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Comment	Description	Designator	Manufacturer	Manufacturer Part Number	Quantity	Footprint	Supplier	Supplier - 2	Supplier 2 Part Number	Supplier Part Number
Battery 3V	3V 120mAh LITHIUM COIN 3V W/1500	B11	Panasonic - S&S	CR2032-HEM	1	BAT_02032	Dig-Key			71864D
2.2uF 25V	2.2uF 25V XGR 50C3	C1, C49	MURATA	GRM188R1E222K A12D	2	220603	Dig-Key, Element 14			462-07333-1-ND, 1842734
0.1 uF 25V	CAPACITOR CERAMIC 0.1 uF, 25V XGR 10% 50C3		YAGEO	CC06039K7R0BBS 104	25	220603	Element 14			2368208
220uF 16V	220uF 16V Electrolytic Capacitor Radial	C5	Nichicon	EGD1C221MCL3S 2	1	CAPACES03052N	Dig-Key			49343368-2-ND
1 uF	1uF 50V Tantalum Capacitor		Kemet	T1-100R10SR9AC-TU	1	1206				
0.47uF 16V	CAPACITOR CERAMIC 0.47uF, 16V XGR 10% 50C3	C3, C8, C9	TDK	C1805XSR1A474K0 005A	3	220603	Farwell			1844207
1 uF 50V	CAPACITOR TANTALUM 1uF, 50V XGR	C11, C13	Kemet	T1-100R10SR9AC-TU	2	1206R	Farwell			1288207
47 uF 10V	CAP. TANTALUM 47uF, 10V, CASE C	C12	AVX	TALCA7MM1070N4	1	180322	Farwell			2332660
0.1 uF 25V	CAPACITOR CERAMIC 0.1 uF, 25V XGR 10% 50C3	C14, C15	YAGEO	CC06039K7R0BBS 104	2	220603	Element 14			2368208
10uF 25V	TALC10W025RNJ CAP. TANT. 10uF, 25V, CASE C, REEL, CAP. TANTALUM 10UF 25V 10% 50C3	C23, C25	AVX	TALC10W025RNJ	2	CASE C	Element 14			2217281
120pF /50V	Cap 120p 50V 50V COG NPO 0603	C42, C43	Kyocera AVX	90035A120JA72A	2	220603	Dig-Key			478-1164-1-ND
100pF / 50V	Cap 100p 50V 50V COG NPO 0603	C44, C45	Kyocera AVX	90035A100JA72A	2	220603	Dig-Key			478-1163-1-ND
1uF 10V	Capacitor: 1 uF, 10 V, 50C3 1508 Manganese 10% XGR, TAYO YAGDN, LMK10787105KA-T 3-840 Multilayer Ceramic Capacitor, 1 uF, 10 V, 50C3 [840 Mank] 10% XGR, M Series	C46, C83	Taiyo Yuden	LMK10787105KA-T	2	220603	Dig-Key			587-1242-1-ND
0.01uF 25V	CAPACITOR 0.01uF, 25V XGR 10% 50C3, TAYO YAGDN, TMK10567103KUF CERAMIC CAPACITOR 0.01uF, 25V, XGR 10% 50C3, FULL REEL	C48, C58, C59, C62	Taiyo Yuden	TMK10567103KUF	4	CAPC105652N	Dig-Key			587-1223-1-ND
220pF 50V	CAPACITOR 220pF, 50V, 22P5	C64	MULTICOMP	MCC0A00865	1	R0803	Farwell			1658144
1YV0545	DIODE SCHOTTKY 40V 0.75A SOT23	C71	FAIRCHILD SEMICONDUCTOR	FYV0545MTF	1	SOT23A	Element 14			2463263
B77S2C245	MULTICOMP B77S2C245- DIODE, GENER, 2.5W, SMD, 303	C72	MULTICOMP	B77S2C245	1	010_303120FL	Element 14			1469039FL
1N4002	DIODE RECTIFIER, 500V, 1A, DO-41	C73	DIODES INC	1N4002-T	1	S0-41	Element 14			1658673
8888PDA-13F	1Y5-1008 (DIP-8) 1Y5 SMD 303	C75	Shikoh Inc.	8888PDA-13F	1	020M3030305N	Dig-Key			3885759KFC011-ND
CEB0723-124CAN	1Y5 SMD 303 WSPREP123208 Header, SMT, pitch 2.5mm, Single Row, Vertical, 12p	C76	Bourns	CEB0723-124CAN	1	S0159233011F-2N	Dig-Key			0250123-124CANCT-ND
0 Connector 9	0 Connector 9 Pin, Right Angle	C77	MULTICOMP	9PC15412	1	DSUB15_3MS 9Pin_Nwh	Newark			79K4994
050100ALF	050100ALF 5.0MM SMD R/A	C78	Molex Inc	0512969094	1	0512969094	Mouser			338-503366-6011
05W10R-23TE1LJ	05W10R-23TE1LJ 05MM SMD R/A	C79	PCB	05W10R-23TE1LJ	1	SFW10R-23TE1LJ_M01	Farwell			1632058
10uH	Choke-MURATA, LQ-H65N10M063, INDUCTOR, 10UH, CASE, 10uH, 20% 1	C81	MURATA	LQ-H65N10M063	1	12526	Wurth	Element 14	1515519	744053100
MMZ0125801A	MMZ0125801A 0.25W, SMD, 303	C82	TDK	MMZ0125801A10 30	1	18028R	Farwell			1307873
Connector Fakra	Header Mx63-2 Pin, F2	C83	IT Connectivity	26254-2	1	26254-2				26254-2
R011	R Resistor 1W	C84	PCB	R180-044LF	1	R11_030742				
Resistor 402	Resistor 402, 10k, 1% 2P	C85	PCB	R180-044LF	1	R202A				
0715-2305R2	0715-2305R2 Resistor Mx63-2 Pin, F2	C86	MORNISUN	0715-2305R2	1	0715-2305R2				
10K	RESISTOR, 10K, 0.1W, 1%, 0603, SMD	C87	VISHAY	CROW060310K0FK EA	10	4603	Element 14			1468748
10R	RES 10 OHM 1/8W 1% 0603	C88	MULTICOMP	MCRP0303WB150J 0E	1	220603	Element 14			1576223
0R	RESISTOR 0 OHM, 0.1W, 1%, 0603, SMD	R1, R7, R8A, R8B	VISHAY DRALORC	CROW060300020 EA	4	4603	Farwell			1468739
02R	RESISTOR THICK FILM 27 OHM 100WV, 1% 1812	R2, R3, R4, R5	PANASONIC	BRJ-30K272R0V	20	4603	Element 14			2284204
01R	01R Resistor 1W	C89	Panasonic	BRJ-30K272R0V	1	4603	Dig-Key			161027-ND
121K	RESISTOR 121K, 0.1W, 1%, 0603, SMD	R15, R16, R5B, R60	VISHAY	CROW0603121KFK EA	4	4603	Farwell			1652852
1K	RESISTOR 1K, 0.1W, 1%, 0603, SMD	R17, R18, R57, R58	VISHAY DRALORC	CROW06031K00FK EA	4	4603	Farwell			1468740
Res Variable_1	PCF81 Termination Connector Through Hole 0.8x0.8x0.7 (1.78mm Dia)	R61	EPSON	85244511E	1	872214583910101	Farwell			
Test Point 8.10mm	Test Point 8.10mm	T1, T2	Harwin	HQ160-05	2	HQ18201	Dig-Key			952-HQ182-05-ND
05A IC	MCU 32-Bit Tiva C ARM Cortex-M4F, RISC 1524KB Flash, 1.2V, 3.3V, 270 Pin, NFBGA TR 21	C91	Texas Instruments	TMAC120XN23AD 8S	1	TMAC120XN23AD	Dig-Key			208-43681-1-ND
0AN53385X	0AN53385X 1.6AHz, 30V FEET, 507723	C92	FAIRCHILD SEMICONDUCTOR	FAH53385X	1	SOT23-6	Element 14			1658498
0NY174	0NY174 1.6AHz, 30V FEET, 507723	C93, U8, U9, U15	VISHAY	0NY174	4	DIP6	Farwell			1468547
W25N6120VEIG	IC FLASH 512MBIT SPM QUAD WIRESON	C94	Winbond	W25N6120VEIG	1	SON127P80X800-V80R6ND	Dig-Key			256-W25N6120VEIG-ND
MAX3232DR	MAX3232DR 1.6AHz, 30V FEET, 507723	C95	Texas Instruments	MAX3232DR	1	SON127P80X800-V80R6ND				
TLV117-33CDY	TLV117-33CDY RES, 3.3V, 0.8A, SOT-223-3	C11	TEXAS INSTRUMENTS	TLV117-33CDY	1	SOT-223	Element 14			1494942
TPS8069	TPS8069 BMD, SOT-23-3, 809	C12	MICREL SEMICONDUCTOR	MC803-302DVMS TR	1	SOT23-3	Element 14			1624767
B-59055	B-59055 DC/DC CONVERTER, 1W, ONE-SV O/P	C13	XP POWER	XC8035905	1	B-59055	Farwell			1859096
32 768RHZ	32 768RHZ 0.1uF, 25V, 10% 50C3	C14	Shenn	32R200732768Z	1	SMD007	Dig-Key			302-8736-1-ND
05A IC	05A IC 0.1uF, 25V, 10% 50C3	C15	NOK	NA05020A-25-000A	1	NA05020A	Dig-Key			544-1541-1-ND