

Manufacturer PN	Description	Designator	Footprint	Quantity	Weight	Cost
	CAP, 0.1uF, ±10%, 16V, X7R, 0603	C1, C2, C5, C7, C8, C11	chip_0603	6		
GRM21BR71C475KA73L	CAP, 4.7uF, 10%, 16V, X7R, 0805	C3	chip_0805	1		
GRM21BR71C105KA01L	CAP, 1uF, 10%, 16V, X7R, 0805	C4, C6	chip_0805	2		
GRM21BR71C225KA12L	CAP, 2.2uF, 10%, 16V, X7R, 0805	C9, C10	chip_0805	2		
CL31B106KAHNNNE	CAP, 10uF, ±10%, 25V, X7R, 1206	C12	chip_1206	1		
GRM21BR71H105KA12L	CAP, 1uF, 10%, 50V, X7R, 0805	C13	chip_0805	1		
TAJD107K016RNJ	CAP, 100uF, ±10%, 16V, Tantalum, 2917	C14, C15, C16, C17, C18, C19	chip_2917_AVX_TAJD	6		\$0.94
MBR140SFT1G	Dio Shtky, 1A, 0.55V, 40V, SOD-123	D1, D3, D5	sod123_0	3		
MM3Z10VST1G	Dio Zen, 10V, 2%, 200mW, SOD-323	D2, D4, D6	sod323_0	3		
APT1608LZGCK	LED, Green, 0603, Low current, HELI2 Series	D7, D8, D9	chip_0603	3		0.58
RTE24024	Relay 24V, 8A, DPDT	K1	RELAY_SHRACK_RT2	1	13	3.12
B7B-XH-A	JST XH 7x1, THT	P1, P2	JST_XH_7_0	2		
389690002	Barrier Blk, 2 Pos, 50 A	P3, P4, P5, P7	BARR_0.5IN_2x1_0	4	7.5	1.68
B2B-PH-K	JST PH 2x1, THT, 2.00mm Pitch	P6, P8, P34	JST_PHR_2_0	3		0.19
B3B-PH-K	JST PH 3x1, THT, 2.00mm Pitch	P9	JST_PHR_3_0	1		0.19
3557-2	Fuse Holder, 30A, 500V, LP-Mini 897, ATOF 257	P10, P11, P12, P14, P15, P16, P17	FUSE HOLDER_KEystone_3557-2	7		1.03
387207507	Barrier Blk, 7 Pos, 25A, 300V, 0.375" pitch	P13	MOLEX_387207507	1		4.79
3357-02	Fuse Holder, 30A, 500V, LP-Mini 897, ATOF 257	P18, P19, P22	FUSE HOLDER_KEystone_3557-2	3		0.98
1729131	Term Blk, 3 Pos, 0.2", 10A, 14-30 AWG, Rising Cage Clamp	P20, P26	PHOENIX_MKDS_5.08MM_3x1	2		0.79
7798	Screw Terminal, M4, 30A	P21, P23, P24, P25, P27, P28, P29, P30, P31, P32	KEystone_7798	10	3.27	0.5
	Header, 3x1, 0.1"	P33	hddr_3x1_0	1		
IPB180P04P4L02ATMA1	XSTR PFET, 180A, 40V, Vgs 1.7V, PG-TO263-7-3	Q1, Q2	PG-TO263-7-3	2		2.99
NSS1C201LT1G	XSTR NPN, 2A, 100V, Vce 0.15V, SOT-23	Q3, Q4	sot-23-3	2		0.48
KTR10EZPF6800	RES SMD 680 OHM 1% 1/8W 0805	R1, R2, R3, R11, R12, R13, R17	chip_0805	7		
KTR10EZPF1200	RES SMD 120 OHM 1% 1/8W 0805	R4, R5, R6, R7, R8, R9	chip_0805	6		
KTR10EZPF1001	RES SMD 1K OHM 1% 1/8W 0805	R10, R30, R45	chip_0805	3		
KTR10EZPF1002	RES SMD 10K OHM 1% 1/8W 0805	R14, R15, R16, R29, R38, R39, R43, R47, R51, R52, R54, R56	chip_0805	12		
	RES SMD 100 OHM 1% 1/2W 1206	R18, R19, R20, R21, R22, R23, R24, R25, R26, R27	chip_1206	10		
KTR10EZPF1003	RES SMD 100K OHM 1% 1/8W 0805	R28, R33, R40, R41	chip_0805	4		
KTR10EZPF2202	RES SMD 22K OHM 1% 1/8W 0805	R31, R34	chip_0805	2		
KTR10EZPF10R0	RES SMD 10 OHM 1% 1/8W 0805	R32	chip_0805	1		
KTR10EZPF1004	RES SMD 1M OHM 1% 1/8W 0805	R35, R46, R55, R57	chip_0805	4		
KTR10EZPF2001	RES SMD 2K OHM 1% 1/8W 0805	R36, R42, R44, R48, R59, R60	chip_0805	6		
KTR10EZPF1203	RES SMD 120K OHM 1% 1/8W 0805	R37	chip_0805	1		
MP9100-0.075-1%	RES THT 0.075 OHM 1% 100W TO-247-2 Board Mounted	R53	TO-247-2-H	1		
KTR10EZPF2204	RES SMD 2.2M OHM 1% 1/8W 0805	R58	chip_0805	1		
BQ77PL900DLR	Batt Manager, Li-Ion, 5-10 cells, bq77PL900	U1	SSOP-48_0	1		6.36
LM339	Comp, Quad, LM339	U2	so-14	1		
UWE-12/10-Q48PB-C	Module, Isolated, Eighth-Brick, 12V, 10A, Positive Logic	U3	EIGHTH_BRICK_6_0	1	20	47