

LEDI LED2 R9 R10 MH3 MH4 MH1 MH2 CZ R9 TPZ C6 RZ C5 R6 C4 R5 R4 R3 C3 TP6 C9 C12 C13 D1 TP5 C2 L1 R2 C1 U1 C8 C10 C11 R1 TP8 J2 J1 TP4 TP3 TP2 TP1

Comment	Description	Designator	Footprint	LibRef	Quantity
CAP_150nF_50V_0603	CAP CER 0.15UF 50V	C1	CAP0603	CAP_150nF_50V_0603	1
CAP_10uF_10V_0603	X7R 0603 CAP CER 10UF 10V X5R 0603	C2	CAP0603	CAP_10uF_10V_0603	1
CAP_1.5uF_50V_0805	CAP CER 1800PF 50V COG/NPO 0603	C3	CAP0805	CAP_1.5uF_50V_0805	1
CAP_1.8nF_50V_0603	CAP CER 1800PF 50V COG/NPO 0603	C4	CAP0603	CAP_1.8nF_50V_0603	1
CAP_10nF_25V_0603	CAP CER 10000PF 25V COG 0603	C5	CAP0603	CAP_10nF_25V_0603	1
CAP_300pF_10V_0603	CAP CER 300PF 50V NP0 0603	C6	CAP0603	CAP_300pF_10V_0603	1
CAP_47pF_50V_0603	CAP CER 47PF 50V COG/NPO 0603	C7	CAP0603	CAP_47pF_50V_0603	1
CAP_10uF_50V_2220	CAP CER 10UF 100V X7S 2220	C8, C10, C11	C5750X7S2A106M230 KB	CAP_10uF_50V_2220	3
CAP_2.2uF_50V_1206	CAP CER 2.2UF 50V X7R 1206	C9	CAP1206	CAP_2.2uF_50V_1206	1
CAP_47uF_100V_ALU M	Aluminum Electrolytic Capacitor, Polarized, Aluminum (wet), 100V, 20% +Tol, 20% - Tol, 47uF, Surface Mount, 5454	C12, C13	RADIAL_CORNELL_D	CAP_47uF_100V_ALU M	2
DIO_SCHOTTKY_100V _5.5A	DIODE SCHOTTKY 200V 10A DPAK	D1	D-PAK	DIO_SCHOTTKY_200V _10A	1
CON_2POS_SCREW_T ERM	TERM BLK 2POS SIDE ENTRY 5MM	J1, J2	1935161	CON_2POS_SCREW_T ERM	2
IND_22uH_23.9A	FIXED IND 22UH 30A 2.4 MOHM SMD	L1	74437529203220	IND_22uH_23.9A	1
LED_RED	LED RED DIFFUSED 0805 SMD	LED1, LED2	LED_0805_RED	LED_RED	2
NMOS_100V_100A	MOSFET N-CH 100V 100A 8VSON	Q1	SSM6K819R,LF	NMOS_100V_100A	1
RES_49.9kΩ_0805_1%	RES 49.9K OHM 1% 1/8W 0805	R1	RES0805	RES_49.9kΩ_0805_1%	1
RES_2.61kΩ_0805_1%	RES 2.61K OHM 1% 1/8W 0805	R2	RES0805	RES_2.61kΩ_0805_1%	1
RES_75kΩ_0603_0.5%	RES 75K OHM 0.5% 1/10W 0603	R3	RES0603	RES_75kΩ_0603_0.5%	1
RES_0.007Ω_1206_1%	RES 0.007 OHM 1% 1W 1206	R4	RES1206	RES_0.007Ω_1206_1%	1
RES_32KΩ_0603_0.1%	RES SMD 32K OHM 0.1% 1/10W 0603	R5	RES0603	RES_32KΩ_0603_0.1%	1
RES_24.3kΩ_0603_1%	RES 24.3K OHM 1% 1/10W 0603	R6	RES0603	RES_24.3kΩ_0603_1%	1
RES_221kΩ_0603_1%	RES 221K OHM 1% 1/10W 0603	R7	RES0603	RES_221kΩ_0603_1%	1
RES_1.69kΩ_0603_1%	RES 1.69K OHM 1% 1/10W 0603	R8	RES0603	RES_1.69kΩ_0603_1%	1
RES_4.7kΩ_0805_5%	RES 4.7K OHM 5% 1/8W 0805	R9	RES0805	RES_4.7kΩ_0805_5%	1
RES_2.2kΩ_0805_5%	RES 2.2K OHM 5% 1/8W 0805	R10	RES0805	RES_2.2kΩ_0805_5%	1
TESTPOINT_LOOP	TESTPOINT THRUHOLE	TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8	TESTPOINT_LOOP	TESTPOINT_LOOP	8
LM5088	IC REG CTRLR BUCK 16HTSSOP	U1	LM5088	LM5088MHX-2/NOPB	1