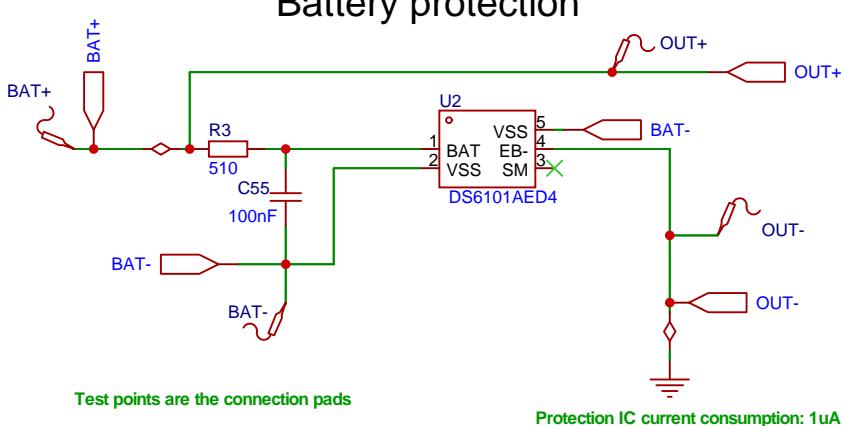
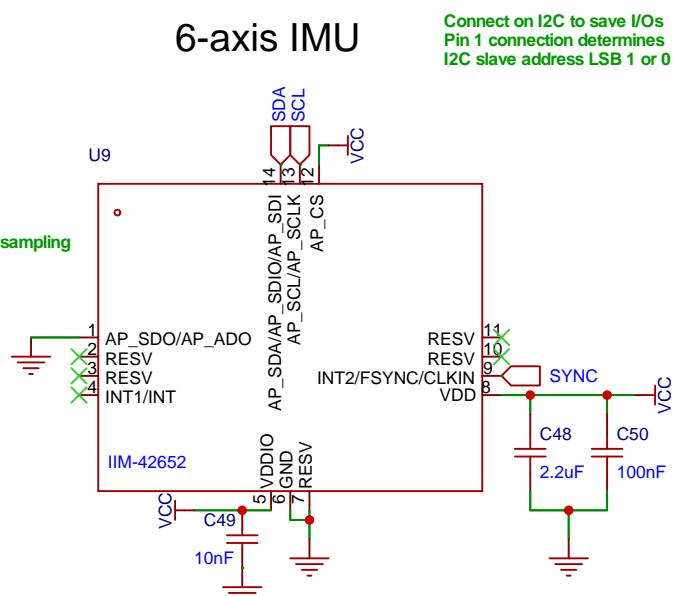
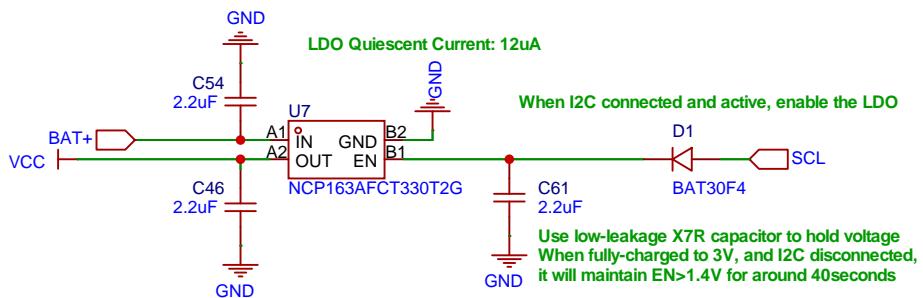
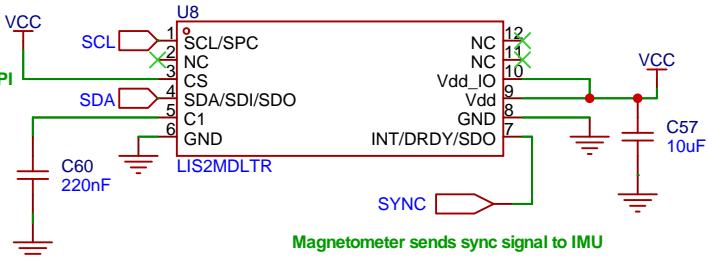


**Battery protection****6-axis IMU****LDO voltage regulator for IMU + MAG**

**MAG power rating:**  
0.46mA/2.5V when sample at 100Hz,  
low-pass enabled, low-power mode.  
1.5uA/2.5V when power-down

CS HIGH enables I2C and disables SPI

**Magnetometer**

原理图	OptoGrid_Battery_V0.05			更新日期	2025-09-04
图页	Power and sensors			创建日期	2025-07-05
绘制	Fukui (Daniel) Yang			物料编码	
审阅				OptoGrid_V0.05	
			版本	尺寸	页 1 共 1
			V1.0	A4	嘉立创EDA