Peltier Drive B    V

J13

J12

2
1

JTAG

Sensor Int. B

J5   J1

Debug RS232

SBC RS232

LED Cntrl

Misc. I/O

Camera

Motor Cntrl

Power Relay

LIDA
TP1
TP2
LIDB

MT3   MT4   MT1   MT2

+3.3V   +1.8V   +1.2V   +2.5V   +5V   GND

TP3 TP4 TP5 TP6 TP7 TP8

Sensor Int. A

U21   U22   U23

Peltier Drive A

Code Running

Boot Loader Running

Heartbeat

LCD Display

DISP1

J4   J7

LD0 LD1 LD2 LD3 LD4 LD5 LD6 LD7

PCBS-GEN-0914 REV D
FPGA PlateCycler Board
Idaho Technology

Silkscreen (Top)

25 Aug 2009

PCBA-SUB-0914
Idaho Technology
2E8DOGO2S