100.000mil
4000.000mil
650.000mil
4500.000mil
58.000mm
JETSON
J3
J4
J5
GND 3.3V SCL SDA
IOREF RESET 3.3V 5V GND GND Vin
A0 A1 A2 A3 A4 A5 A6 A7
A8 A9 A10 A11 DAC0 DAC1 CANRX CANTX
Open Configurable High-Throughput Imaging Platform
For Research Use Only. Not for use in diagnostic procedures.
Power Barrel Jack DUE
Programming USB
Native USB
DUE7
DUE6
DUE5
DUE4
DUESPI
ARDUINO DUE
DUE1
DUE2
DUE3
3.3V GND
AREF IOREF
GND A5 A4
53 A7 A6
51 A9 A8
49 A11 A10
47 44 45
45 42 43
43 40 41
41 38 39
39 36 37
37 34 35
35 32 33
33 30 31
31
29 SCK 3.3V
27 MOSI MISO
25 RX1 18/TX1
23 SCL 20/SDA
5V 5V GND
J2
J1
Control Panel
SCL1 SDA1 AREF GND 13 12 11 10 9 8 7 6 5 4 3 2 1/TX0 0/RX0 14/TX3 15/RX3 16/TX2 17/RX2 18/TX1 19/RX1 20/SDA 21/SCL
J6
GND 3.3V SCK MISO MOSI 1
SPI
J7
GND 3.3V SCK MISO MOSI 0
SPI
4000.000mil
4500.000mil
100.000mm
88.000mm
10.000mm
200.000mil
79.000mm
4.000mm
Octopi Driver
v0.2.0 Stack
Processing Plane
v0.2.0 for Due
Prakash Lab / Octopi Team
Stanford University