

RL78G1D RenesasBLE对RGB灯控制的应用

BOM list

Designator	Quantity	Part Name	Manufacturer	Description
C1, C2	2	—	—	Capacitor (10uF, 0603)
R1	1	—	—	Resistor (20Ω, 1210)
R2, R3	2	—	—	Resistor (30Ω, 1210)
R4	1	—	—	Resistor (1KΩ, 0603)
LED1	1	—	—	Action LED (green, 0603)
J1	1	—	—	DC power jack (5.5x2.1mm)
Q1, Q2, Q3	3	MMSS8050	Micro Commercial Co	TRANS NPN 25V 1.5A (SOT-23)
RGB1, RGB2, RGB3, RGB4	4	—	—	RGB LED (5050)
U1	1	RTK0EN0002C01001BZ	Renesas Electronics	BLE Module included in the RTK0EN0001D01001BZ
U2	1	AMS1117	Advanced Monolithic Systems	LDO 3.3V 0.8A (SOT223)