

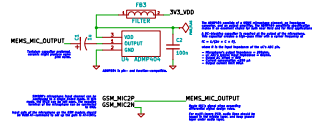
# Ruuvitracker

Open Source Tracking Solution

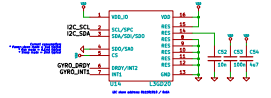
RevB (draft 0005)  
<http://www.ruuvitracker.fi>

ARM Cortex-M4

MEMS Microphone



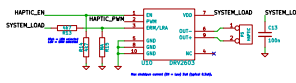
Gyroscope



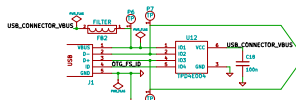
Accelerometer & Magnetometer



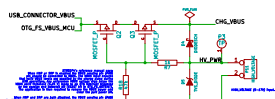
Haptic Driver



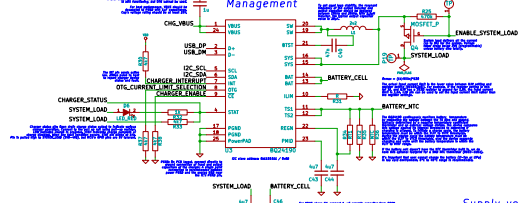
Micro-USB-AB + ESD Protection



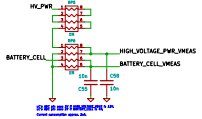
USB VBUS Protection



Power Management



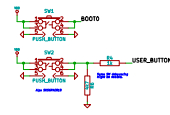
Supply voltage divider



EMI Shield



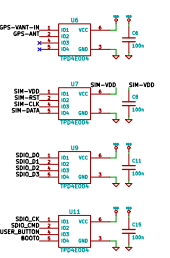
Buttons



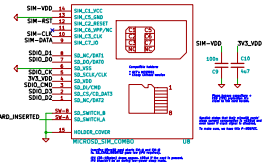
LEDs (uC + GSM)



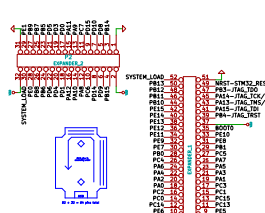
ESD Protection



MicroSD + SIM



IO Expanders



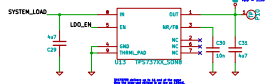
GSM's Power



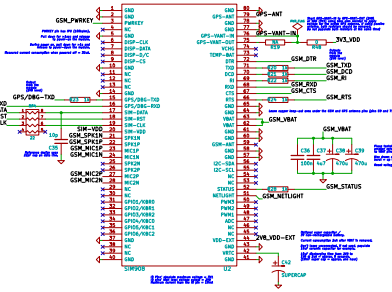
Second 3V3 Power



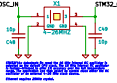
LDO Regulator



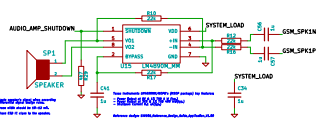
GSM / GPS Module



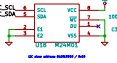
Crystal



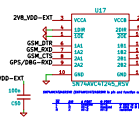
GSM's Loudspeaker



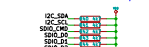
EEPROM



Level-shifter



I2C + SDIO Pull-ups



Fiducials



Plated Holes

