PicoZed FMC Carrier Gen2

3/15/2016

10:37:25 AM
Note: the FMC Module has the JTAG pullup-resistors.

JTAG signals routed on the outer layers and away from noisy analog sources.
J X2 - HDMI Video Encoder

ADV7511 POWER SUPPLY FILTERS

1.0V

HDMI

by the monitor via a 1K
NOTE: HPD is pulled up
POWER JACK

NOT ATX COMPATIBLE

BOARD POWER

VIA TO 5V POWER SUPPLY

SOM POWER CONTROL

FAN HEADER

DESIGN NOTES - Switching Frequency is set to 600kHz via 22M resistor.

VADJ SELECTION (1.8, 2.5V, 3.3V)

POWER SEQUENCE:

Vccio_En -> 1V -> 1.2V & 1.8V -> VADJ & 3.3V

5 CHANNEL SEQUENCED POWER SUPPLY