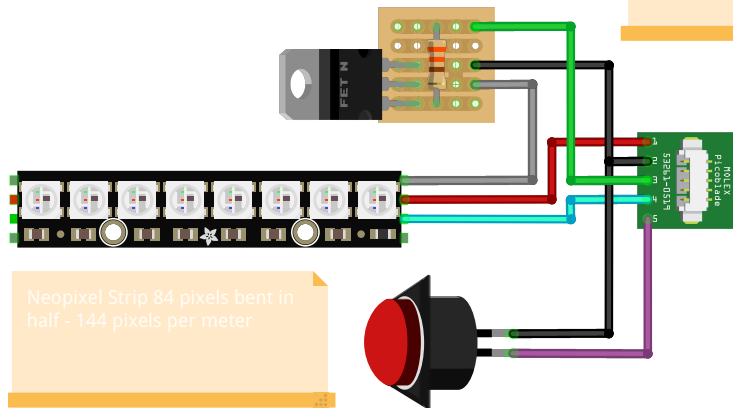


# Parts List

Adafruit Trinket M0  
 Adafruit 2.5W Audio Amp (2130)  
 Adafruit Trinket LiPoly Backpack (2124)  
 Adafruit SOT-23 breakout (1230)  
 Adafruit Cylindrical Battery (1781)  
 Adafruit Speaker Short Cable (4227)  
 Adafruit LIS3DH Accelerometer (2809)  
 1 Meter 144 pixel Neopixel Strip  
 Mosfet N-Channel IRLML0060 (RS 725-9341)  
 Momentary Push Switch (RS 734-6735)  
 PicoBlade 5 way M-F cable (RS 224-8717)  
 PicoBlade 2 way F-F cable (RS 224-8481)  
 330R Resistor

Speaker can be connected using PicoBlade flying lead or using the long cable speaker soldered direct to audio amp. Adafruit long lead speaker is part no: 3923

Using SOT-23 Adafruit carrier board with N-Channel Mosfet IRLML0060, 330R resistor.



To reduce standby power to 400uA or less the following modifications are made:  
 Dotstart LED removed from Trinket M0 (1.2mA quiescent)  
 Green LED removed from Trinket M0 (0.3mA quiescent)  
 Without these modifications power consumption in standby will be around 2.0 to 2.5mA.

