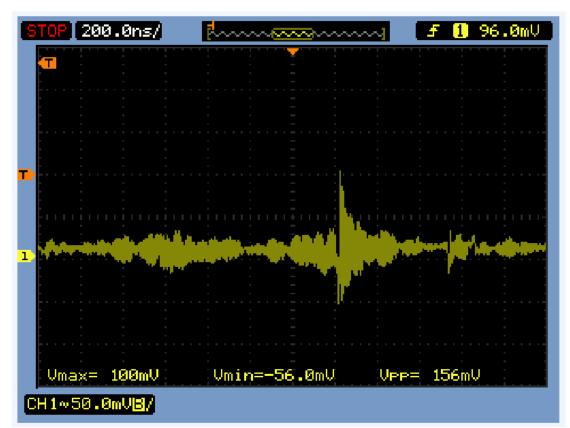
DE2-115 Power-up Sequence

4) Output Voltage Ripple

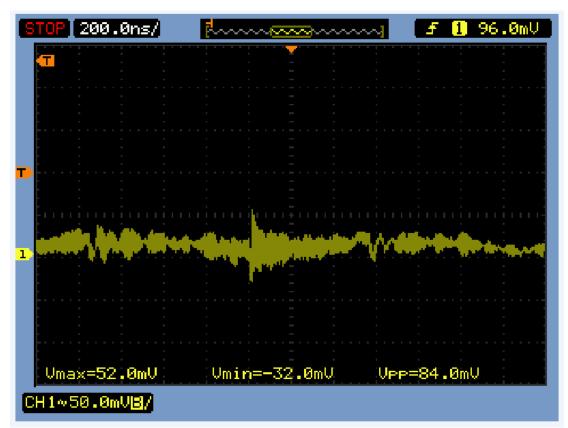
The images below shows the output voltage ripple when load is fully applied. The input voltage is 12V.



LM3150: VIN = 12V, VOUT = 1.2V, IOUT = 4A Output Ripple Voltage



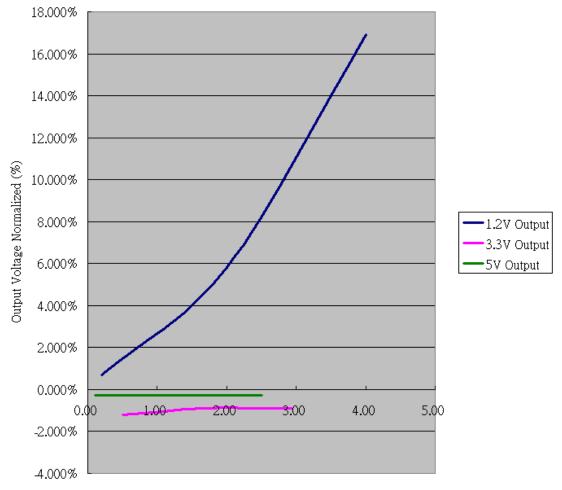
LM3150: VIN = 12V, VOUT = 3.3V, IOUT = 2.5A Output Ripple Voltage



TPS84620: VIN = 12V, VOUT = 5V, IOUT = 3.3A Output Ripple Voltage

5) Load Regulation

The images below show the output load regulation. The input voltage is 12V.



Output Current (A)

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