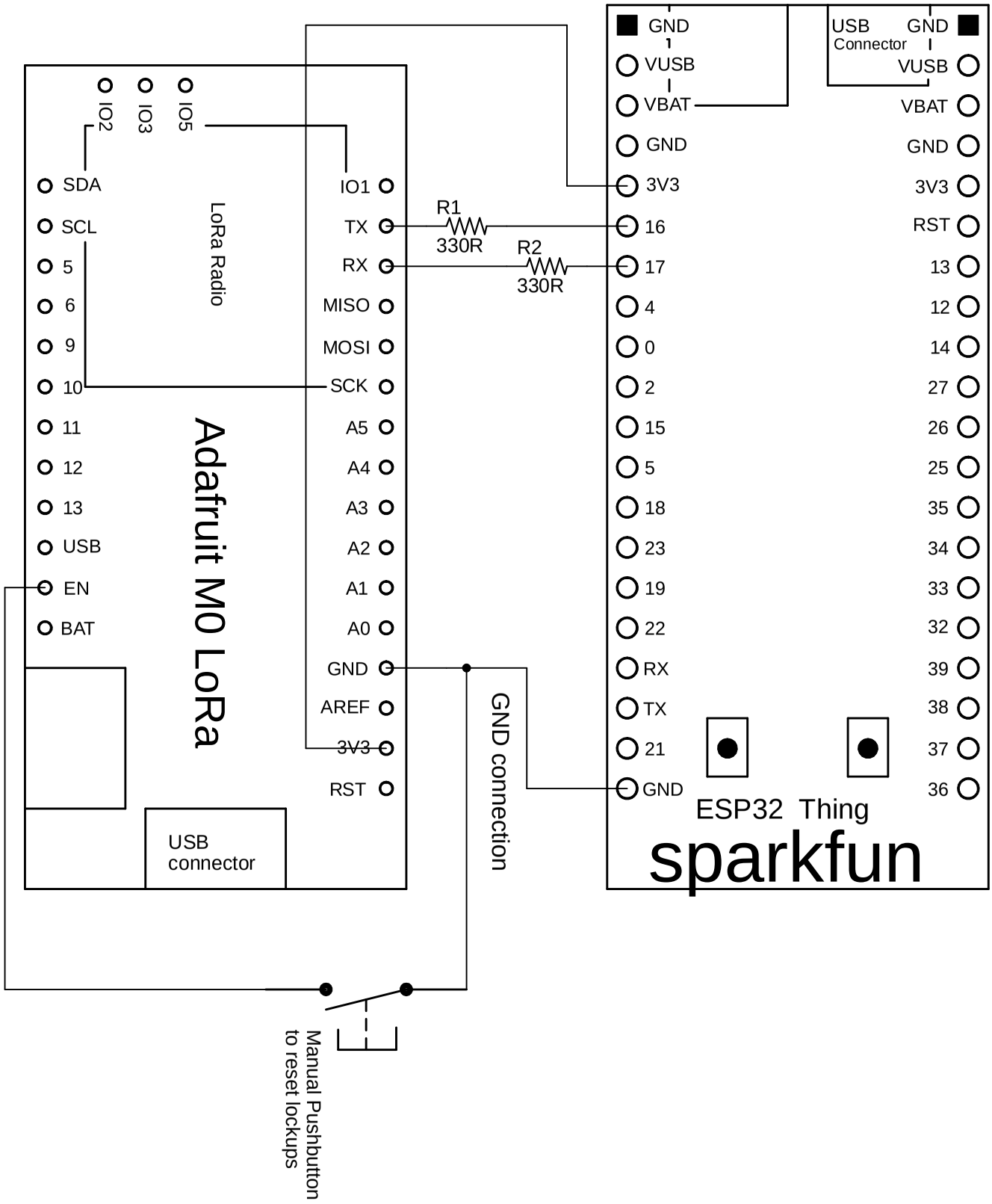
GND
VUSB
VBAT
GND
3V3
16
17
4
0
2
15
5
18
23
19
22
RX
TX
21
GND
USB
Connector
GND
VUSB
VBAT
GND
3V3
RST
13
12
14
27
26
25
35
34
33
32
39
38
37
36
ESP32 Thing
sparkfun
R1
330R
R2
330R
IO2
IO3
IO5
SDA
SCL
5
6
9
10
11
12
13
USB
EN
BAT
LoRa Radio
Adafruit M0 LoRa
IO1
TX
RX
MISO
MOSI
SCK
A5
A4
A3
A2
A1
A0
GND
AREF
3V3
RST
USB
connector
GND connection
Manual Pushbutton
to reset lockups