

Comment	Description	Designator	Footprint	LibRef	Quantity
C2220C156KSRAC-TU	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10% +Tol, 10% - Tol, X7R, 15% TC, 15uF, Surface Mount, 2220	C1, C2	FP-C2220C156KSRAC-TU-IPC_B	OMP-001-00087-1	2
T495D475K050ATE300	Tantalum Capacitor, Polarized, Tantalum (dry/solid), 50V, 10% +Tol, 10% -Tol, 4.7uF, Surface Mount, 2917	C3	T495D475K050ATE300	OMP-001-00086-4	1
C0805C103KSRAC-TU	Ceramic Capacitor, Multilayer, Ceramic, 50V, 10% +Tol, 10% - Tol, X7R, 15% TC, 0.01uF, Surface Mount, 0805	C4	CAPC2013X88X50ML20 T25	OMP-001-00084-1	1
TAJXC107K010RUJ	Standard Tantalum, 100 uF, +/- 10%, 10 V, -55 to 125 degC, 2312 (6032 Metric), RoHS, Tape and Reel	C5	AVX-TAJ-C-2_L	OMP-001-00045-7	1
Capacitor 47nF +/-20% 50V 0402	Chip Capacitor, 47nF +/-20%, 50V, 0402, Thickness 0.6 mm	C6, C7, C8, C9, C10, C11	CAPC0402(1005)60_L	OMP-001-00071-7	6
EDT107M050A9PAA	Aluminum Electrolytic Capacitor	C12	CAPAE130103X105M	OMP-001-00088-1	1
SK33-TP	Rectifier Diode, Schottky, 1 Phase, 1 Element, 3A, 30V V(RRM), Silicon, DO-214AB	D1	FP-SMC-MFG	OMP-004-00034-1	1
DRL2SV1-7	Zener Diode, 5.1V V(Z), 5.88%, 1W, Silicon, Unidirectional	D2		OMP-004-00031-1	1
SS54B	Schottky Barrier Rectifier, 40 V, 5 A, -55 to 150 degC, 2-Pin SMD	D3	XCET-SMB-2_M	OMP-004-00006-2	1
SK34A-LTP	Rectifier Diode, Schottky, 1 Phase, 1 Element, 3A, 40V V(RRM), Silicon, DO-214AC	D4	DIOM5225X248N	OMP-004-00038-2	1
19-217-G7C-AN1P2-3T	Chip LED, Yellow-Green, 5 V, 25 mA, -40 to 85 degC, 2-Pin SMD (0603), RoHS, Tape and Reel	DS1	EVRL-0603-2_V	OMP-007-00002-2	1
SSW-120-22-L-D	Board Connector, 40 Contact(s), 2 Row(s), Female, Straight, Solder Terminal, Locking, Black Insulator, Socket	J1	SSW-120-XX-X-D	OMP-002-00079-1	1
B2B-XH-A	CONNECTOR HEADER, XH SERIES, 2 POSITION, 2.50MM, Press-Fit Solder, Detent Lock, Natural	J2	FP-B2B-XH-A_LF_SN-MFG	OMP-002-00080-2	1
B3B-XH-A	Connector Header, XH Series, 3 Position, 2.50mm, Through Hole, Press-Fit, Solder, Natural	J3, J4, J5	FP-B3B-XH-A_LF_SN-MFG	OMP-002-00081-1	3
B4B-XH-A	Header for PCB; pitch 2.50mm; 4-contacts; THT male; top entry; 250V/3A	J6, J7, J8	FP-B4B-XH-A_LF_SN-MFG	OMP-002-00082-1	3
PRT-10474	XT60 Connectors Male/female Pair	J9	FP-PRT-10474-MFG	OMP-002-00083-3	1
SRR1260330M	GLOVE, POLYAMIDE, L/ FREE, PU, SIZE 6 - More Details	L1	SRR1260-330M	OMP-006-00023-1	1
MMBT4403-7-F	Small Signal Bipolar Transistor, 0.6A I(C), 40V V(BR)CEO, 1-Element, PNP, Silicon	Q1	MMBT4403-7-F-Footprint-1	OMP-013-00034-1	1
SI7317DN	Power Field-Effect Transistor, 150V, 1.3ohm, 1-Element, P-Channel, Silicon, Metal-oxide Semiconductor FET	Q2	SI7317DN-T1-GE3-Footprint-1	OMP-013-00036-1	1
RT1206BRD075KL	Fixed Resistor, Thin Film, 0.25W, 5000ohm, 200V, 0.1% +/-Tol, 25ppm/Cel, Surface Mount, 1206	R1	FP-RT1206-0_65-IPC_C	OMP-009-00178-1	1
RC1206FR-07301RL	Fixed Resistor, Metal Glaze/Thick Film, 0.25W, 30ohm, 200V, 1% +/-Tol, 100ppm/Cel, Surface Mount, 1206	R2	RESC3116X65X40ML10 T20	OMP-009-00179-1	1
Resistor 10k +/-1% 1206 250 mW	Chip Resistor, 10 KOhm, +/- 1%, 0.25 W, -55 to 155 degC, 1206 (3216 Metric)	R3, R5	RESC3216X60X45ML15 T20	OMP-009-00016-5	2
Resistor 1k +/-1% 0603 100 mW	Chip Resistor, 1 KOhm, +/-1%, 0.1 W, -55 to 155 degC, 0603 (1608 Metric)	R4	RESC1608X55X25ML10 T15	OMP-009-00014-5	1
CSRT2512FT10R0-LP	Fixed Resistor, Thin Film, 3.5W, 10ohm, 1% +/-Tol, 50ppm/Cel, Surface Mount, 2512	R6, R7	CSRT2512FT10R0-LP	OMP-009-00187-1	2
10KR2F	10K 0.063W 1% 0402 (1005 Metric) SMD	R8	RESC0402(1005)_L	OMP-009-00066-2	1
Resistor 200R +/-5 % 0402 63 mW	Chip Resistor, 200 Ohms, +/-5 %, 63 mW, -55 to 155 degC, 0402	R9	RESC0402(1005)_L	OMP-009-00161-3	1
PRASA1-16F-8B000	Rocker Switch, SPST, Latched, 16A, Quick Connect Terminal, Rocker Actuator, Panel Mount	SW1	FP-PRASA1-16F-8B000-MFG	OMP-011-00016-3	1
LM2676SD-5.0/NOPB	Switching Regulator, Voltage-mode, 5.4A, 280kHz Switching Freq-Max	U1	NHM0014A_V	OMP-019-00049-1	1