Debug Connector

+5V CON

J3
53047-0210
1
2
[1] +5.0V

+3.3V [1] J1
1   2   [1] +3.3V
3   4
5   6
SYS_SWDIO [1]   7   8
SYS_SWCLK [1]   9   10

HEADER_2.54MM_2X5

PCB HOLE 4ea

P1   1   P2   1
HOLE2.0   HOLE2.0

P3   1   P4   1
HOLE2.0   HOLE2.0

J4
USB-A-4P-FEMALE
+5.0V [1]   1
SYS_SWDIO [1]   2
SYS_SWCLK [1]   3
4
5   6

+3.3V System Power

+5.0V [1]

J2
HI05-AG0272
USB_VBUS   1
USB-   2
USB+   3
ID   4
GND   5

HOLE   HOLE   Z4   Z3   Z2   Z1
I1   I0

470
R1
LED-1608
LED1

D1
BZT52C5V1S

R2
10K

R3
NC

C1
4.7uF

U2
LM3671MF-3.3
VIN   SW   1
GND   2
EN   FB   3

L1
LQM2HPZ2R2MG0

C2
10uF
C-1608

Power On LED

470
R4
LED-1608
LED2

[1] +3.3V