

Comment	Description	Designator	Footprint	Ref	Quantity
LH7812CT	Integrated Circuit	12VRo5, 12VRo5	TO254P470X1028X195 5-3P	LH7812CT	2
EEUFRIE391L	Aluminum Electrolytic Capacitors (Radial Lead) 250V, 10 to 85 deg. C Pin THD, RoHS, Bulk	C1, C2, C3, C4	FP-AAD-TH-Q1_8_0_5- U_N_1-HFG	CMP-05427-000460-1	4
1uF	Multilayer Ceramic Capacitor / Axial and Radial Lead, 1 uF, +/- 20%, 10 to 85 deg. C Pin THD, RoHS, Bulk	C6, C10, C15	KEMT-C33C105MSUSTA-2	CMP-2000-05174-1	3
0.1uF	Multilayer Ceramic Capacitor / Axial and Radial Lead, 0.1 uF, +/- 20%, 10 to 85 deg. C Pin THD, RoHS, Bulk	C7	KEMT-C33C105MSUSTA-2	CMP-2000-05174-1	1
0.01uF	Multilayer Ceramic Capacitor / Axial and Radial Lead, 0.01 uF, +/- 20%, 10 to 85 deg. C Pin THD, RoHS, Bulk	C8	KEMT-C33C105MSUSTA-2	CMP-2000-05174-1	1
10uF	Multilayer Ceramic Capacitor / Axial and Radial Lead, 10 uF, +/- 20%, 10 to 85 deg. C Pin THD, RoHS, Bulk	C9, C14	KEMT-C33C105MSUSTA-2	CMP-2000-05174-1	2
100nF	Multilayer Ceramic Capacitor / Axial and Radial Lead, 1 nF, +/- 20%, 10 to 85 deg. C Pin THD, RoHS, Bulk	C11, C16	KEMT-C33C105MSUSTA-2	CMP-2000-05174-1	2
10nF	Multilayer Ceramic Capacitor / Axial and Radial Lead, 10 nF, +/- 20%, 10 to 85 deg. C Pin THD, RoHS, Bulk	C12, C17	KEMT-C33C105MSUSTA-2	CMP-2000-05174-1	2
InF	Multilayer Ceramic Capacitor / Axial and Radial Lead, 1 nF, +/- 20%, 10 to 85 deg. C Pin THD, RoHS, Bulk	C13, C18	KEMT-C33C105MSUSTA-2	CMP-2000-05174-1	2
IN4148	DIODE GEN PURP 100V 200mA DO201	D1, D2	FP-017AG-MFG	CMP-07163-000046-1	2
LOAD	CONN/BOARD VERT 1POS 2.5MM	H1-H2, H3-H4, H5-H6, H7-H8, H9-H10, J1	FP-B2B-XH-A_LF_SN- MFG	CMP-2000-05888-3	10
0022232011	Connector	H9, J10, X1UT	HRVJ3WB7902514_IX _3_7A763X3105P	0022232011	3
TL071CP	Integrated Circuit	J1	DP794W63P3P54L5991 50020N	TL071CP	1
AD711N	Integrated Circuit	K2, K3, K4	DP794W65P254L5281 45730N	AD711N	3
AD712NZ	Integrated Circuit	K5	DP794W65P65P54L5991 53320N	AD712NZ	1
Source	CONN HEADER VERT 1POS 2.5MM	J1	FP-B2B-XH-A_LF_SN- MFG	CMP-2000-05888-3	1
61201021621	Connector	MAIN	SHDR10W64P254_2X5 _203030853X025P	61201021621	1
In 1	CONN HEADER VERT 1POS 2.5MM	PW	FP-644456-0-MFG	CMP-03369-000038-1	1
TIP31C	TRANS PNP 100V 3A TO-220	Q1	FP-TD-220 P040015988-MFG	CMP-12195-000001-1	1
TIP32C	TRANS PNP 100V 3A TO-220	Q2	FP-TD-220 P040015988-MFG	CMP-12195-000005-1	1
SAWTOOTH	NPN Power Transistor, 40V VCEO, 0.2 A, -55 to +150 degC, 2引脚 TO-220, RoHS, Bulk	Q3	FAIR-TO-92	CMP-2000-06944-1	1
TIP31A	Complementary Silicon Epitaxial Power Transistor, 3-Pin TO-220, Tube	Q4	ONSC-TD-220-3-221A- 09	CMP-1048-01124-1	1
TIP32A	Complementary Silicon Epitaxial Power Transistor, 3-Pin TO-220, Tube	Q5	ONSC-TD-220-3-221A- 09	CMP-1048-01079-1	1
100K	RES 100K OHM 5% 1W AXIAL	R1, R2	FP-BR01-MFG	CMP-03212-000009-1	2
150ohm	RLR07C7501GS814 Res Metal Film 1.5K Ohm 0.001% 100ppm/degC 0.001% Conformal AXL Thru-Hole Bulk	R3	FP-RLR07-MFG	CMP-00030-41139779- 1	1
10K	RLR07C7501GS814 Res Metal Film 1.5K Ohm 0.001% 100ppm/degC 0.001% Conformal AXL Thru-Hole Bulk	R4	FP-RLR07-MFG	CMP-00030-41139779- 1	1
1K	RES 10K OHM 0.6W 1% AXIAL	R5	FP-BBB0207-MFG	CMP-02408-000025-1	1
150OHM	RES 10K OHM 0.6W 1% AXIAL	R6	FP-BBB0207-MFG	CMP-02408-000035-1	1
6.8K	RES 10K OHM 0.6W 1% AXIAL	R7	FP-BBB0207-MFG	CMP-02408-000035-1	1
10K	RES 10K OHM 0.6W 1% AXIAL	R8	FP-BBB0207-MFG	CMP-02408-000035-1	8
680kOhm	RES 10K OHM 0.6W 1% AXIAL	R12	FP-BBB0207-MFG	CMP-02408-000035-1	1
5K	RES 10K OHM 0.6W 1% AXIAL	R16	FP-BBB0207-MFG	CMP-02408-000035-1	1
0.5K	RES 10K OHM 0.6W 1% AXIAL	R18	FP-BBB0207-MFG	CMP-02408-000035-1	1
B9B-XH-A_LF__SN_	Connector	S1, S2	B9BKV4ULF5N	B9B-XH-A_LF__SN_	2
HTS5W-103-07-T-D	CONN HEADER VERT 1POS 2.5MM	S3	HRVJ3WB7902514_2X3 _762502X38P	HTS5W-103-07-T-D	1
n2	CONN HEADER VERT 1POS 2.5MM	SW	FP-644456-0-MFG	CMP-03369-000028-1	1
TL072CP	Dual Low-Noise JFET-Input General Purpose Operational Amplifier, 10V, 100MHz, 3-Pin DIP (Pb), Pb-Free (RoHS)	U1	P0008A	CMP-0017-00950-2	1