The Touch Board runs on 5V and has a 3.3V regulator to power 3.3V logic circuits. These are great for grounding shielded cable when used with the electrode solder pads.

The Touch Board has a special chip for MP3 decoding and MIDI function.

The Touch Board uses a dedicated touch chip for touch and proximity sensing.

The Touch Board has a 3.3V regulator to power up from LiPo batteries.

These are for your project’s additional features.

The larger touch electrodes and are useful for permanent project installations.

0 Value 5V
0 Reading 1023
4.9mV per unit

Audio

Digital Pins for Touch

Electrode Solder Pads

Analog Pins

3.3V

5V

Ground

Not Connected

Power Max Loads

Startup < 100mA
Softstart < 400mA

Pin 2 SDA = SDA
Pin 3 SCL = SCL

UNALLOCATED DIGITAL PINS

DIGITAL PINS FOR MP3 DECODER

Remove solder bridges to disable MP3 functionality and use.

MIDI

Audio Signal OUT

GND

UNALLOCATED DIGITAL PINS

DIGITAL PINS FOR TOUCH IC

E11 to E0

ELECTRODE SOLDER PADS

POWER MAX LOADS

STARTUP < 100mA
SOFTSTART < 400mA

The Touch Board runs on 5V and has a boost circuit to power up from LiPo batteries.

The Touch Board has a 3.3V regulator to power 3.3V logic circuits.

These are great for grounding shielded cable when used with the electrode solder pads.

This is to accommodate standard 8 pin headers.

Audio

Digital Pins for Touch

Electrode Solder Pads

Analog Pins

3.3V

5V

Ground

Not Connected

Power Max Loads

Startup < 100mA
Softstart < 400mA

Pin 2 SDA = SDA
Pin 3 SCL = SCL

Unallocated Digital Pins

Digital Pins for MP3 Decoder

Remove solder bridges to disable MP3 functionality and use.

Midi

Audio Signal OUT

Gnd

Unallocated Digital Pins

Digital Pins for Touch IC

E11 to E0

Electrode Solder Pads

Power Max Loads

Startup < 100mA
Softstart < 400mA

Pin 2 SDA = SDA
Pin 3 SCL = SCL