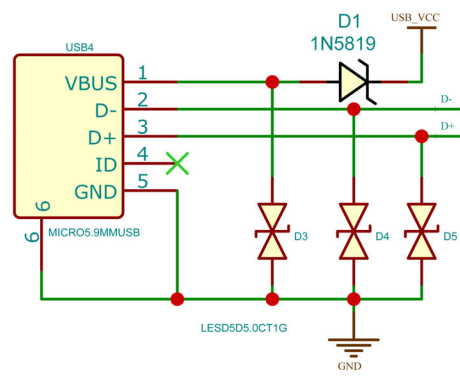
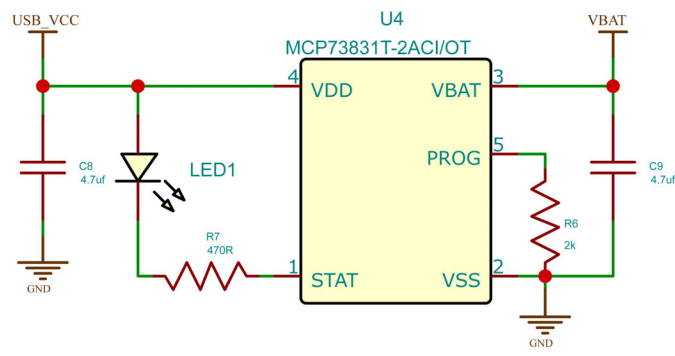


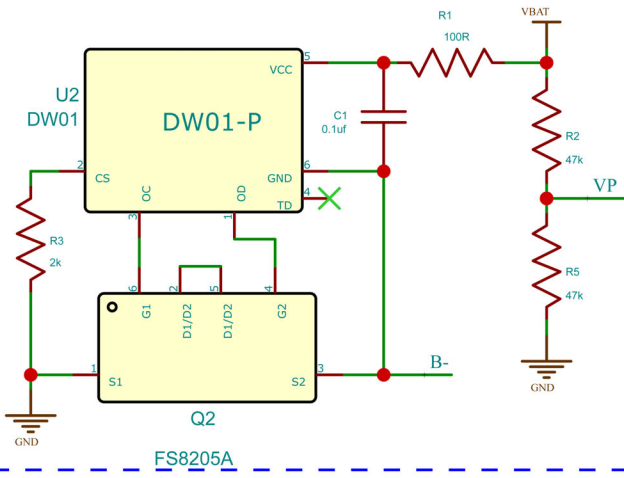
USB Input and ESD Protection



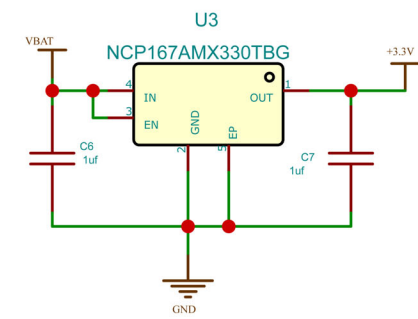
Battery Charger



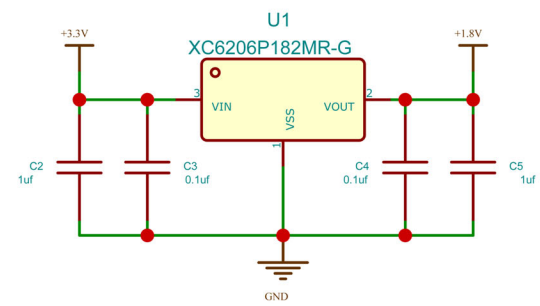
Battery Protection



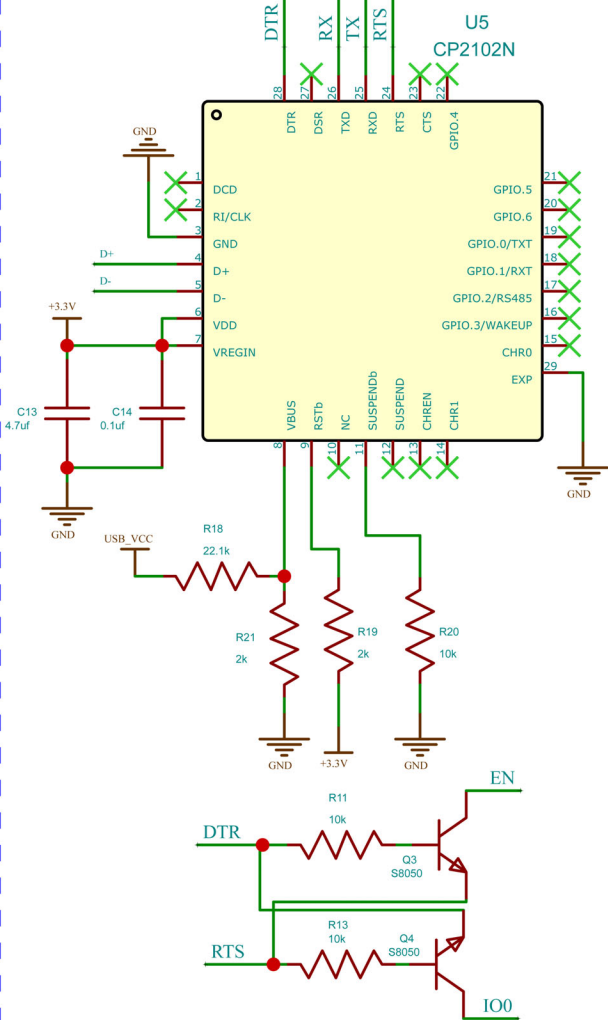
3.3V LDO 700mA



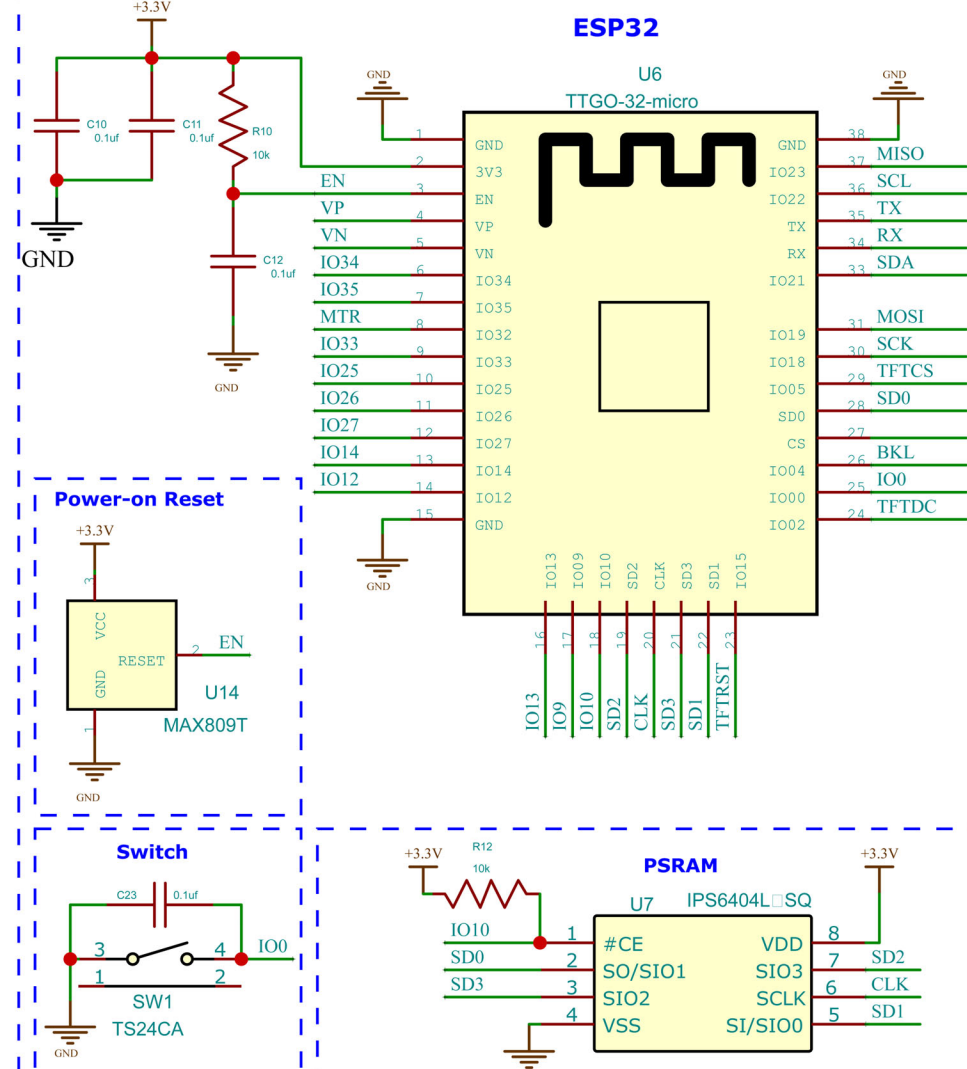
1.8V LDO 80mA



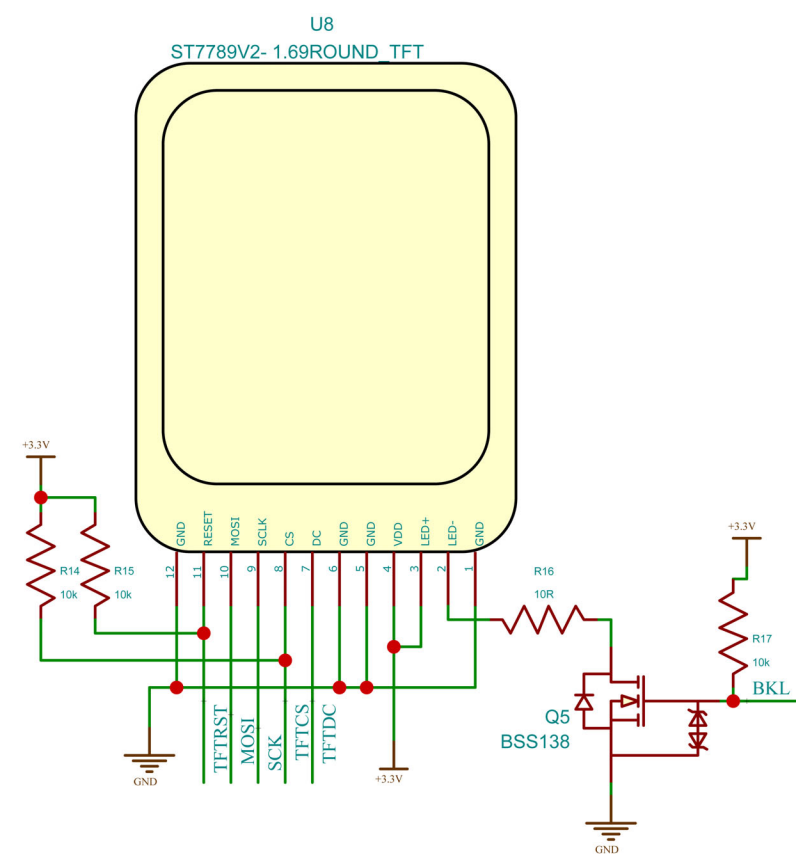
USB - UART Converter



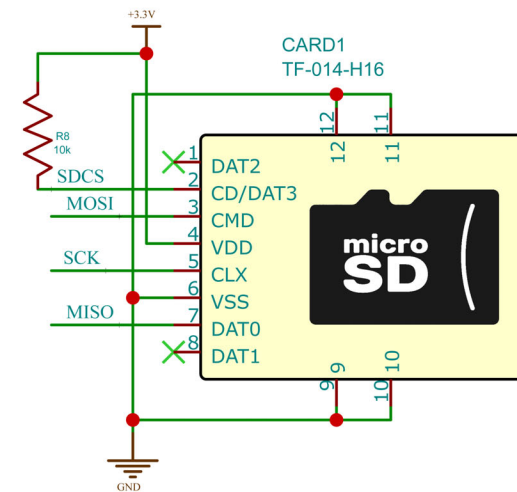
ESP32



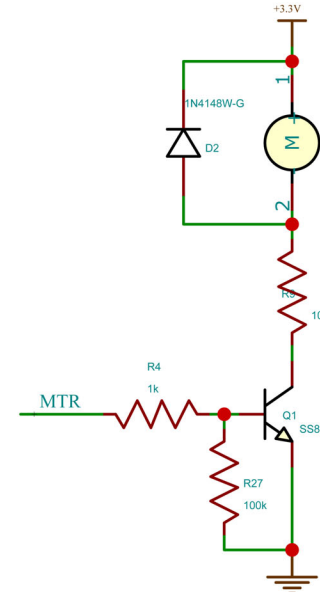
1.69" 240x280 TFT ST7789V



Micro SD Card

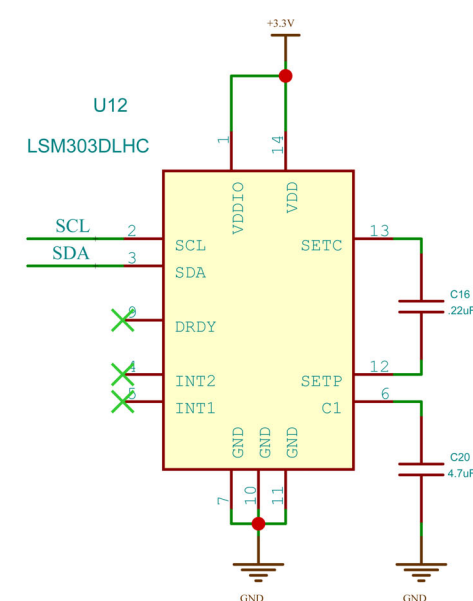


Vibration Motor

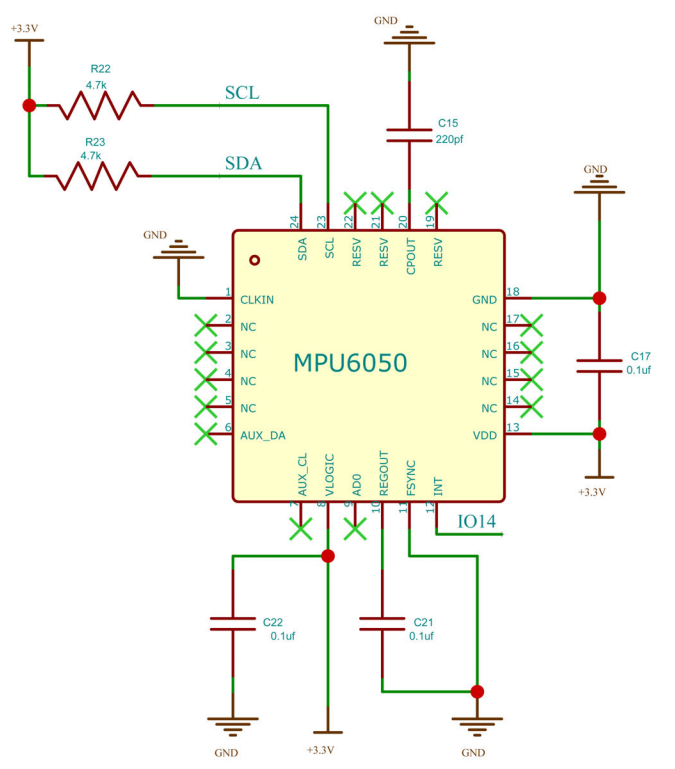


Accelerometer Magnetic Sensor

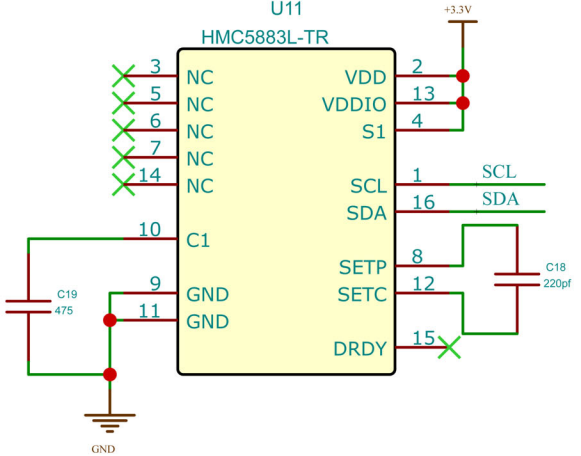
Optional- Populate if don't want to use MPU6050 and HMC5883L



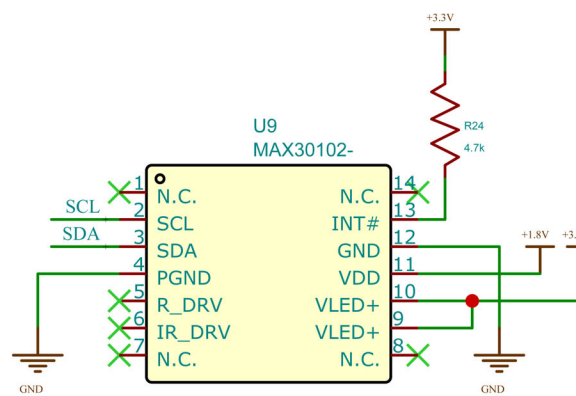
USB - UART Converter



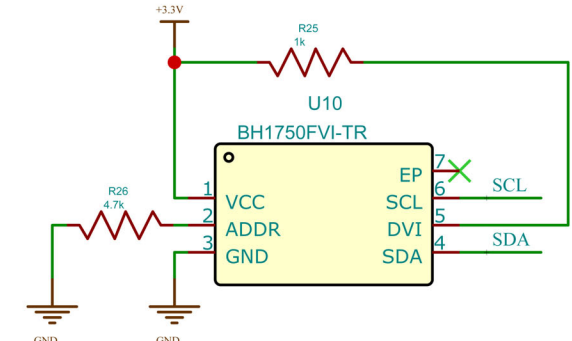
Magnetometer Sensor



Heart Rate - SPO2 Sensor



Ambient Light Sensor



TITLE:

SmartWatch

REV: 2.7a



Company: Semicon Media Pvt Ltd

Sheet: 1/1

Date: 2022-08-18

Drawn By: Jobit Joseph