

Comment	Description	Designator	Footprint	LibRef	Quantity
5010	Test Point, Red, Through Hole, RoHS, Bulk	+1, 1, VBAT1, VREF1	KSTN-5010_V	CMP-1672-00002-4	4
1uF	Capacitor	C1	CAPC0805	Cap	1
100nF / 50V	Capacitor	C2, C5, C6, C7, C9, C11, C12, C16	CAPC0805	Cap	8
10uF	Capacitor	C3	CAPC0805	Cap	1
100nF	Capacitor	C4	CAPC0805	Cap	1
10uF / 50V	Capacitor	C8, C10	CAPC0805	Cap	2
470pF / 16V	Capacitor	C13	CAPC0805	Cap	1
330nF / 16V	Capacitor	C14	CAPC0805	Cap	1
1uF / 16V	Capacitor	C15, C17, C18, C19	CAPC0805	Cap	4
4.7uF / 50V	Capacitor	C20	CAPC0805	Cap	1
Cap	Capacitor	C21, C22	CAPC0805	Cap	2
BAS40-06	Silicon Schottky Diode, -55 to 150 degC, SOT23, Reel, Green	D1	INF-SOT23_M	CMP-1182-00022-1	1
8240136	TVS Diode WE-TVS-HS, VRWM=3.3V	D2, D3	SOT143-4L	CMP-1486-00002-1	2
HSMH-C190	LED Uni-Color Red, 65 mW, 20 mA, -40 to 85 degC, 2-Pin SMD, RoHS, Tape and Reel	DS1	AVAG-HSMX-C190_V	CMP-1744-00004-1	1
5011	Test Point, Black, Through Hole, RoHS, Bulk	GND1, GND2, GND3	KSTN-5011_V	CMP-1672-00003-4	3
687312124422	SMT ZIF Connectors WR-FPC, Vertical, Type A, pitch 0.5 mm, 12 pins	J1	687312124422	CMP-1502-01609-1	1
691137710002	Series 1377 - 5.00 mm Horizontal Entry with Pressure Clamp WR-TBL, 2 pin	J2, J3	691137710002	CMP-1502-03324-1	2
SJ-63073E	Audio/RCA Connector	J4	CUI_SJ-63073E	SJ-63073E	1
629105150921	Micro USB 2.0 Type AB Receptacle WR-COM, Horizontal, SMT	J5	629105150921	CMP-1502-03249-1	1
MAX9700		K1	SOP50P490X110-10N	MAX9700	1
Header 3	Header, 3-Pin	P1	PIN-1x03_2.54	Header 3	1
Header 6	Header, 6-Pin	P2	PIN-1x06_2.54	Header 6	1
NVR1P02T1G	Power MOSFET, -20 V, -1 A, P-Channel, 3-Pin SOT-23, Pb-Free, Tape and Reel	Q1	ONSC-SOT-23-3-318-08_V	CMP-1058-00745-1	1
BSS138LT1G	Power MOSFET, 200 mA, 50 V, N-Channel, 3-Pin SOT-23, Pb-Free, Tape and Reel	Q2	ONSC-SOT-23-3-318-08_V	CMP-1058-00767-1	1
10k	Resistor	R1, R4, R5	RESC0805	RES	3
2k	Resistor	R2	RESC0805	RES	1
47k	Resistor	R3	RESC0805	RES	1
100	Resistor	R6	RESC0805	RES	1
120k	Resistor	R7, R9, R10	RESC0805	RES	3
33k	Resistor	R8	RESC0805	RES	1
22k	Resistor	R11, R12	RESC0805	RES	2
VALUE	Resistor	R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25	RESC0805	RES	13
5012	Test Point, White, Through Hole, RoHS, Bulk	RAWSIG1	KSTN-5012_V	CMP-1672-00004-4	1
PTS645SM43SMTR 92LFS	SWITCH TACTILE SPST-NO 0.05A 12V	SW1	FP-PTS645SM43SMTR 92LFS-MFG	CMP-2000-05160-2	1
MCP4901-E/SN	8-Bit DAC with SPI Interface, 8-Pin SOIC 150mil, Extended Temperature	U1	SOIC-SN8_N	CMP-0188-01155-1	1
PIC18F4550-I/PT	PIC PICA® 18F Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_ FLASH 44-TQFP _10x10_	U2	TQFP80P1200X120 0X120-44M	PIC18F4550-I/PT	1
LM6132BIM	Dual Low Power 10 MHz Rail-to-Rail I/O Operational Amplifier, 8-pin Narrow SOIC	U3	D0008A_N	CMP-0055-00790-3	1
MAX1793EUE33+	Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDSO16	U4	Z1-0108_U16E+3_MX M	MAX1793EUE33+	1
Support Pile 18650	No Description Available	U5	FP-1042P-MFG	1042P	1
MCP73871T-2CCI/ML	IC USB/AC BATT CHRGR W/PPM 20QFN	U6	FP-C04-126-IPC_C	CMP-06318-000014-1	1
Header 4	Header, 4-Pin	X1, X3	Connector Berg 4P	Header 4	2
686104183822	SMT ZIF Connectors WR-FPC, Vertical, Type A, pitch 1 mm, 4 pins	X2, X4	686104183822	CMP-1502-01500-1	2