



Comment	Description	Designator	Footprint	LibRef	Quantity
LED0603	LED0603	D1	DIOC1608X06N	LED0603	1
TCRT5000		D2	TCRT5000	TCRT5000	1
1N4007	1N4007_SMD	D3	SODFL504X244-2N	1N4007_SMD Diode	1
1N4148	DIODE GEN PURP 75V 200MA DO213AA	D4	DIOMELF3515N	1N4148_SMD	1
	Header, 4-Pin, Right Angle	P1	HDR1X4H	Header 4H	1
	Header, 2-Pin	P2	HDR1X2	Header 2	1
	Header, 4-Pin	P3	HDR1X4	Header 4	1
AO3400	AO3400 MOSFET SOT23-3	Q1	SOT95P278X125-3N	AO3400 MOSFET SOT23-3	1
S9013	SOT-23 Plastic- Encapsulate Transistors	Q2	SOT95P278X125-3N	Transitor S9013 NPN	1
100R	Thick Film Resistors - SMD 0603 100OHMS 5% 1/10WATT	R1	RESC2608X06N_0603	R100_0603_5%	1
1K	Thick Film Resistors - SMD 0603 1kOHMS 5% 1/10WATT	R2, R4	RESC2608X06N_0603	1k_0603_5%	2
470R	Thick Film Resistors - SMD 470 ohm 5%	R3, R5	RESC2608X06N_0603	R470_0603_5%	2
10K	RES SMD 10K OHM 1% 1/4W 0603	R6	RESC2608X06N_0603	R10k_0603_5%	1
CJA1117B-5.0 SOT89	CJA1117B-5.0 SOT89 Power IC 1A 5V_IC	U1	SOT89-150P409X160-3N	CJA1117B-5.0 SOT89	1
N76E003	IC MCU 8BIT 18KB FLASH 20TSSOP	U2	TSOP65P640X120-20N	N76E003	1
1K	Varistor 3x3 SMD 1KOhm	VR1	Var_SMD_3x3	Varistor 3x3 SMD 1KOhm	1