

Comment	Description	Designator	Footprint	LibRef	Quantity
100µF	CAP ALUM 100UF 10V 20% SMD	C1, C2	C_ALU_C_SIZE	EEE-1AA101WR	2
10uF	CAP CER 10UF 16V 20% X5R 0805	C3, C12, C13, C19, C21, C22, C34	C0805	C2012X5R1C106M	7
0.1µF	CAP CER 0.1UF 50V 10% X7R 0805	C4, C5, C6, C8, C11, C14, C15, C16, C17, C20, C23, C24, C26, C28, C29, C30, C31, C32, C33	C0805	C2012X7R1H104K085AA	19
1µF	CAP CER 1UF 25V 10% X5R 0805	C7	C0805	C2012X5R1E105K125AA	1
0.000018µF	CAP CER 18PF 50V 5% NP0 0805	C9, C10, C25, C27	C0805	C0805C180J5GACTU	4
LG L29K-G2J1-24-Z	LED SMARTLED GREEN 570NM 0603	D1	LED_0603	LG L29K-G2J1-24-Z	1
LO L29K-H2K1-24-Z	LED SMARTLED ORANGE 606NM 0603	D2	LED_0603	LO L29K-H2K1-24-Z	1
Orange	LED SMARTLED ORANGE 606NM 0603	D3, D4	LED_0603	LO L29K-H2K1-24-Z	2
BAT54HT1G	DIODE SCHOTTKY 30V 0.2A SOD323	D5, D6	SOD323	BAT54HT1G	2
MPZ2012S601AT000	FERRITE CHIP BEAD 600 OHM SMD	FB1, FB2, FB3	C0805	MPZ2012S601AT000	3
M20-7820842	08-WAY SIL VERT SOCKET L/FREE	J1, J3	Hdr_Female_1x8_2.54mm	M20-7820842	2
M20-7820646	06-WAY SIL VERT SOCKET L/FREE	J2	Hdr_Female_1x6_2.54mm	M20-7820646	1
M20-7821046	10-WAY SIL VERT SOCKET L/FREE	J4	Hdr_Female_1x10_2.54mm	M20-7821046	1
67997-106HLF	CONN HEADER 6POS .100 STR 30AU	J5, J6	HDR_2x3_2.54MM	67997-106HLF	2
10118193-0001LF	CONN USB MICRO B RECP T SMT R/A	J7	10118193	10118193-0001LF	1
68000-103HLF	BERGSTIK II .100" SR STRAIGHT	JP1	Hdr_1x3_2.54mm	68000-103HLF	1
68602-204HLF	CONN HEADER 4POS .100 STR 15AU	JP2	HDR_2x2_2.54MM	68602-204HLF	1
68001-204HLF	CONN HEADER 4POS .100 STR 15AU	JP3	HDR_1x4_2.54MM	68001-204HLF	1
HDR 1x3	BERGSTIK II .100" SR STRAIGHT	JP4	Hdr_1x3_2.54mm	68000-103HLF	1
2u2 / 2A	FIXED IND 2.2UH 2A 80 MOHM SMD	L1	C1210_IND	L1210R2R2MDWIT	1
LINK	CONN JUMPER SHORTING .100" GOLD	LINK1, LINK2, LINK3		QPC02SXGN-RC	3
100kΩ	RES SMD 100K OHM 1% 1/8W 0805	R1	R0805	RC0805FR-07100KL	1
560Ω	RES SMD 560 OHM 1% 1/8W 0805	R2, R3, R15, R17, R22	R0805	RC0805FR-07560RL	5
10kΩ	RES SMD 10K OHM 1% 1/8W 0805	R4, R14, R18, R19, R20, R21	R0805	RC0805FR-0710KL	6
22Ω	RES SMD 22 OHM 1% 1/8W 0805	R5, R6, R7, R13, R23, R24, R25	R0805	RC0805FR-0722RL	7
0Ω	RES 0.0 OHM 1/8W 0805 SMD	R8, R26, R27, R28	R0805	RC0805JR-070RL	4
1MΩ	RES SMD 1M OHM 1% 1/8W 0805	R9, R16	R0805	RC0805FR-071ML	2
1kΩ	RES SMD 1K OHM 1% 1/8W 0805	R10, R11, R12	R0805	RC0805FR-071KL	3
4828-3004-CP	CONN IC DIP SOCKET 28POS TIN	SCKT FOR U1	28_DIP_7.62mm_SOCKET	4828-3004-CP	1
1825910-6	SWITCH TACTILE SPST-NO 0.05A 24V	SW1, SW2	1825910-6	1825910-6	2
ATMEGA328P-PU	IC MCU 8BIT 32KB FLASH 28DIP	U1	28_DIP_7.62mm	ATMEGA328P-PU	1
ATMEGA16U2-AU	IC MCU 8BIT 16KB FLASH 32QFP	U2	TQFP32	ATMEGA16U2-AU	1
TL1963A-33DCQR	IC REG LDO 3.3V 1.5A SOT223-6	U3	DCQ (R-PDSO-G6)	TL1963A-33DCQR	1
SN74AHC1G09DBVR	IC GATE AND SGL 2INP SOT23-5	U4, U5, U6, U7	DBV_SOT_23_5	SN74AHC1G09DBVR	4
ABM7-16.000MHZ-D2Y-T	CRYSTAL 16MHZ 18PF SMD	Y1, Y2	ABM7_v1_1_BIG	ABM7-16.000MHZ-D2Y-T	2
CG0603MLC-05E	VARISTOR 0603	Z1, Z2	R0603	CG0603MLC-05E	2