





ANALOG SHARPS

JP5

SHARP1_OUT

+3V3

GND

JP7

SHARP2_OUT

+3V3

GND

JP8

SHARP3_OUT

+3V3

GND

PSU

JP10

BATV

1

2

3

4

+3V3

GND

JP14

LED2

+3V3

GND

R19

1k

1

2

+3V3

GND

C23

100n

1

2

BATV

GND

U1

3.3V

IN

OUT

ADJ

1

2

3

100n

+3V3

GND

C25

100n

1

2

+3V3

GND

DIGITAL SHARPS & OTHER

JP9

D_SHARP

+3V3

GND

JP16

SONAR

SONAR_TRIG

SONAR_ECHO

1

2

3

4

+3V3

GND

JP17

SONAR

SONAR2_TRIG

SONAR2_ECHO

1

2

3

4

+3V3

GND

BUTTONS

BUTTON_1

S1

SW

GND

BUTTON_2

S2

SW

GND

BUTTON_3

S3

SW

GND

BUTTON_4

S4

SW

GND

UNUSED PINS