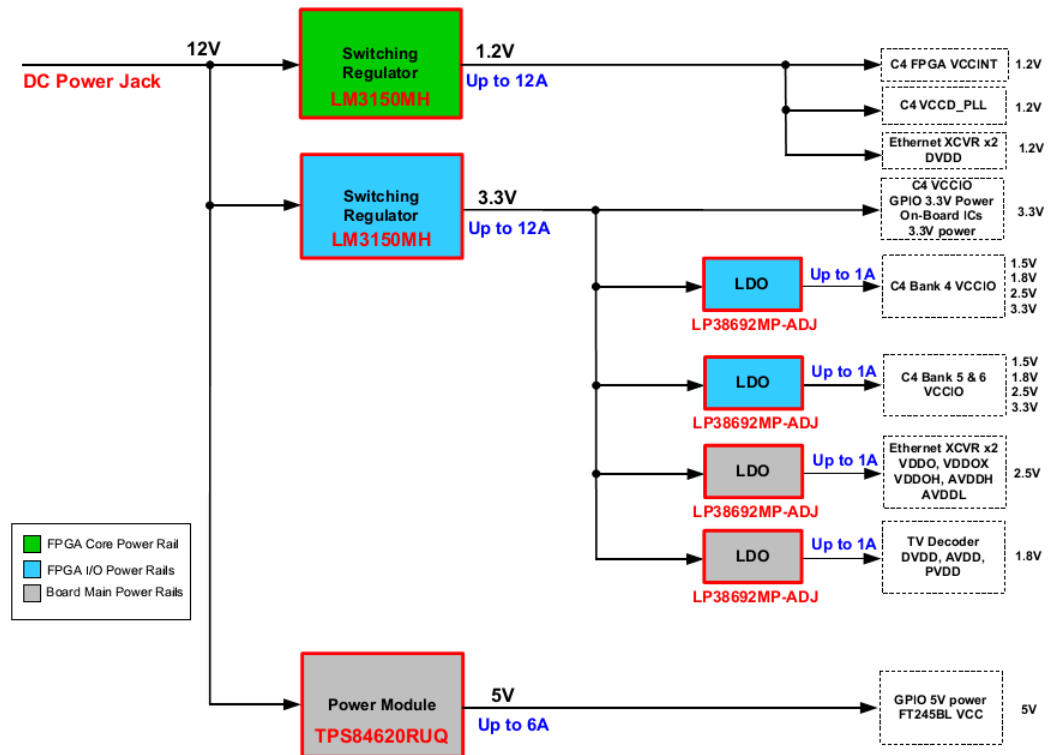


DA D%\$) , %fDE2-115LTest Report

Contents

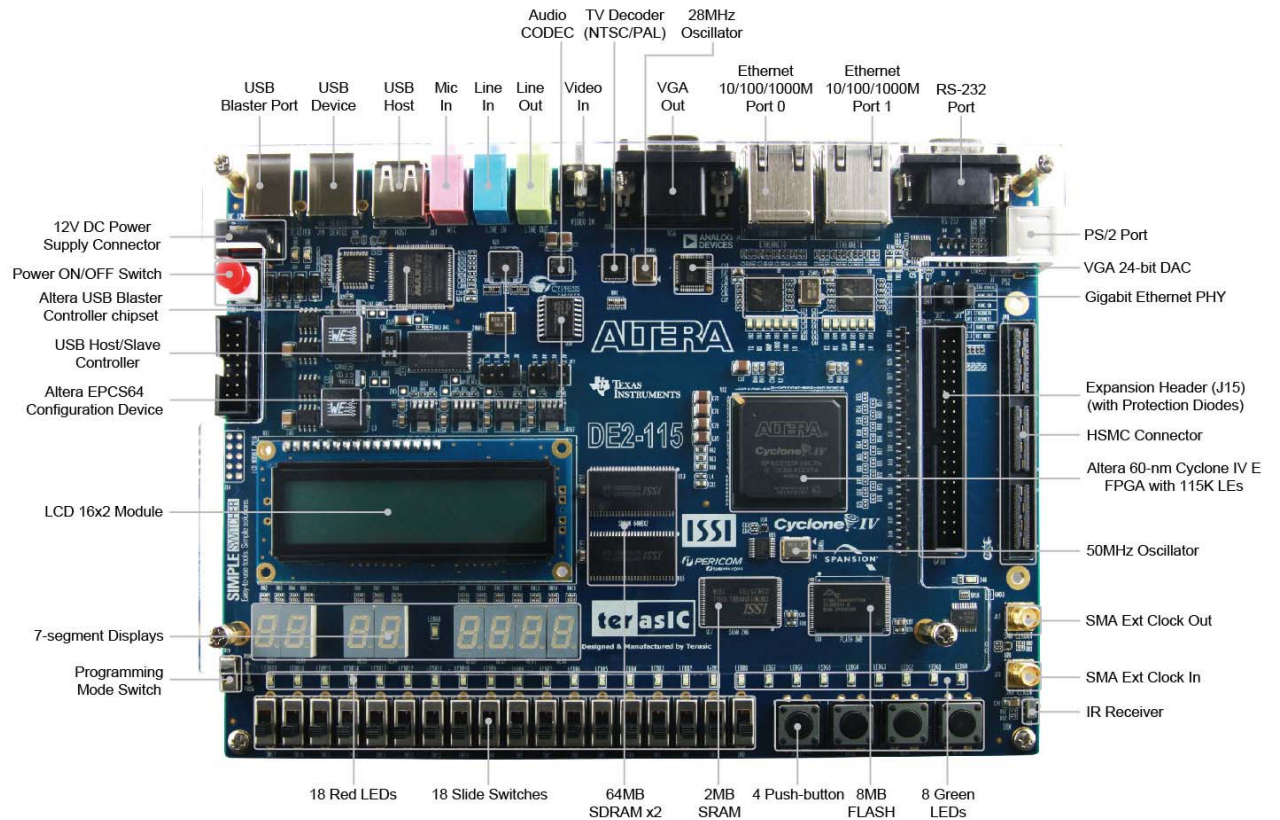
Power Tree Block Diagram
Board Photos
Power-up Sequence
Output Ripple Voltage (Full Load)
Load Regulation

1) Power Tree Block Diagram

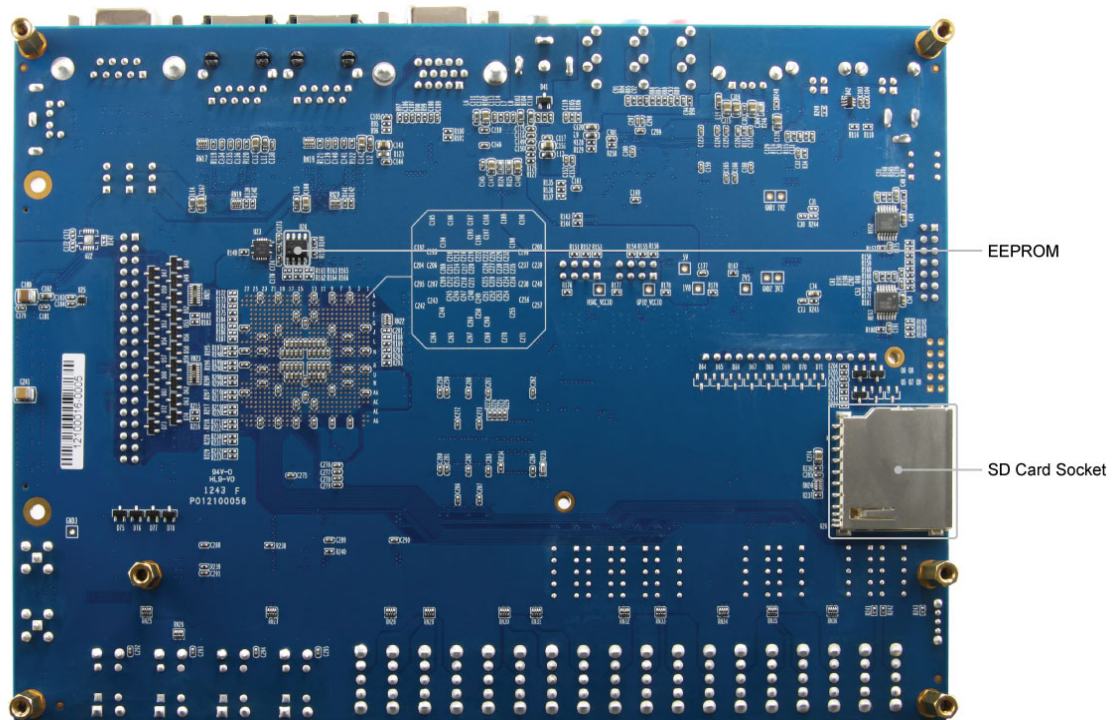


2) Board Photos

Top View

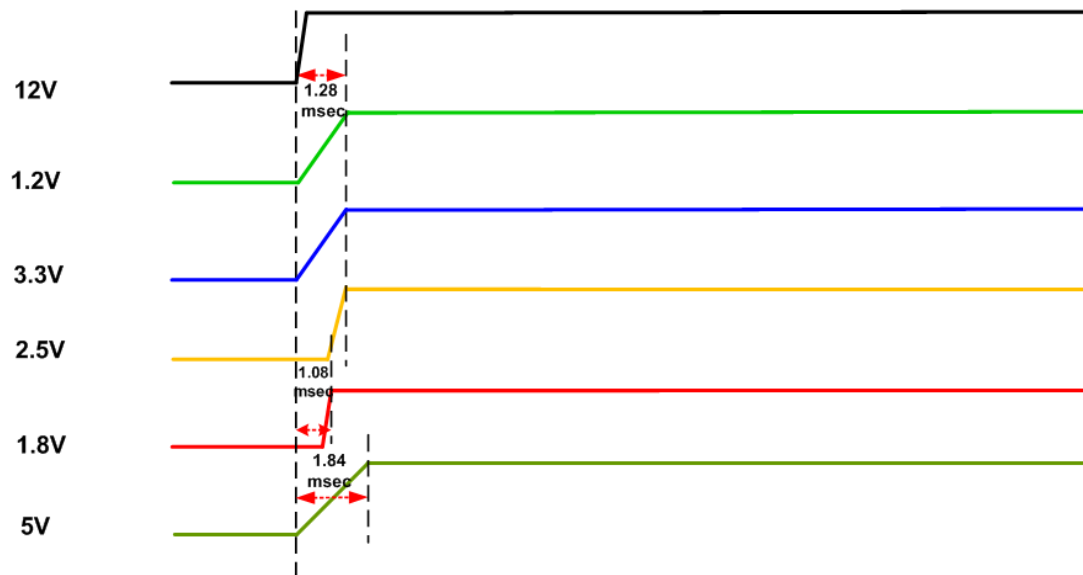


Bottom View



3) Power-up Sequence

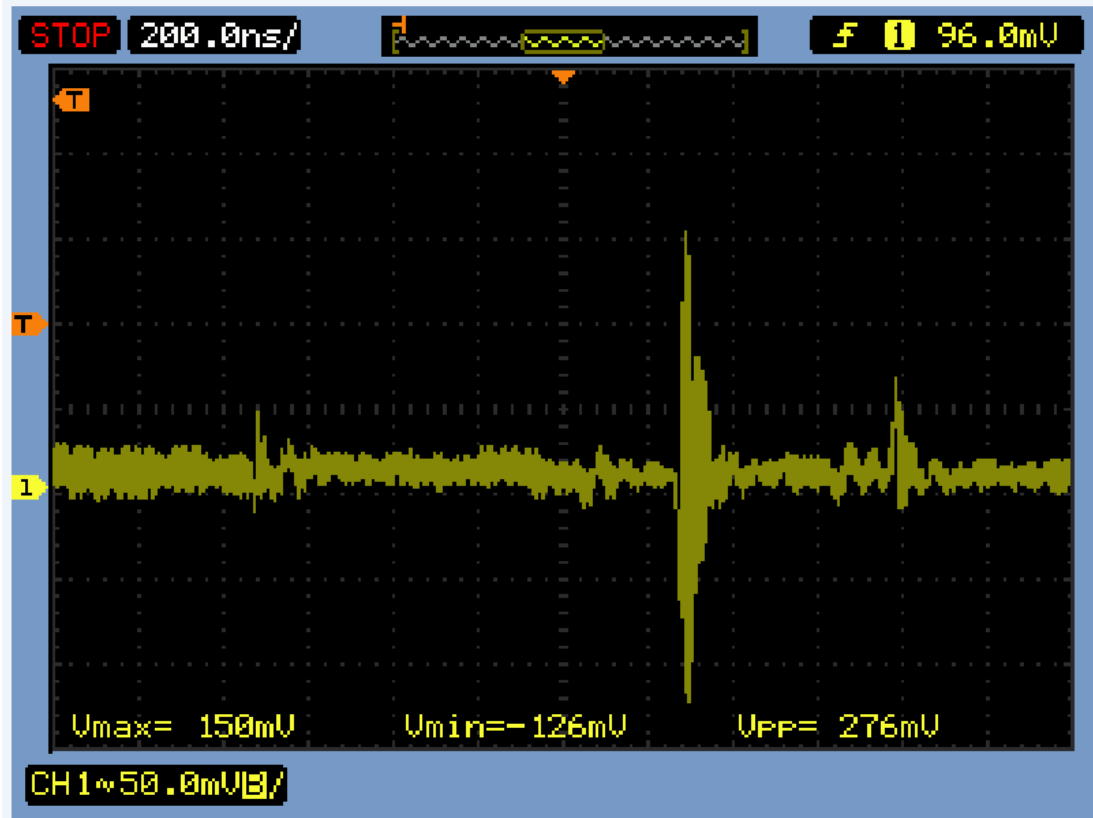
DE2-115 Power-up Sequence



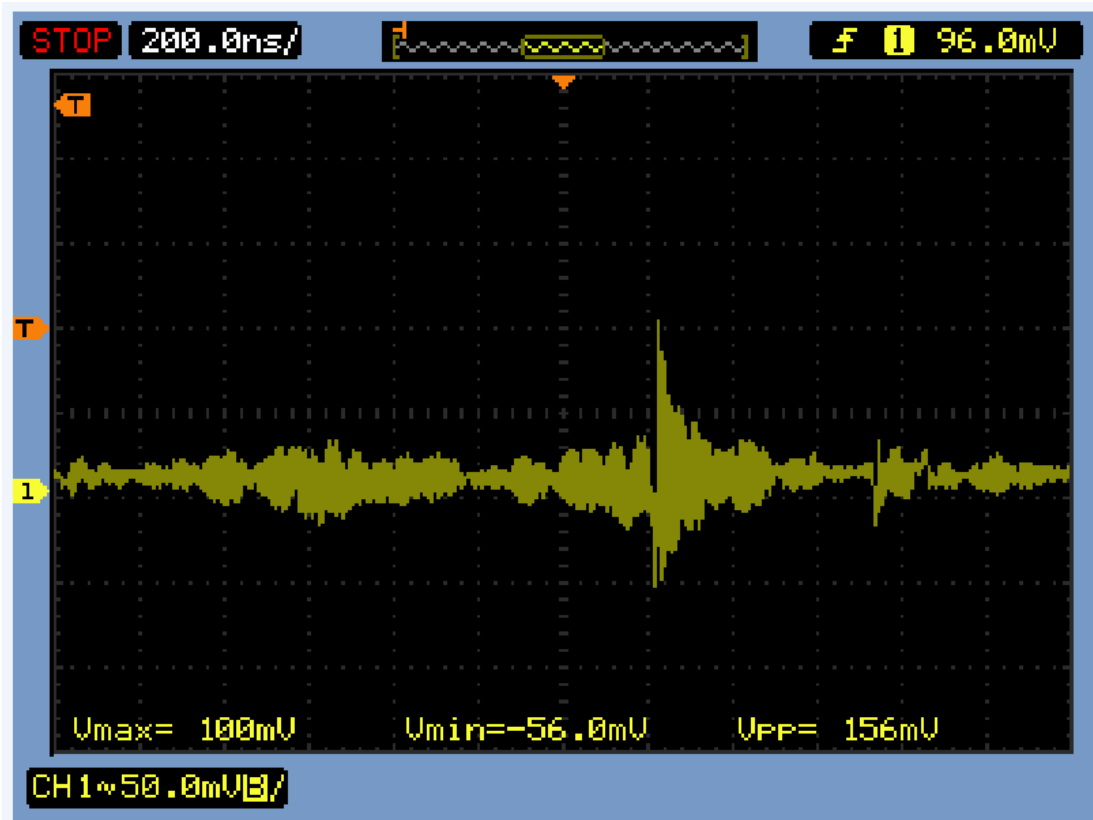
4) Output Voltage Ripple

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

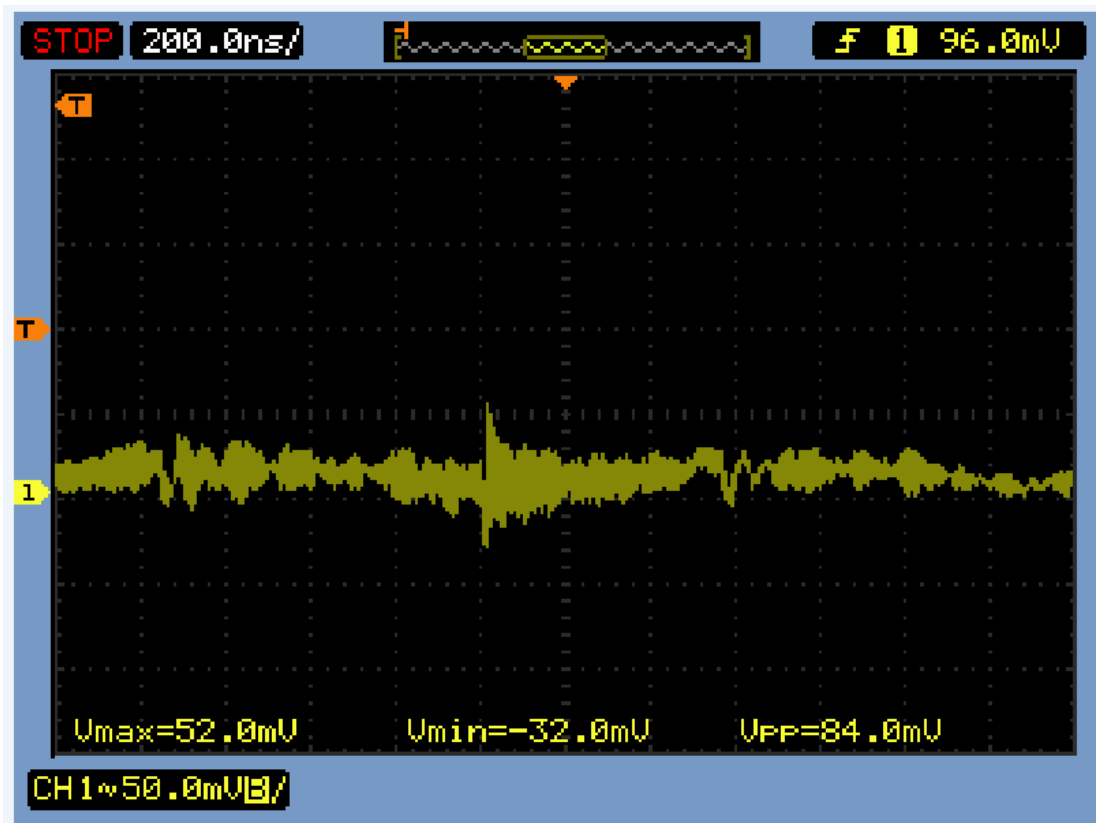
LM3150: VIN = 12V, VOUT = 1.2V, IOU = 4A Output Ripple Voltage



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

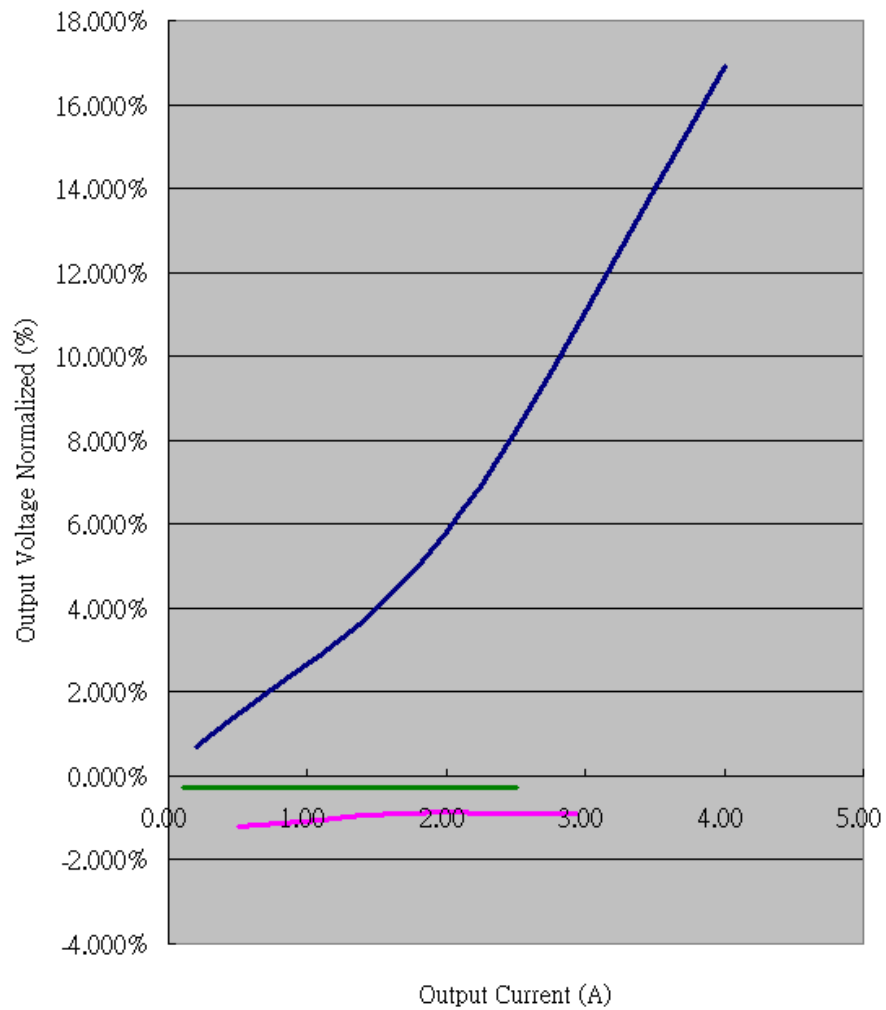


TPS84620: VIN = 12V, VOUT = 5V, IOUT = 3.3A Output Ripple Voltage



5) Load Regulation

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



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