

RuuviTracker

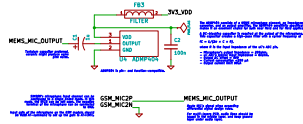
Open Source Tracking Solution

RevB (Swift 2020)

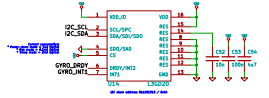
<http://www.ruuviTracker.fi>

ARM Cortex-M4

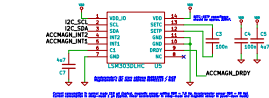
MEMS Microphone



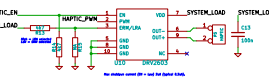
Gyroscope



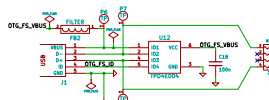
Accelerometer & Magnetometer



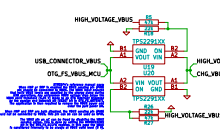
Haptic Driver



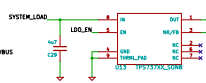
Micro-USB-AB + ESD Protection



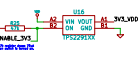
USB VBUS Protection



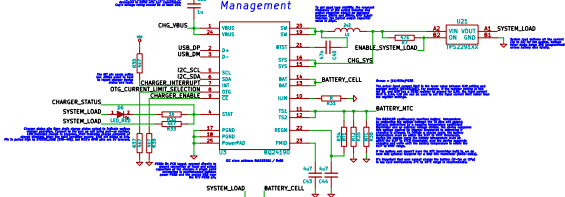
LDO Regulator



3V3 Load Switch



Power Management



LiPo/Li-ion/LiFePO4 Battery Cell



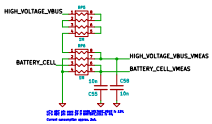
High-voltage Power Connector (4-17VDC)



EMI Shield



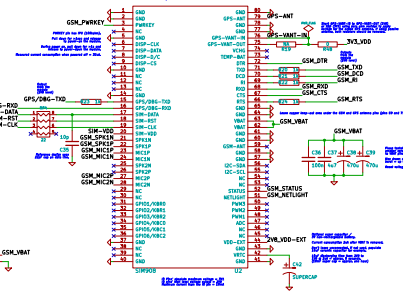
Supply voltage divider



GSM's Load Switch



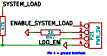
GSM / GPS Module



GSM Line-In



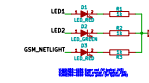
Power Switch



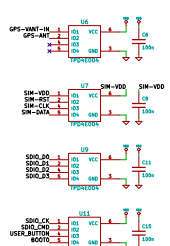
Buttons



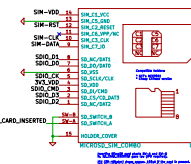
LEDs (uC + GSM)



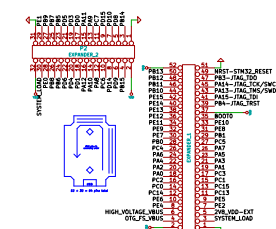
ESD Protection



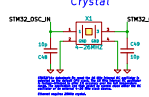
MicroSD + SIM



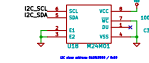
IO Expanders



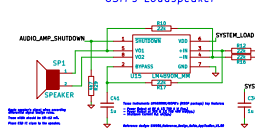
Crystal



EEPROM



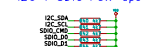
GSM's Loudspeaker



Level-shifter



I2C + SDIO Pull-ups



Fiducials



Plated Holes

