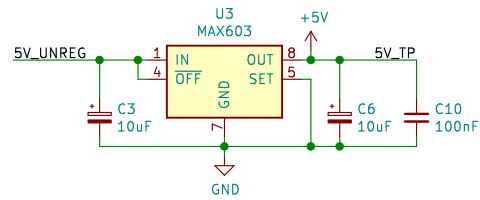
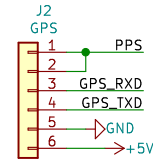


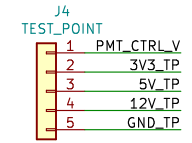
LDO, Linear Voltage Regulator: 5 V DC – 5 V DC



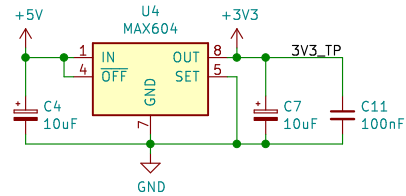
Connector for GPS module



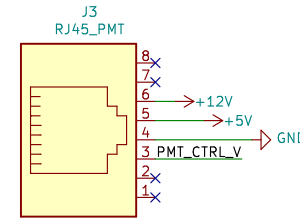
Test Point for: PMT Voltage, 3.3 V, 5 V, 12 V and GND



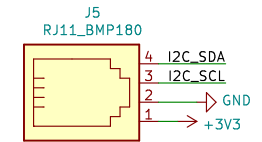
LDO, Linear Voltage Regulator: 5 V DC – 3.3 V DC



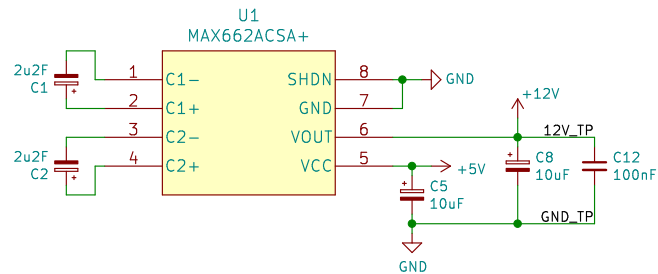
Connector for PMT circuit board



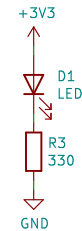
RJ11 connector for: BMP180 sensor



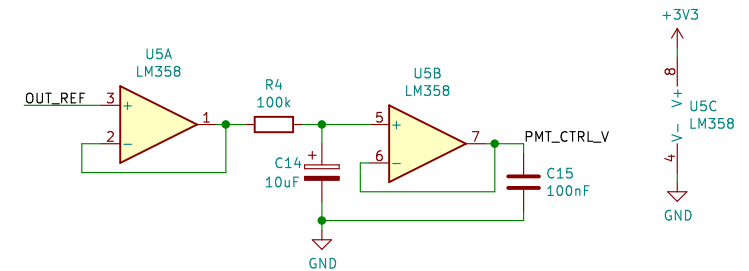
DC-DC converter charge-up: 5 VDC – 12 V DC



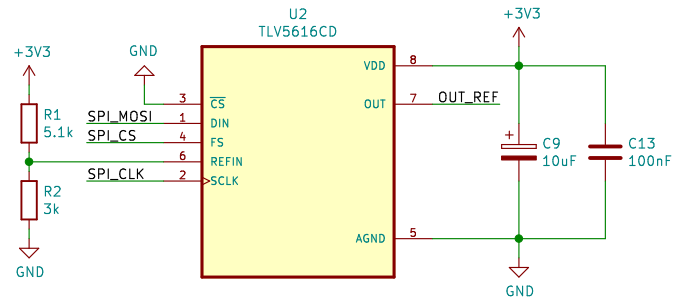
LED power on indicator



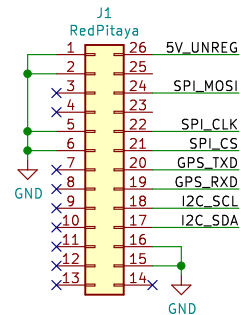
Variable voltage signal adjustment with low pass filter



2.7 V – 5.5 V low power 12 Bit DAC



Red Pitaya Connector



Universidad de San Carlos de Guatemala
Escuela de Ciencias Físicas y Matemáticas
Laboratorio de Instrumentación

Sheet: /
File: HARDWARE.sch

Title: LAGO RED PITAYA ECFM

Size: A4 Date: 2021-07-13

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