BNO055+BMP280 Breakout Board by Pesky Products

SDA / SCL Pullups

GND*

3.3V*

GND	NC
3.3V	NC
NC??	Boot (In)
SCL	Reset (In)
SDA	Interrupt (Out)

PS0 Solder pads

GND Solder pads

PS1 Solder Pads
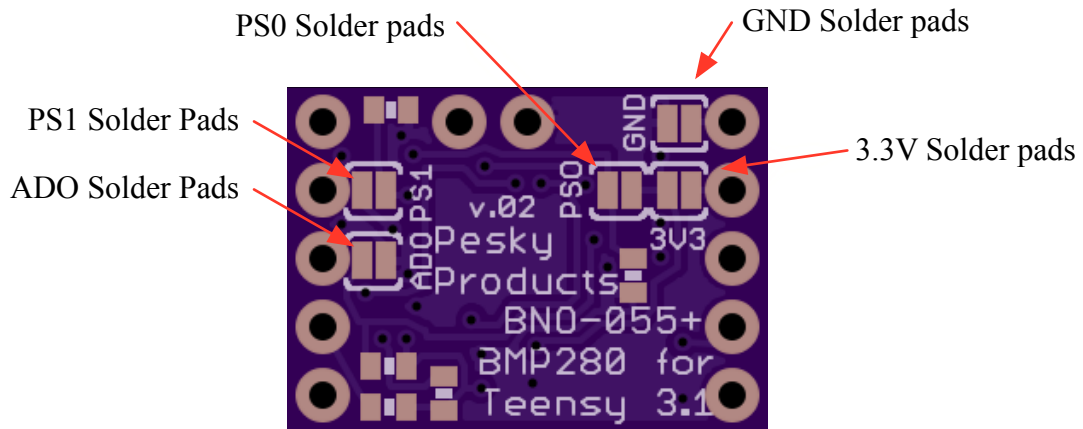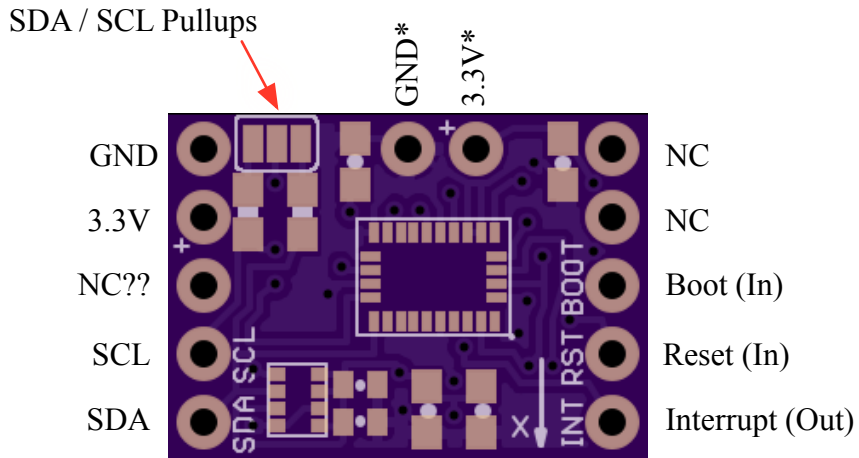
ADO Solder Pads

3.3V Solder pads

Solder Pads

Pads	Function	Unsoldered	Soldered	Teensy3.1 Setup
ADO	I2C Addr	0x29	0x28	Unsoldered
SDA/SCL	Pullups	Not pulled up to 3.3V	Pulled up to 3.3V	Soldered
PS1/PS0	See table below			Unsoldered
3.3V	Connects 3.3V* pad to 3.3V pad			Soldered
GND	Connects GND* pad to GND pad			Soldered

*These are the primary power pins.

PS1	PS0	Function
0	0	Standard I2C
0	1	HID over I2C
1	0	UART Interface
1	1	Reserved

0 = Unsoldered, 1 = Soldered