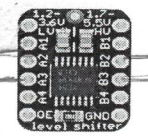


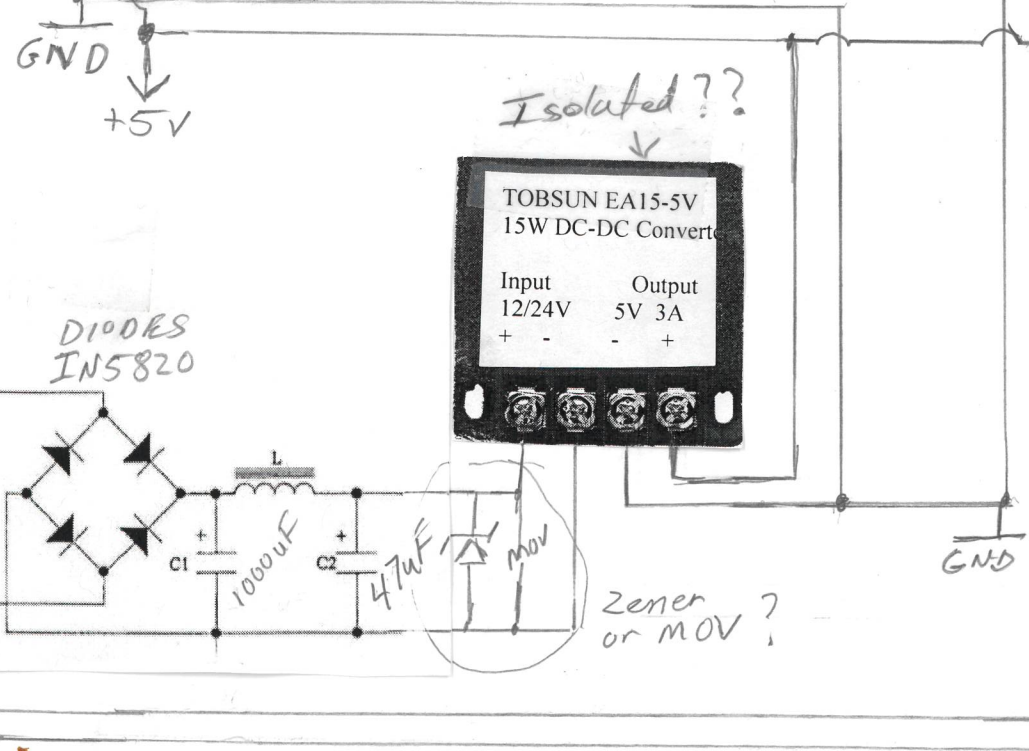
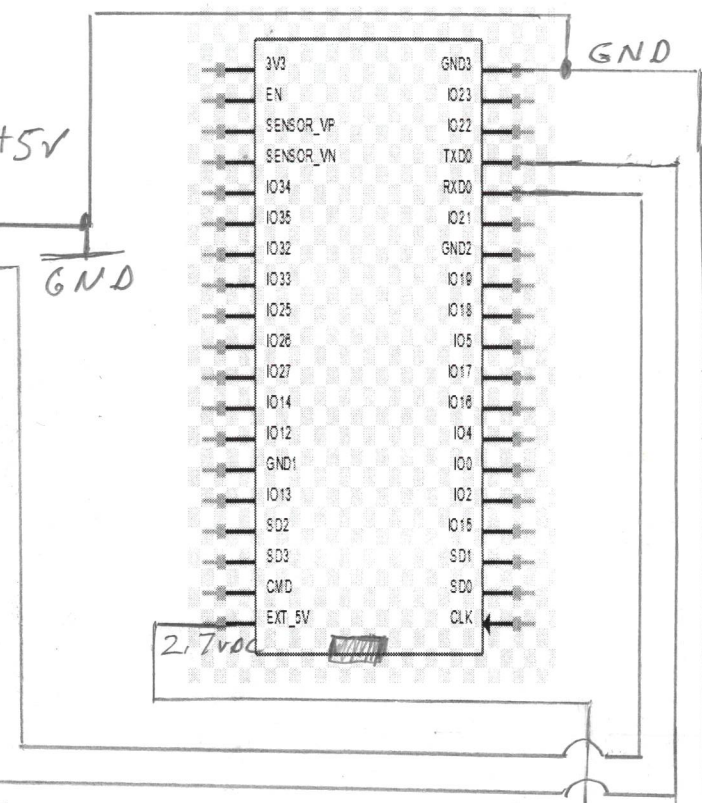
Adafruit TXB0104 Level Shifter



Raspberry Pi 4
Wired Serial Connection to Pulse Input & ESP32

Function	Pin Number	Pin Number	Function
3V3	1	2	5V
SPI3 MOSI/SDA3	3	4	5V
SPI3 SCLK/SCL3	5	6	GND
SPI4 CE0/NSDA3	7	8	TXD1 / SPI5 MOSI
GND	9	10	RXD1 / SPI5 SCLK
	11	12	SPI6 CE0 N
SPI6 CE1 N	13	14	GND
SDA5	15	16	SCL6
3V3	17	18	SPI3 CE1 N
SDA5	19	20	GND
RXD4/SCL4	21	22	SPI4 CE1 N
SCL5	23	24	SDA/TXD4
GND	25	26	SCL / SPI4 SCLK
SPI3 CE0 / TXD1 / SDA6	27	28	SPI3 MISO / SCL / RXD2
SPI4 MISO / RXD3 / SCL3	29	30	GND
SPI4 MOSI / SDA4	31	32	SDA / SPI5 CE0 N / TXD5
SPI5 MISO / RXD4 / RXD5	33	34	GND
SPI6 MISO	35	36	SPI1 CE2 N
SPI5 CE1 N	37	38	SPI6 MOSI
GND	39	40	SPI6 SCLK

ESP32 KeeYees Wroom
Connected by Header to Energy Board



6_channel_esp32_energy_meter_1.3_rev2
Input Power Section Only

