

DAQ-2-B



TEAM PHANTOM

Altium

Raspberry Pi

J1

S2



IMU

J28 DOUT4

J27 DOUT3

J26 DOUT2

J25 DOUT1

J24 AOUT22

J23

Coolant Temp
J23-J24



J22

J21

J20

J19

J18

J17

J16

J15

J14

J13

J12

J11

J3

J4

J5

J6

J7

J8

J9

J10

ADC2_OUT

JP10

ADC1_OUT

JP13

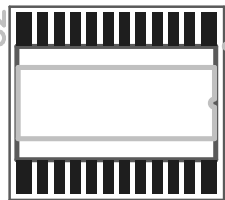
JP11

SCL

SDA

JP12

U2



C1

R1

R12

K1

R11

R10

R9

R8

R7

R6

R5

R4

5V
3V3

R2

D1

R3

C3

D2

C2

U1

JP8

MUX2_S0

3V3

JP9

5V

JP5

JP6

JP7

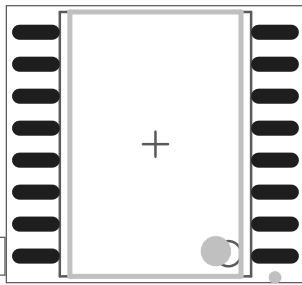
MUX2_S1

GND

JP1

C5

MUX 2: J17-J24



U6



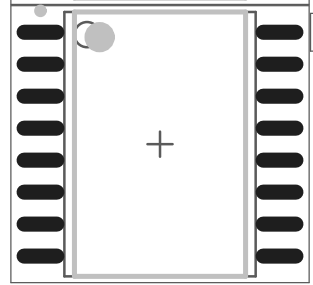
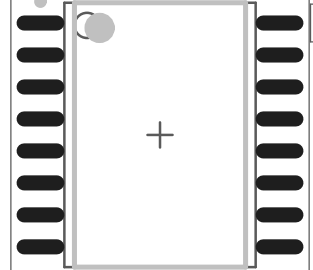
U5

U4

C6

U7

MUX 3: J3-10



U3 MUX 1: J11-J16

MUX1_S2

MUX1_S1

MUX1_S0

JP4 JP3 JP2

C8

C4

DAQ-S-B



Pin 1

ADCS_OUT

ADCI_OUT

INTPT
SDA
SCL
GND
2V

3V3
GND
DOUT

DOUT5
DOUT4
DOUT3

TUOA
GND
VOUT

TUOA
GND
2V

TUOA
GND
2V

TUOA
GND
2V