

Customer Reference	Quantity	Manufacturer Part Number	Manufacturer	Digi-Key Part Number	Description	
C1-C5, C7, C12-C18, C	17	C315C104M5U5TA	KEMET	399-4151-ND	CAP CER 0.1UF 50V Z5U RADIAL	
C6	1	50YXJ10M5X11	Rubycon	1189-2322-ND	CAP ALUM 10UF 20% 50V RADIAL	
C8	1	C315C103M5U5TA	KEMET	399-4150-ND	CAP CER 10000PF 50V Z5U RADIAL	
C9, C10	2	C315C470J5G5TA	KEMET	399-9737-ND	CAP CER 47PF 50V NP0 RADIAL	
C11	1	35PX1000MEFC10X20	Rubycon	1189-1745-ND	CAP ALUM 1000UF 20% 35V RADIAL	
C19	1	C320C105K5N5TA91707301	KEMET	399-14394-1-ND	CAP CER 1UF 50V X8L RADIAL	
D1, D3	2	WP7113GD	Kingbright	754-1263-ND	LED GREEN DIFFUSED T-1 3/4 T/H	
D2, D4	2	WP7113ID	Kingbright	754-1264-ND	LED RED DIFFUSED T-1 3/4 T/H	
FB1	1	BL01RN1A1D2B	Murata Electronics	490-10997-ND	FERRITE BEAD AXIAL 1LN	
J1	1	61300611021-	Würth Elektronik	732-5339-ND	CONN HEADER R/A 6POS 2.54MM	
J2	1	1734510-1	TE Connectivity AMP Connectors	A107788-ND	CONN RCPT USB2.0 MINI B 5POS R/A	
J3	1	PJ-102AH	CUI Devices	CP-102AH-ND	CONN PWR JACK 2X5.5MM SOLDER	
J4	1	MD-60SM	CUI Devices	CP-2260-ND	CONN RCPT FEMALE MINI DIN 6P SLDR	
J5	1	SJ1-3523N	CUI Devices	CP1-3523N-ND	CONN JACK STEREO 3.5MM R/A	
J6	1	67997-206HLF	Amphenol ICC (FCI)	609-3234-ND	CONN HEADER VERT 6POS 2.54MM	
J7	1	PPPC162LFBN-RC	Sullins Connector Solutions	S7119-ND	CONN HDR 32POS 0.1 GOLD PCB	
J8-J13	6	PPPC121LFBN-RC	Sullins Connector Solutions	S7045-ND	CONN HDR 12POS 0.1 GOLD PCB	
J14-J15	2	PPPC161LFBN-RC	Sullins Connector Solutions	S7049-ND	CONN HDR 16POS 0.1 GOLD PCB	
J16-18 22-25 27-28 30-	10	67997-112HLF	Amphenol ICC (FCI)	609-3227-ND	CONN HEADER VERT 12POS 2.54MM	
J26, J29, J32, J79, J80,	1	68001-212HLF	Amphenol ICC (FCI)	609-3280-ND	CONN HEADER VERT 12POS 2.54MM	
J53-59	1	TSW-107-07-L-T	Samtec Inc.	TSW-107-07-L-T-ND	CONN HEADER VERT 21POS 2.54MM	
R1	1	CF14JT1M00	Stackpole Electronics Inc	CF14JT1M00CT-ND	RES 1M OHM 1/4W 5% AXIAL	
R2	1	RC14JT47K0	Stackpole Electronics Inc	RC14JT47K0CT-ND	RES 47K OHM 1/4W 5% AXIAL	
R3	1	CF14JT10K0	Stackpole Electronics Inc	CF14JT10K0CT-ND	RES 10K OHM 1/4W 5% AXIAL	
R4-5	2	CF14JT27R0	Stackpole Electronics Inc	CF14JT27R0CT-ND	RES 27 OHM 1/4W 5% AXIAL	
R6, R7, R8, R14, R15, R	6	CF14JT3K30	Stackpole Electronics Inc	CF14JT3K30CT-ND	RES 3.3K OHM 1/4W 5% AXIAL	
R9, R10, R11, R12,	4	CF14JT270R	Stackpole Electronics Inc	CF14JT270RCT-ND	RES 270 OHM 1/4W 5% AXIAL	
R16	1	CF14JT1K00	Stackpole Electronics Inc	CF14JT1K00CT-ND	RES 1K OHM 1/4W 5% AXIAL	
RV1	1	PT6MV-103A2020	Amphenol Piher Sensing Systems	1993-1052-ND	POT 10K OHM LINEAR	
SW1	1	1825910-6	TE Connectivity ALCOSWITCH	450-1650-ND	SWITCH TACTILE SPST-NO 0.05A 24V	
U1	1	SN74HC21N	Texas Instruments	296-8266-5-ND	IC GATE AND 2CH 4-INP 14DIP	
U2	1	SN74HC00N	Texas Instruments	296-1563-5-ND	IC GATE NAND 4CH 2-INP 14DIP	
U3	1	SN74HC02N	Texas Instruments	296-1564-5-ND	IC GATE NOR 4CH 2-INP 14DIP	
U4	1	NE555P	Texas Instruments	296-NE555P-ND	IC OSC SINGLE TIMER 100KHZ 8-DIP	
U6	1	FT230XS-R	FTDI	768-1135-1-ND	IC USB SERIAL BASIC UART 16SSOP	
U8	1	AT28C256-15PU	Microchip Technology	AT28C256-15PU-ND	IC EEPROM 256K PARALLEL 28DIP	
U9	1	CY62256NLL-70PXC	Alliance Memory, Inc.	1450-1480-ND	256M SRAM, 28 DIP	
U10	1	ATTINY4313-PU	Microchip Technology	ATTINY4313-PU-ND	IC MCU 8BIT 4KB FLASH 20DIP	
X1	1	ECS-100AX-010	ECS Inc.	X937-ND	XTAL OSC XO 1.0000MHZ TTL TH	
X2	1	ECS-100AX-018	ECS Inc.	X939-ND	XTAL OSC XO 1.8432MHZ TTL TH	
X3	1	ECS-100AX-040	ECS Inc.	X942-ND	XTAL OSC XO 4.0000MHZ TTL TH	

U1-3	3	110-44-314-41-001000	Mill-Max Manufacturing Corp.	ED90049-ND	CONN IC DIP SOCKET 14POS TIN	
U4	1	110-44-308-41-001000	Mill-Max Manufacturing Corp.	ED90048-ND	CONN IC DIP SOCKET 8POS TIN	
U5,U8-9	3	110-44-628-41-001000	Mill-Max Manufacturing Corp.	ED90057-ND	CONN IC DIP SOCKET 28POS TIN	
U7, U11-13	4	110-44-640-41-001000	Mill-Max Manufacturing Corp.	ED90059-ND	CONN IC DIP SOCKET 40POS TIN	
U10	1	110-44-320-41-001000	Mill-Max Manufacturing Corp.	ED90052-ND	CONN IC DIP SOCKET 20POS TIN	
U14	1	110-44-316-41-001000	Mill-Max Manufacturing Corp.	ED90050-ND	CONN IC DIP SOCKET 16POS TIN	
X1-3	3	1107741-	Aries Electronics	A462-ND	OSCILLATOR SOCKET FULL SIZE 4PIN	
Jumpers	50	SPC02SYAN	Sullins Connector Solutions	S9001-ND	CONN JUMPER SHORTING GOLD FLASH	