

Comment	Description	Designator	Footprint	LibRef	Quantity
Volt Reg	Voltage Regulator	AMS1	AMS1117	Volt Reg	1
10uF	Capacitor	C1, C2	0805	Cap	2
0.1uF	Capacitor	C3, C7	0805	Cap	2
1uF	Capacitor	C6	0805	Cap	1
LED	Typical INFRARED GaAs LED	D1	LED-0805	LED0	1
PWR2.5	Low Voltage Power Supply Connector	J1	POWER-5 - duplicate	PWR2.5	1
RGB_POWER	Header, 2-Pin	P1	Terminal-5.08-2P	Header 2	1
RGB_OUT	Header, 4-Pin	P2	Terminal-5.08-4P	Header 4	1
Header 6	Header, 6-Pin	P3	HDR1X6	Header 6	1
SI2301/5	P-Channel MOSFET	Q1, Q2, Q3	SOT-23	MOSFET-P	3
NPN	NPN Bipolar Transistor	Q4, Q5, Q6	SOT-23	NPN	3
0R	Resistor	R1	0805	Res1	1
1K	Resistor	R2	0805	Res1	1
10K	Resistor	R3, R4, R5, R6	0805	Res1	4
SW-PB	Switch	S1	Key	SW-PB	1
STM8S003F		U1	TSSOP20	STM8S103F	1