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Value	Comment	Description	Designator C1, C3, C27, C29, C34, C36, C40, C41, C44, C45	Footprint C0603	LibRef 0603_1uF_10%	Manufacturer Talyo Yuden	Manufacturer 1 Taiyo Yuden	Manufacturer Part Number 1 UMK107BJ10SKA-T	y D
22uF		1uF, 10%, 50V, X5R, 0603 22uF, 20%, 6.3V, X5R, 0603	C2	C0603	0603_1UF_10% 0603_22uF_20%	Murata Electronics North America	Murata	GRM188R60J226MEA0D	10 Ks
22uF		22uF, 20%, 6.3V, XSR, 0603	C4	C0603	0603_22uF_20%	Murata Electronics North America	Murata	GRM188R60J226MEA0D	1 ks
100uF		100uF, 20%, 4V, XSR, 0805 4.7uF, 10%, 6.3V, XSR,	C5, C6	C0805	0805_100uF_20%_4V	Murata Electronics North America	Murata	GRM21BR60G107ME15L	2 ks
4.7uF		4.7uF, 10%, 6.3V, XSR, 0603 10nF, 10%, 50V, X7R,	C7, C10, C11	C0603	0603_4.7uF_10%	Yageo	Yageo	CC0603KRXSR5BB475	3 ks
10nF		0603	C8, C9, C14	C0603	0603_10nF_10%	Yageo	Yageo	CC0603KRX7R9BB103	3 ks
7.5pF		Capacitor	C12	C0603	Capacitor		Johanson	251R14S7R5CV4T	1 ks
1.3pF		Capacitor	C13	C0603	Capacitor		Johanson	251R14S1R38V4T	1 ks
82pF 18pF		Capacitor 18pF, 5%, 100V, COG-NPO, 0603	C15 C16 C17 C21	C0603	Capacitor 0603_18pF_5%	Murata Murata Electronics North America	Murata	GQM1875C2E820JB12D GRM1885C2A180JA01D	1 ks
1nF		1nF, 5%, 50V, COG-NPO, 0603	C18, C20	C0603	0603_16pr_5% 0603_1nF_5%	AVX Corporation	Kyocera AVX	06035A102JAT2A	Di
100nF		100nF, 10%, 50V, X7R, 0603	C19	C0402	0603_100nF_10%	AVX Corporation	Kyocera AVX	06035C104KAZ2A	1 ks
18pF	DNM	18pF, 5%, 100V, COG-NPO, 0603	C24, C25, C26	C0603	0603_18pF_5%	Murata Electronics North America	Murata	GRM1885C2A180IA01D	Di 3 ks
2.2nF		2.2nF, 10%, 50V, X7R, 0603	C28	C0603	0603_2.2nF_10%	Yageo	Yageo	CC0603KRX7R9BB222	Di 1 ks
100nF		100nF, 10%, 50V, X7R, 0603	C30, C33, C35, C38, C39	C0603	0603_100nF_10%	AVX Corporation	Kyocera AVX	06035C104KAZ2A	Di 5 ks
4.7pF		0603 4.7pF, ±0.1pF, 50V, C0G- NPO, 0603	C31, C32	C0603	0603_4.7pF_±0.1pF	Samsung Electro-Mechanics America, Inc.	Samsung	CL10C4R7BB8NNNC	2 ks
1u		Capacitor Schottky Barrier Diodo	C37	C0603	Capacitor		Samsung	CL10A105KB8NNNC	1 Ka
		Schottky Barrier Diode, 40 V, 200 mA, -55 to 125 degC, 3-Pin SOT23, RoHS,							D
	HSMS-286	Tape and Reel Diode Schottky, 30V.	D1	DIOD-SOT23-3_V	HSMS-286 DIODE_Schottky_CUSS20,		Broadcom	HSMS-2860-BLKG	1 ks
CUS520		200mA, SOD-323 Fuse 100mA 0603 PTC	D2	SOD323	H3F	Toshiba Semiconductor and Storage	Toshiba	CUSS20,H3F	1 ks
MF-FSMF010X-2		Resettable 15V, Concave Pads for soldering Battery	F1	F0603_70	Fuse_MF_FSMF010X_2	Bourns Inc.	Bourns	MF-FSMF010X-2	1 ks
Lilon battery 3.7	Battery Pads		J1	Battery	Battery		Adafruit Industries	2750	1 ks
Header_8P1R		Connector 0.100" (2.54mm) Through Hole Gold Header 2 Positions 1 Row	.12	HEADER8X1	HEADER_8PX1R_2.54MM	Samtec Inc.	Loading	Loading	Di 1 Re
Header_2P1R		Connector 0.100° (2.54mm) Through Hole Gold Hearler 3 Positions 1 Pow	В	HEADER2X1	HEADER_2PX1R_2.54MM	Samtec Inc.	Samtec	HTSW-102-07-G-S	Di 1 84
		Connector 0.100" (2.54mm) Through Hole			1				Di
Header_3P1R		Gold Inductor 22µH Shielded	n	HEADER3X1	HEADER_3PX1R_2.54MM Inductor_VLS201610CX-	Samtec Inc.	Samtec	HTSW-103-07-G-S	1 ks
22uH		Wirewound Inductor 10µH Shielded	LI	VLS201610	220M Inductor_VLS201610CX- 100M	TDK	TDK	VLS201610CX-220M	1 ks
10uH		Wirewound	12	VLS201610		TDK	TDK	VLS201610CX-100M	1 ks
18nH		Inductor Inductor 15nH, 300mA, 450 mOhm Max, Ceramic,	L3, L4	L0603	Inductor	Johanson	Johanson	L-05B18NJV6T	2 ks
15nH	DNM	450 mOhm Max, Ceramic, 0603	LS	L0603 Solar_SLMD600H10L_SPRI	Inductor_0603_15nH	Bourns Inc.	Bourns	C1160808-15NJ	1 ks
	SLMD600H10L	Solar SLMD600H10L	P2	Solar_SLMD600H10L_SPRI NG	VoltageSource		ins	SLMID600H10L	1 ks
	CONREVSMA013.031	RP-SMA Male Edge Mount Connector for 0.031" Thick Boards	P3	CON-REVSMA-EDGE	CMP-0168-00032-1		Linx	CONREVSMA001	Di 1 ks
	Header 8X2	Header, 8-Pin, Dual row	P4	HDR2X8	Header 8X2		LIIX	CONNECTAMENT	1
	Header 3X2	Header, 3-Pin, Dual row Male Header, Pitch 2:54 mm, 2 x 7 Position,	PS PS	HDR2X3	Header 3X2				-
	N2514-6002RB	Height 9.91 mm, Tail Length 2.84 mm, -55 to 105 degC, RoHS, Tray	P6	3M-N2514-6002RB_V	CN-2P-M-R14	3M			1
	Jumper Power	Header, 2-Pin	P7 R1, R2, R14, R24, R26,	HDR1X2	Header 2				1 Di
OR	DNM	OR, Jumper, 100mW, 0603	R51, R54, R58, R60	R0603	0603_0R_Jumper	Yageo	Yageo	RC0603JR-070RL	9 ks
OR .				R0603	0603_0R_Jumper	Yageo	Yageo	RC0603JR-070RL	3 ks
UN .			R4, R21, R52	R0603	0603_0R_Jumper	Yageo	Yageo	RC0603JR-070RL	3 ks
IM.		10M, 1%, 100mW, 0603 1M, 1%, 100mW, 0603	R7, R8, R9, R10 R11, R13, R27, R33, R34	R0603 R0603	0603_10M_1% 0603_1M_1%	Yageo	Yageo	RC0603FR-0710ML RC0603FR-071ML	4 ks
1M 4M7		1M, 1%, 100mW, 0603 4M7, 1%, 100mW, 0603	R11, R13, R27, R33, R34 R15, R16	R0603 R0402	0603_1M_1% 0603_4M7_1%	Yageo	Yageo	RC0603FR-071ML RC0603FR-074M7L	5 Ks
1M7		4M7, 1%, 100mW, 0603 100R, 1%, 63mW, 0402	R15, R16 R18	R0402 R0402	0603_4M7_1% 0402_100R_1%	Yageo	Yageo Yageo	RC0603FR-071M7L RC0402FR-07100RL	2 KG
1K5		Resistor	R19	R0603	Resistor	YAGEO	Yageo	RT0603FRE071KSL	Di 1 kg
100K		100K, 1%, 100mW, 0603	R20, R23, R44	R0603	0603_100K_1%	Yageo	Yageo	RC0603FR-07100KL	Di 3 ks
25K			R22	R0603	0603_25K_0.1%	Vishay Thin Film	,	PNM0603E2502BST5	Di 1 ks
IOR		10R, 1%, 100mW, 0603	R25	R0603	0603_10R_1%	Yageo	Yageo	RC0603FR-0710RL	1 ks
00K		100K, 0.1%, 100mW, 0603	R28, R31, R42	R0603	0603_100K_0.1%	Panasonic Electronic Components	Panasonic ECG	ERA-3AEB104V	Di 3 ks
0K		10K, 1%, 100mW, 0603	R29, R32, R53, R56	R0603	0603_10K_1%	Yageo	Yageo	RC0603FR-0710KL	Di 4 ks
520R		Resistor	R30	R0603	Resistor		Panasonic ECG	ERA-3AEB621V	Di 1 ks
100K		200K, 0.1%, 100mW, 0603	R35, R36, R37, R38	R0603	0603_200K_0.1%	Panasonic Electronic Components	Panasonic ECG	ERA-3AEB204V	Di 4 ks
800k		Resistor	R40	R0603	Resistor	Susumu	Susumu	RG1608P-304-8-TS	1 ks
K	DNM	1K, 1%, 100mW, 0603	R43	R0603	0603_1K_1%	Yageo	Yageo	RC0603FR-071KL	1 ks
К		1K, 1%, 100mW, 0603	R45, R46, R47, R48, R49	R0603	0603_1K_1%	Yageo	Yageo	RC0603FR-071KL	5 ks
7K		47K, 1%, 100mW, 0603	R50	R0603	0603_47K_1%	Yageo	Yageo	RC0603FR-0747KL	1 86
70R		470R, 1%, 100mW, 0603	R55	R0603	0603_470R_1%	Yageo	Yageo	RC0603FR-07470RL	1 ks
М		1M, 1%, 100mW - 0603	R57	R0603	0603_1M_1%	Yageo	Yageo	RC0603FR-071ML	1 ks
00K	DNM	100K, 1%, 100mW, 0603	R59	R0603	0603_100K_1%	Yageo	Yageo	RC0603FR-07100KL	1 ks
K		1K, 5%, 63mW, 1206 (Resistor Array 4x Convex)	RN1, RN2, RN3, RN4, RN5, RN6, RN7	RA1206	1206_1K_5%_Resistor_Arr ay_4	Yageo	Yageo	YC164-JR-071KL	7 ks
	DNM	OR, Jumper, 63mW, 1206 (DNO DNO	RA1206	1206_0R_Jumper_Resistor	Mana	Vanno	VC164-JR-070RL	Di
	DNM SPV1050	Resistor Array 4x Convex) EnergyHarvester SPV1050	RNB, RN9	RA1206 EnergyHarvester_SPV1050	_Array_4 EnergyHarvester2_SPV105	Yageo	Yageo STMicroelectronics	9C164-JR-070RL SPV1050TIR	2 Ks
	XC9265A	XC9265A ULP Buck Converter	U2	SOT23-5_L	DCDC_Buck_XC9265A		Torex	XXY105011K XXY265A221MR-G	1 Ks
		RF Switch, Wideband 2.5					_	1000 00	
	ADG904BRUZ-R	GHz, CMOS 1.65 V to 2.75 V, 4:1 Mux/SP4T, RU-20, Pb-Free, 75 Tube	U3	ADI-RU-20_L	ADI-ADG904-RU-20		Analog Devices	ADG904BRUZ-R	Di 1 ks
		Watchdog and Manual Reset, 1 to 5.5 V, 24 uA, - 40 to 125 degC, 5-Pin SC70, RoHS, Tape and	U4, US		MAX9914	AndrePerfeeden		-	Di
	MAX9914 LMC7215IM5	Reel Micro-Power, Rail-to-Rail CMOS Comparators with Open-Drain/Push-Pull Outputs, 5-pin SOT-23	114	MAX9914 DBV0005A_L	AN-COMP-LMC7211-5	AnalogDevicesInc. Texas Instruments	Maxim TI National Semiconductor	MAX9914EXX+T LMC7215IMS/NOP8	2 ks
	ATF-38143TR1G	Low Noise 22 dBm OIP3	U7	RFMD-SOT343-4 M	RFMD-SPF5043Z-SOT343-		Broadcom Avago	AIF-38143-IRIG	Di 1 ks
	DINICEIBLE	16 MHz Mixed Signal Microcontroller with 2 KB					pervisución Arago	ры - эмгно-18 Па	186
	MSP430FR5969IRGZT	SRAM and 40 GPIOs, -40 to 85 degC, 48-Pin OFN (RGZ), Green (RoHS & no Sh/Br), Type and Reel	U8	RGZ0048B_V	TI-MSP430FR586XX- RGZ48	Texas Instruments	Texas Instruments	MSP430FR5969IRGZT	Di 1 lks
		Accelerometer X, Y, Z Asis ±2g, 4g, 8g, 16g 0.5Hz - 2.69kHz 12-LGA (2x2) Logic-level Load Switch 1A 1.5V-5.5V SOT_363							Di
IS2DE12	C1000404===	z.69kHz 12-LGA (2x2) Logic-level Load Switch	UV	LGA12	LIS2DE12	STMicroelectronics	STMicroelectronics	LIS2DE12TR	1 Ka Di 1 Ka
P32431DR3	SIP32431 DR3	Temperature Sensor with	U10	SOT363_L	SIP32431_SOT363		Vishay Siliconix	SIP32431DR3-TI GE3	1 K
	ENS210	PC Interface	U11	ENS210 SOT23_3	ENS210 BD49K27G	Rohm Semiconductor	ams Rohm	ENS210-LQFM BD49K23G-TL	1 ks Di 1 ks
D49K23G	BD49K23G	Voltage Detector IC, 23V							
1D49K23G	BD49K23G	Voltage Detector IC, 2:3V XTAL 32:768KHz; ±20ppm, 4pF, 60 kOhm, Crystal (funing Fork)		ABS06-107	XTAL_ABS06_107_32.768K	Abracon LLC	Abracon	ABS06-107-32.768KHZ-T	Di 1 ks