





pescription		Minding	Liukei	Quantity
Battery Holder, 18650, SMD	BT1, BT2, BT3, BT4, BT5, BT6, BT7, BT8, BT9, BT10, BT11, BT12	KEYSTONE_1042	CONN-00077	1
CAP, 0.10uF, 10%, 50V, X7R, 0805	C1, C2, C3, C4, C5, C6, C9, C10, C13, C16, C27, C28, C29, C39, C42, C43	chip_0805	CAP-00072	1
CAP, 2.2uF, ±20%, 100V, X7R, 0603	C7, C11, C12, C14, C15, C17, C18, C19, C20, C22, C23, C24, C25, C26, C33, C35	chip_1210	CAP-00536	1
	C8, C21	chip_0805	CAP-00032	
CAP, 1uF, 10%, 50V,	C30, C31, C38, C47	chip_0805	CAP-00109	
CAP, 4.7uF, 10%, 25V,		chin 090E		
X7R, 0805 CAP, 10000pF, 10%,				
25V, X7R, 0805				
COG, 0603	C37, C41	chip_0603	CAP-00538	
X7R, 0805	C40	chip_0805	CAP-00131	
	C44, C45	chip_0603	CAP-00417	
CAP, 0.1uF, ±10%,	C46	chip_0603	CAP-00542	
Dio, Silicon, 200mA,	D1 D8		DIO-00060	
300mW, SOD-523 Dio, Schottky Array, Dual, Common Cathode, 100V 20A,	D6	DPAK_SLIM	DIO-00082	
1500 W Peak Power Zener Transient Voltage Suppressor, Unidirectional, 2-Pin SMC, Pb-Free, Tape and Reel	D7	ONSC-SMC-2-403- 03_V	CMP-1061-00497-1	
Transient Voltage Suppressor Diode Array, Dual Common Anode Diodes for ESD Protection, 3-Pin SOT- 23, Pb-Free, Tape and	D9, D10, D12	ONSC-SOT-23-3-318- 08_V	CMP-1061-00666-1	
LED, Green, SMD Right- Angle, Low-Current, Kingbright HELI2	D11, D13, D14, D15	APA2107	DIO-00083	
Backplane Header, Blades and Pins, Edge Mount Right Angle, 10 Power 25 Signal	л	TE_CONN_2-1926730- 5	CONN-00093	
Pos, 5.08mm, 12A, Right-Angle	J2	PHOENIX_1757242	CONN-00102	
	J3	JST_PHR_2_0	CONN-00048	
Fuse Holder, 30A, 500V, LP-Mini 897, ATOF 257	P1	FUSE_HOLDER_KEYST ONE_3557-2	CONN-00015	
Header, 10-pin IDC, 2 54mm Pitch	P4	CNC_TECH_3020-10- 0100-XX	CONN-00054	
Header, 2x1, 0.1"		hddr_2x1_0	CONN-00055	
XSTR, MOSFET P- Channel, 80V 110A,	Q1, Q2, Q4, Q5	D2PAK-3_1	XSTR-00050	
XSTR PFET, 3A, 60V, 2.5W, SOIC-8	Q3	SO-8	XSTR-00036	
1/8W 0805	R7	chip_0805	RES-00240	
1/8W 0805	R8, R27, R34, R48, R49, R50	chip_0805	RES-00307	
	R9, R16, R26	chip_0805	RES-00361	
RES SMD 1M OHM 1%	R10, R12	chip_0805	RES-00363	
1K78 1W 1% 2512	P11	DESC-2512(A/32)	CMP.1018.00536.1	
1% 1/8W 0805				
300A 2J, 1210	R14	chip_1210		
1% 1/8W 0805	R15	chip_0805	RES-00567	
1% 1/8W 0805	R17, R20	chip_0805	RES-00302	
RES SMD 0 OHM	R18, R19, R22, R25, R43	chip_0805	RES-00720	
1/8W 0805 Thick Film				
1/8W 0805 Thick Film RES SMD 200 OHM 1%	R21, R24	chip_0805	RES-00197	
	R21, R24	chip_0805 chip_2512	RES-00197 RES-00002	
RES SMD 200 OHM 1% 1/8W 0805	R23		RES-00002	
RES SMD 200 OHM 1% 1/8W 0805	R23	chip_2512	RES-00002 CMP-2001-04091-1	
RES SMD 200 OHM 1% 1/8W 0805 RES, 0.001, 1%, 1W, 2512	R23 R28 R29	chip_2512 RESC2013X50X30ML2 0T20 RESC2013X70X40ML2 0T20	RES-00002 CMP-2001-04091-1 CMP-2001-00256-1	
RES SMD 200 OHM 1% 1/8W 0805 RES, 0.001, 1%, 1W, 2512 RES SMD 470 OHM 1% 1/4W 0603	R28 R28 R29 R30, R31	chip_2512 RESC2013X50X30ML2 0T20 RESC2013X70X40ML2	RES-00002 CMP-2001-04091-1	
RES SMD 200 OHM 1% 1/8W 0805 RES 0.001, 1%, 1W, 2512 RES SMD 470 OHM 1% 1/4W 0603 RES SMD 100 OHM 1% 1/8W 0805	R28 R28 R29 R30, R31	chip_2512 RESC2013X50X30ML2 0T20 RESC2013X70X40ML2 0T20	RES-00002 CMP-2001-04091-1 CMP-2001-00256-1	
RES SMD 200 OHM 1% 1/8W 0805 RES, 0.001, 1%, 1W, 2512  RES SMD 470 OHM 1% 1/4W 0603 RES SMD 100 OHM 1%	R23 R28 R29 R30, R31 R32, R33, R39, R40,	chip_2512 RESC2013X50X30ML2 0720 RESC2013X70X40ML2 0720 chip_0603	RES-00002 CMP-2001-04091-1 CMP-2001-00256-1 RES-00236	
RES SMD 200 OHM 1% 1/8W 0805 RES, 0.001, 1%, 1W, 2512 RES SMD 470 OHM 1% 1/4W 0603 RES SMD 100 OHM 1% 1/8W 0805 RES SMD 330 OHM 1% 1/8W 0805 RES SMD 330 OHM 1%	R23 R28 R29 R30, R31 R32, R33, R39, R40, R41, R42	chip_2512 RESC2013X50X30ML2 0T20 RESC2013X70X40ML2 0T20 chip_0603 chip_0805	RES-00002 CMP-2001-04091-1 CMP-2001-00256-1 RES-00236 RES-00179	
RES SMD 240 CHM 1% 1/8W 0805 RES, 0.001, 1%, 1W, 2512 RES SMD 470 CHM 1% 1/4W 0805 RES SMD 100 CHM 1% 1/28W 0805 RES SMD 330 CHM 1% 1/28W 0805 RES SMD 4.7K CHM 1% 1/8W 0805	R23 R26 R29 R30, R31 R32, R33, R39, R40, R41, R42 R35, R36, R37, R38 R44, R47	chip_2512  RESC2013X50X30ML2 0T20 RESC2013X70X40ML2 0T20 chip_0603 chip_0805 chip_0805	RES-00002 CMP-2001-04091-1 CMP-2001-00256-1 RES-00236 RES-00179 RES-00222 RES-00471	
RES SMD 200 OHM 1% 1/8W 0805 RES, 0.001, 1%, 1W, 2512 RES SMD 470 OHM 1% 1/4W 0603 RES SMD 300 OHM 1% 1/8W 0805 RES SMD 330 OHM 1% 1/8W 0805 RES SMD 4.7K OHM	R23 R28 R29 R30, R31 R32, R33, R39, R40, R41, R42 R35, R36, R37, R38 R44, R47	chip_2512 RESC2013X50X30ML2 0120 RESC2013X70X40ML2 0120 chip_0603 chip_0805 chip_0805 chip_0805	RES-00002  CMP-2001-04091-1  CMP-2001-00256-1  RES-002236  RES-00222  RES-00471  RES-00400	
RES SMD 200 OHM 1% 1/28W 6805 RES, 0.001, 1%, 1W, 2512 RES SMD 470 OHM 1% 1/4W 6803 RES SMD 100 OHM 1% 1/28W 6805 RES SMD 100 OHM 1% 1/28W 6805 RES SMD 100 OHM 1% 1/28W 6805 RES SMD 24K OHM 1% 1/28W 6805	R23 R28 R29 R30, R31 R32, R33, R39, R40, R41, R42 R35, R36, R37, R38 R44, R47 R45	chip_2512 RESC2013X50X30ML2 0120 RESC2013X70X40ML2 0120 chip_0603 chip_0805 chip_0805 chip_0805 chip_0805	RES-00002  CMP-2001-04091-1  CMP-2001-00256-1  RES-00236  RES-00236  RES-00222  RES-00400  RES-00400	
RES SMD 200 OHM 1% 1/3W 0805 RES, 0.001, 1%, 1W, 2512 RES SMD 470 OHM 1% 1/4W 0803 RES SMD 100 OHM 3% 1/3W 0805 RES SMD 100 OHM 3% 1/3W 0805 RES SMD 24K OHM 1% 1/3W 0805 RES SMD 24K OHM 1% 1/3W 0805 SWI 1/3W 0805 SWI 1/3W 0805 SWI 1/3W 1850 SWI 1/3W 1850	R23 R28 R29 R30, R31 R32, R33, R39, R40, R41, R42 R35, R36, R37, R38 R44, R47 R45 R46 SW1	chip_2512 RESC2013X50X30ML2 0120 RESC2013X70X40ML2 0120 chip_0603 chip_0805 chip_0805 chip_0805 chip_0805	RES-00002  CMP-2001-04091-1  CMP-2001-00256-1  RES-00236  RES-00179  RES-00222  RES-00471  RES-00400  RES-00420  MISC-00024	
RES SMD 200 OHM 1% 178W 0805 RES, 0.001, 1%, 1W, 2512 RES SMD 470 OHM 1% 174W 0803 RES SMD 00 OHM 1% 17,8W 0805 RES SMD 00 OHM 1% 17,8W 0805 RES SMD 03 OHM 1% 18,1W 0805 RES	R23 R28 R29 R30, R31 R32, R33, R39, R40, R41, R42 R35, R30, R37, R38 R44, R47 R45	chip_2512 RESC2013X50X30ML2 0120 RESC2013X50X30ML2 0120 0120 chip_0805 chip_0805 chip_0805 chip_0805 chip_0805 chip_0805	RES-00002  CMP-2001-04091-1  CMP-2001-00256-1  RES-002236  RES-00179  RES-004271  RES-00400  RES-00420  MISC-00024	
RES SMD 200 CHM 1% 178W 0805 RES, 0.001, 1%, 1W, 2512 RES SMD 470 CHM 1% 174W 0805 RES SMD 100 CHM 1% 174W 0805 RES SMD 100 CHM 1% 174W 0805 RES SMD 230 CHM 1% 174W 0805 RES SMD 240 CHM 1% 175W 0805 RES SMD 240 CHM 1% 175W 0805 RES SMD 240 CHM 1% 175W 0805 RES SMD 240 CHM 1% 18 175W 0805 RES SMD 240 CHM 1% 18 175W 0805 RES SMD 240 CHM 1% 18 175W 0805	R23 R28 R29 R30, R31 R32, R33, R39, R40, R41, R42 R35, R36, R37, R38 R44, R47 R45 R46 SW1	chip_2512 RESC2013X50X30ML2 0120 RESC2013X70X40ML2 0120 chip_0603 chip_0805 chip_0805 chip_0805 chip_0805	RES-00002  CMP-2001-04091-1  CMP-2001-00256-1  RES-00236  RES-00179  RES-00222  RES-00471  RES-00400  RES-00420  MISC-00024	
RES SMD 200 OHM 1% 178W 0805 RES, 0.001, 1%, 1W, 2512  RES SMD 470 OHM 1% 174W 0805 RES SMD 100 OHM 1% 174W 0805 RES SMD 100 OHM 1% 174W 0805 RES SMD 100 OHM 1% 174W 0805 RES SMD 330 OHM 1% 174W 0805 RES SMD 330 OHM 1% 175W 0805 RES SMD 330 OHM 1% 18 178W 0805 SMD 350 OHM 1% 18 178W 0805	R23 R28 R29 R30, R31 R32, R33, R39, R40, R41, R42 R35, R30, R37, R38 R44, R47 R45	chip_2512 RESC2013X50X30ML2 0120 RESC2013X50X30ML2 0120 0120 chip_0805 chip_0805 chip_0805 chip_0805 chip_0805 chip_0805	RES-00002  CMP-2001-04091-1  CMP-2001-00256-1  RES-002236  RES-00179  RES-004271  RES-00400  RES-00420  MISC-00024	
	Battlery Holder, 18650, SMD  CAP, 0.104F, 10%, SMD  CAP, 0.104F, 10%, SMD  CAP, 2.204F, 2.20%, 1000, XTR, 0603  CAP, 2.704F, 2.20%, 1000, XTR, 0603  CAP, 2.704F, 10%, SMV, XTR, 0603  CAP, 2.704F, 10%, SMV, 20%, 20%, 20%, 20%, 20%, 20%, 20%, 20%	Battery Holder, 18650.  CAP, D. Loud, 10%, 50%, 50%, 50%, 50%, 50%, 50%, 50%, 5	Battery Holder, 1860.  SAID  S	Battery Holder, 1866. SAID  SA