IR Receiver and Computer Power Interface

designed by: Lucas Kocia (03/28/20)

to computer +VSB (+5 VDC standby)
purple wire in ATX 24 Pin connector

LM358

100 kΩ

100 kΩ

100 kΩ

1 µF

to computer

ground

black wire

to computer power button

out line

LED to indicate when circuit is receiving an IR signal of the correct frequency

TL1838

VCC

+5V

OUT

GND

(IR receiver microcontroller)