





Comment	Description	Designator	Footprint	LibRef	Quantity
0.1uF	R46KF310040P1M Film Capacitor, Polypropylene, 560V, 20% +Tol, 20% -Tol, 0.1uF, Through Hole Mount	C1, C2	FP-R46KF310040P1M- MFG	CMP-00212-22103502- 1	2
100uF	CAP ALUM 100UF 20% 450V RADIAL	C3	FP-BXW18X30-MFG	CMP-35376-000021-1	1
100uF	Aluminum Electrolytic Capacitors (Radial Lead Type) 100uF ±20%, 25V	C4	FP-RAD-TH- D_6_3_0_5_L_11-MFG	CMP-05427-000856-1	1
0.1uF	Ceramic Capacitor 100nF ±10% 25V X7R Radial	C5, C6	FP-RDE0P1-MFG	CMP-06035-046728-1	2
1nF	CAP CER 1000PF 2KV X7R RADIAL	C7, C9	FP-AR30-MFG	CMP-04427-000004-1	2
4.7nF	Cap Ceramic 4.7nF 50V X7R ±10% Radial 2.5mm ±125°C Ammo Pack	C8	FP-RCE0DB-MFG	CMP-06035-036397-1	1
10nF 1kV	Cap Ceramic 10nF 1kV X7R ±10% SMD 1812 +125°C Embossed T/R	C10	FP-RDE2M1-MFG	CMP-13271-001607-1	1
100uF	Aluminum Electrolytic Capacitors (Radial Lead Type) 100uF ±20%, 100V	C11	FP-RAD-TH-D_10_0_5- L_20_2-MFG	CMP-05427-001096-1	1
0.1uF	Cap Ceramic 100nF 50V X7R ±10% Radial 5mm ±125°C Automotive Bulk	C12	FP-RCE0K1-MFG	CMP-06035-031280-1	1
1nF 2kV	CAP CER 1000PF 2KV X7R RADIAL	C13, C16	FP-AR30-MFG	CMP-04427-000004-1	2
10nF	Cap Ceramic Monolithic 10nF 50V 5% Thru-Hole Bulk	C14	FP-RCE1K1-2_5-MFG	CMP-06035-061841-1	1
3.3nF	Cap Ceramic 3.3nF 50V COG ±5% Radial 5mm ±125°C Automotive Bulk	C15	FP-RCE0K1-MFG	CMP-06035-032713-1	1
WJ2EDGRC-5.08-2P		CN1, CN2	Terminal Block PS.08- 2P	WJ2EDGRC-5.08-2P	2
1N4007	DIODE GEN PURP 1KV 1A DO204AL	D1, D2, D3, D4, D6, D9	FP-1N4007-MFG	CMP-02540-000046-1	6
MBR20100	MBR20100CT-E3/4W Dual Common- Cathode High Voltage Schottky Rectifier DIODE ARRAY SCHOTTKY 100V T0220	D5	FP-MBR20100CT-E3- 4W-MFG	CMP-00030-42878425- 1	1
Zener 12V	Diode, Zener, Vr 12V, If 200mA, Pkg DO-41, Vf 1.2V, Tj +175C, Cs 380nA, Pd 1.3W, Ir 21mV	D7	ONSC-SURMETIC40-2- 017AA-01	1N4742A-TR	1
IR LED	IR LED SFH480	D8	FP-HLMP-1719-MFG	CMP-2000-06410-2	1
Fuse	FUSE GLASS 10A 250VAC SX20MM	F1	FP-0218010_HXP-MFG	CMP-08605-000046-1	1
CMF		L1	WE-CMBNC_Type XS_7448013501	CMP-1371-00007-3	1
2N2222	TRANS NPN 50V 0.8A TO218	Q1	FP-JAN2N2222A-MFG	CMP-06366-000013-1	1
NTC	ICL 2.2 OHM 15% 3.7A 10MM	R1	FP-NTPA4-MFG	CMP-06022-000112-1	1
220k 2W	PRO2000201003JA100 Fixed Resistor, Metal Film, 2W, 220000ohm, 500V, 5% +/-Tol, 250ppm/Cel, Through Hole Mount	R2	FP- PRO2000201003JA100- MFG	CMP-00030-42817933- 1	1
1 Ohm	Res Thick Film 2512 10 5% 1W ±300ppm/°C Pad SMD T/R	R3	FP-RLP01-MFG	CMP-13261-002726-1	1
1k	Axial Resistor, 1k	R4	RESA60-630X240	CMP-1659-00075-1	1
8.2k	Axial Resistor,	R5	RESA60-630X240	CMP-1659-00075-1	1
220k	Axial Resistor, 220k	R6	RESA60-630X240	CMP-1659-00075-1	1
100k 1W	Thick Film Chip Resistor, 2512, 100kΩ, 5%, 200ppm/°C, 1W, 200V	R7	FP-RLP01-MFG	CMP-08839-023479-1	1
10 Ohm	Axial Resistor, 10 Ohm	R8, R14	RESA60-630X240	CMP-1659-00075-1	2
100k	Axial Resistor, 100k	R9	RESA60-630X240	CMP-1659-00075-1	1
1.8k	Axial Resistor, 1.8k	R10	RESA60-630X240	CMP-1659-00075-1	1
12k	Axial Resistor, 12k	R11	RESA60-630X240	CMP-1659-00075-1	1
22k	Axial Resistor, 22k	R12, R13	RESA60-630X240	CMP-1659-00075-1	2
47k	Axial Resistor, 47k	R15	RESA60-630X240	CMP-1659-00075-1	1
100 Ohm	Axial Resistor, 100 Ohm	R16	RESA60-630X240	CMP-1659-00075-1	1
1k pot	Square Trimpot(R) Trimming Potentiometer, 1000 Ohm, -55 to 125 degC, 3-Pin THD, RoHS, Tube	R17	BOUR-3296W-1-3	CMP-1747-00002-1	1
2.2k	Axial Resistor, 2.2k	R18	RESA60-630X240	CMP-1659-00075-1	1
22 Ohm	Axial Resistor, 22 Ohm	R19	RESA60-630X240	CMP-1659-00075-1	1
760895451		T1	WE-LLCR_FTD34	CMP-1350-00003-2	1
UC3845N	PWM Controller with Current Control, 50 % Duty Cycle, 0 to +70 degC, 8-pin PDIP (P), Green (RoHS & no Sb/Bz)	U1	P0008A	CMP-0319-00305-2	1
K2645		U2	TO-220-3_L10-5-W4.8 P2.54-L	ZSK2645-01MR-V8	1
PC817	Photocoupler, 50 mA Forward Current, 1.2 V Forward Voltage, - 50 to 110 degC, 4-Pin DIP, RoHS, Tube	U3	LTST-LTV-817-4	CMP-2000-06632-1	1