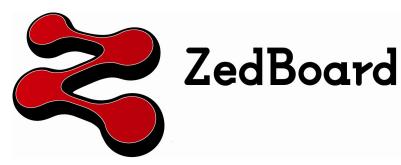
**ZED Board** www.zedboard.org **Function Sheet Number** Cover Sheet FMC, AMS Connectors 2 PMODS, General I/O 3 4 Audio Codec HDMI, VGA Ethernet, OLED, SD Card 6 USB UART **FPGA Configuration** 9 **FPGA Banks** 10 DDR, MIO Banks **FPGA Power** 11 12 **USB** Programming 13 DDR3 Memory **DDR Termination** 14 15 Power Regulation



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# 10/6/2020

#### Revision History

# Revision E Changes

16 Jan 2019

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- Replaced micro USB receptacles with four-legged through-hole variant for greater mechanical stability
- Fixed IC1B floating OE# pin
- Interchanged VCC1V0 and VCC1V5 on power supply channels to allow for larger current on VCC1V0: <4A</li>
- Ferrite bead FB13 was replaced by 0-ohm shunt.

# Revision D Changes

#### 29 Jan 2013

- Sheet 6: Replaced RJ-45 connector 1840808-7 (obsolete) with replacement 1840750-7
- Sheet 6: Added 50ohm series termination resistor to SD Clock signal
- Sheet 7: Modified C89 to 150uF to match USB requirements
- Sheet 7: Modified R150 connection to directly connect to pin 1 on J14
- Sheet 13: Modified DDR3 symbols to include missing pins
- Sheet 13: Modified CKE0 termination to connect to VTT rail
- Sheet 17: Added connectors to power heatsink fan

#### 26 Feb 2013

- Sheet 4: Modified R87 to 10K to match datasheet recommendation
- Sheet 5: Modified R108 to show "No Load" status
- Sheet 16: Corrected typo

### 1 Mar 2013

- Sheet 1: Corrected typo
- Sheet 6: Removed R293 and note on termination placement, and added it to R293 circuit to sheet 10
- Sheet 13: Modified IC25, IC26 part number to MT41K128M16JT-125:K to match loaded part
- Sheet 16: Modified C374 to be 10uF to match datasheet recommendation

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Power Regulation

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