Comment	Description Test Point, Red,	Designator	Footprint	LibRef	Quantity
5010	Through Hole,	+1, 1, VBAT1,	KSTN-5010_V	CMP-1672-00002-	4
	RoHS, Bulk	VREF1		4	
1uF	Capacitor	C1 C2, C5, C6, C7, C9,	CAPC0805	Cap	1
100nF / 50V	Capacitor	C11, C12, C16	CAPC0805	Сар	8
10uF	Capacitor	C3	CAPC0805	Сар	1
100nF	Capacitor	C4	CAPC0805	Cap	1
10uF / 50V 470pF / 16V	Capacitor Capacitor	C8, C10 C13	CAPC0805 CAPC0805	Cap Cap	2
330nF / 16V	Capacitor	C14	CAPC0805	Сар	1
1uF / 16V	Capacitor	C15, C17, C18, C19	CAPC0805	Cap	4
4.7uF / 50V	Capacitor	C20	CAPC0805	Cap	1
Cap	Capacitor Silicon Schottky	C21, C22	CAPC0805	Сар	2
BAS40-06	Diode, -55 to 150	D1	INE COTOS NA	CMP-1182-00022-	
	degC, SOT23,	D1	INF-SOT23_M	1	1
	Reel, Green TVS Diode WE-				
8240136	TVS-HS,	D2, D3	SOT143-4L	CMP-1486-00002-	2
	VRWM=3.3V	,_,		1	
LICANII C100	LED Uni-Color				
	Red, 65 mW, 20 mA, -40 to 85		AVAG-HSMX-	CMP-1744-00004-	
HSMH-C190	degC, 2-Pin SMD,	DS1	C190_V	1	1
	RoHS, Tape and		- · · · <u>-</u>		
	Reel				
5011	Test Point, Black, Through Hole,	GND1, GND2,	KSTN-5011_V	CMP-1672-00003-	3
	RoHS, Bulk	GND3	K3114-3011_V	4	١
	SMT ZIF				
687312124422	Connectors WR-	11	687312124422	CMP-1502-01609-	_
06/312124422	FPC, Vertical, Type A, pitch 0.5	J1	007312124422	1	"
	mm, 12 pins				
	Series 1377 - 5.00				
691137710002	mm Horizontal	12 13	691137710002	CMP-1502-03324-	
	Entry with Pressure Clamp	J2, J3	07113//10002	1	2
	WR-TBL, 2 pin				
SJ-63073E	Audio/RCA	J4	CUI_SJ-63073E	SJ-63073E	1
	Connector Micro USB 2.0				
629105150921	Type AB				
	Receptacle WR-	J5	629105150921	CMP-1502-03249-	1
	COM, Horizontal,			<u>'</u>	
	SMT		SOP50P490X110-		
MAX9700		K1	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
	Power MOSFET, - 20 V, -1 A, P-				
NVR1P02T1G	Channel, 3-Pin	Ω1	ONSC-SOT-23-3-	CMP-1058-00745-	1
	SOT-23, Pb-Free,		318-08_V	1	
	Tape and Reel				
BSS138LT1G	Power MOSFET, 200 mA, 50 V, N-				
	Channel, 3-Pin	Q2	ONSC-SOT-23-3- 318-08_V	CMP-1058-00767-	1
	SOT-23, Pb-Free,		310-00_V	<u>'</u>	
10k	Tape and Reel Resistor	R1, R4, R5	RESC0805	RES	3
2k	Resistor	R2	RESC0805	RES	1
47k	Resistor	R3	RESC0805	RES	1
100 120k	Resistor Resistor	R6 R7, R9, R10	RESC0805 RESC0805	RES RES	1 3
33k	Resistor	R8	RESC0805	RES	1
22k	Resistor	R11, R12	RESC0805	RES	2
VALUE		R13, R14, R15,			
	Resistor	R16, R17, R18, R19, R20, R21,	RESC0805	RES	13
		R22, R23, R24, R25			
	Test Point, White,			CMP-1672-00004-	
5012	Through Hole,	RAWSIG1	KSTN-5012_V	4	1
	RoHS, Bulk SWITCH TACTILE		FP-		
PTS645SM43SMTR	SPST-NO 0.05A	SW1	PTS645SM43SMTR	CMP-2000-05160-	1
92LFS	12V		92LFS-MFG	2	
	8-Bit DAC with SPI				
MCP4901-E/SN	Interface, 8-Pin SOIC 150mil,	U1	SOIC-SN8_N	CMP-0188-01155-	1
	Extended			1	'
	Temperature				
DIO4054550 L/DT	I				
	PIC PIC® 18F				
DI040F:	Microcontroller IC		TQFP80P1200X120	DI040F:	
PIC18F4550-I/PT	Microcontroller IC 8-Bit 48MHz 32KB	U2	TQFP80P1200X120 0X120-44M	PIC18F4550-I/PT	1
PIC18F4550-I/PT	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH	U2		PIC18F4550-I/PT	1
PIC18F4550-I/PT	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TQFP _10x10_	U2		PIC18F4550-I/PT	1
PIC18F4550-I/PT	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH	U2		PIC18F4550-I/PT	1
	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TQFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O		0X120-44M	CMP-0055-00790-	1
PIC18F4550-I/PT	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational	U2 U3			1
	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TQFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Amplifier, 8-pin		0X120-44M	CMP-0055-00790-	1
	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational		0X120-44M	CMP-0055-00790-	1
	Microcontroller IC 8-Bit 48MHz 32KB 16K x 16_FLASH 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Amplifier, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO		0X120-44M D0008A_N	CMP-0055-00790-	1
LM6132BIM	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Ampliffer, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V		0X120-44M	CMP-0055-00790-	1
LM6132BIM	Microcontroller IC 8-Bit 48MHz 32KB 1-6K x 16, FLASH 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Ampliffer, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max,	U3	0X120-44M D0008A_N	CMP-0055-00790-	1
LM6132BIM	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Ampliffer, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V	U3	D0008A_N 21- 0108_U16E+3_MX	CMP-0055-00790-	1
LM6132BIM MAX1793EUE33+ Support Pile	Microcontroller IC 8-Bit 48MHz 32KB 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Ampliffer, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDS016 No Description	U3	D0008A_N 21- 0108_U16E+3_MX	CMP-0055-00790-	1 1
LM6132BIM MAX1793EUE33+ Support Pile 18650	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FL0X10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Amplifier, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDS016 No Description Available	U3	0X120-44M D0008A_N 21- 0108_U16E+3_MX M	CMP-0055-00790-3 3 MAX1793EUE33+	1 1
LM6132BIM MAX1793EUE33+ Support Pile 18650 MCP73871T-	Microcontroller IC 8-Bit 48MHz 32KB 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Ampliffer, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDS016 No Description	U3	0X120-44M D0008A_N 21- 0108_U16E+3_MX M FP-1042P-MFG	CMP-0055-00790-3 MAX1793EUE33+ 1042P CMP-06318-	1 1 1
LM6132BIM MAX1793EUE33+ Support Pile 18650	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Amplifier, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDSO16 No Description No Description Low	U3 U4 U5	0X120-44M D0008A_N 21- 0108_U16E+3_MX M	CMP-0055-00790-3 3 MAX1793EUE33+	1 1 1
LM6132BIM MAX1793EUE33+ Support Pile 18650 MCP73871T-2CCI/ML	Microcontroller IC 8-Bit 48MHz 32KB 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Amplifier, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDSO16 No Description Available IC USB/AC BATT CHRGR W/PPM	U3 U4 U5	0X120-44M D0008A_N 21- 0108_U16E+3_MX M FP-1042P-MFG FP-C04-126-IPC_C Connnector Berg	CMP-0055-00790-3 MAX1793EUE33+ 1042P CMP-06318-	1 1 1 1 2 2
LM6132BIM MAX1793EUE33+ Support Pile 18650 MCP73871T-	Microcontroller IC 8-Bit 48MHz 32KB 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Ampliffer, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDSO16 No Description Available IC USB/AC BATT CHRGR W/PPM 200FN Header, 4-Pin	U3 U4 U5 U6	0X120-44M D0008A_N 21- 0108_U16E+3_MX M FP-1042P-MFG FP-C04-126-IPC_C	CMP-0055-00790-3 MAX1793EUE33+ 1042P CMP-06318- 000014-1	1 1 1 2 2
LM6132BIM MAX1793EUE33+ Support Pile 18650 MCP73871T-2CCI/ML	Microcontroller IC 8-Bit 48MHz 32KB 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Amplifier, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDSO16 No Description Available IC USB/AC BATT CHRGR W/PPM 200FN	U3 U4 U5 U6	0X120-44M D0008A_N 21- 0108_U16E+3_MX M FP-1042P-MFG FP-C04-126-IPC_C Connnector Berg	CMP-0055-00790-3 MAX1793EUE33+ 1042P CMP-06318- 000014-1 Header 4	1 1 1 2 2
LM6132BIM MAX1793EUE33+ Support Pile 18650 MCP73871T-2CCI/ML	Microcontroller IC 8-Bit 48MHz 32KB 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Ampliffer, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDSO16 No Description Available IC USB/AC BATT CHRGR W/PPM 200FN Header, 4-Pin SMT ZIF FFC, Vertical,	U3 U4 U5 U6	0X120-44M D0008A_N 21- 0108_U16E+3_MX M FP-1042P-MFG FP-C04-126-IPC_C Connnector Berg	CMP-0055-00790-3 MAX1793EUE33+ 1042P CMP-06318- 000014-1	1 1 1 1 1 2 2 2 2
LM6132BIM MAX1793EUE33+ Support Pile 18650 MCP73871T- 2CCI/ML Header 4	Microcontroller IC 8-Bit 48MHz 32KB _16K x 16_FLASH 44-TOFP_10x10_ Dual Low Power 10 MHz Rail-to- Rail I/O Operational Amplifier, 8-pin Narrow SOIC Fixed/Adjustable Positive LDO Regulator, 1.25V Min, 5V Max, 0.35V Dropout, PMOS, PDSO16 NO Description Available IC USB/AC BATT CHRGR W/PPM 200FN Header, 4-Pin SMT ZIF Connectors WR-	U3 U4 U5 U6 X1, X3	0X120-44M D0008A_N 21- 0108_U16E+3_MX M FP-1042P-MFG FP-C04-126-IPC_C Connnector Berg 4P	CMP-0055-00790-3 MAX1793EUE33+ 1042P CMP-06318- 000014-1 Header 4 CMP-1502-01500-	1 1 1 1 1 2 2 2 2