

Designator	Value	Footprint	Description
IC1	INA290A2IDCKT	INA290A2IDCKT:SOT65P210X110-5N	Current Sense Amplifiers 2.7 to 110V, 800kHz, ultra-precise current sense amplifier in small (sc-70) package
R1	2.2k	Resistor_SMD:R_0402_1005Metric	Resistor
C1	0.1uF	Capacitor_SMD:C_0402_1005Metric	Unpolarized capacitor
D1	Power LED	LED_SMD:LED_0603_1608Metric	Light emitting diode
R2	#0.05	Resistor_SMD:R_1206_3216Metric_Pad1.42x1.75mm_HandSolder	Resistor
J2	USB4105-GF-A	USB4105-GF-A:GCT_USB4105-GF-A	
J1	USB-A	USB-A-S-X-X-TH:SAMTEC_USB-A-S-X-X-TH	
FB1	Ferrite_Bead_Small	Resistor_SMD:R_0402_1005Metric	Ferrite bead, small symbol
R3	5.1k	Resistor_SMD:R_0402_1005Metric	Resistor
R4	5.1k	Resistor_SMD:R_0402_1005Metric	Resistor
TP1	TestPoint	TestPoint:TestPoint_Pad_2.5x2.5mm	test point
TP2	TestPoint	TestPoint:TestPoint_Pad_2.5x2.5mm	test point