

Where Used	Description	Ref	Supplier	Part No.
cpNode	BBLeo	BBLeo	Modern Devices	BBLEO
cpNode	cpNode PCB v1.0 2.70" x 3.25"	PCB1	MRCS	CPNODE
iox16	cpNode IOX16 PCB v1.0	PCB1	MRCS	IOX16
iox32	cpNode IOX32 PCB v1.0	PCB1	MRCS	IOX32
odx4	cNode ODX4 PCB v1.0	PCB1	MRCS	ODX4
rsmc	cpNode RSMC PCB d0.2	PCB1	MRCS	RSMC
tester	cpNode TESTER PCB v1.0	PCB1	MRCS	TESTER
ebf31a	EBF31A PCB v1.0	PCB1	MRCS	EBF31A
csnk	cpNode CSNK	PCB1	MRCS	CSNK
	cpNode IOXBBM	PCB1	MRCS	IOXBBM
	cpNode IOXBBIDC	PCB1	MRCS	IOXBBIDC
tob	TOB-DS PCB v1.1 (Dispatch)	PCB1	MRCS	TOBDS
tob	TOB-STA PCB v1.1 (Station)	PCB1	MRCS	TOBSTA
cpNode,tob	Resistor 1000	R2	Jameco	690865
cpNode	Resistor 100 Ohm	R3,R4	Jameco	690620
cpNode	Resistor 470	R5	Jameco	690785
ebf31a	Resistor 22	R3	Jameco	690460
ebf31a	Resistor 680	R15	Jameco	690822
ebf31a	Resistor 100K	R9,10,11,12	Jameco	691340
ebf31a	Resistor 10K	R1,4,5,6,13	Jameco	691104
ebf31a	Resistor 33	R14	Jameco	690507
ebf31a	Resistor 2200	R2,7,8	Jameco	690945
iox16,iox32	Resistor Pack 2.2K 6 Pin	RP1,RP2	Jameco	267944
cpNode	Resistor AutoRTS 12k	R1 9600/19200	Jameco	691121
cpNode	Capacitor AutoRTS .1uF Disc Ceramic	C1 9600/19200	Jameco	151116
all	Capacitor .01uF 50v	C2,C3,C4,C5,C6	Jameco	25507
ebf31a	Capacitor .01uF 50V	C1,3,4,5,7	Jameco	25507
cpNode	Capacitor Electrolytic 10uF 25v	C7	Jameco	94212
ebf31a	Capacitor Electrolytic 100uF 50V	C1	Jameco	29962
ebf31a	Capacitor Electrolytic 2.2uF 35V	C8	Jameco	93729
cpNode	MAX489CPD	U1	Digikey	MAX489CPD
cpNode	MAX3080CPD	U1	Digikey	MAX3080CPD
cpNode	NE555	U2	Digikey	296-1411-5-ND
cpNode,rsmc	TC4428A MOSFET	U3	Digikey	TC4428AEPD-ND
iox16,iox32	MCP23017	U1	Digikey	MCP23017-E/SP-ND
csnk,ebf31a	ULN2803	IC1	Digikey	ULN2803APGCN-ND
rsmc	2N3904/2N2222	Q1 RSMC	Jameco	38360
ebf31a	LM324N	IC1	Jameco	23683
ebf31a	2N4401	Q3,4,5	Jameco	783498
ebf31a	TIP32A	Q8	Jameco	1192850
ebf31a	TIP31C	Q1	Jameco	1959328
cpNode	Diode 1N914	D1	Jameco	36311
ebf31a	Diode 1N4148	D1, D2	Jameco	36038
ebf31a	Diode IN4002	D3	Jameco	76961
cpNode	Diode Shottky 1N5819	D2,D4	Jameco	177965
cpNode	Green LED 3mm	TXLED	Jameco	333201
ebf31a	Red LED 3mm	Off Hook	Jameco	2186603
tester	Green LED 5mm	TESTER LED	Jameco	697531
tob	Green LED 5mm	TOB LED	Led-Switch	L05GD
tob	Red LED 5mm	TOB LED	Led-Switch	L05RD
tester	Tactile Switch SPST	BTN	Jameco	149948
tob	SPDT Toggle Switch	TOB DS SW	Jameco	22833
ebf31a	RJ-11 Phone	J1	Sparkfun	PRT-00132
tob	RJ-45 Jack	TOB J1	Jameco	524488
ebf31a	3.5 mm Audio Jack	JP3	Jameco	2168149
ebf31a	2.5 MM Power Jack	X1	Jameco	101187
ebf31a	OMRON style PCB Relay	K1	Futurlec	HFD2-24
cpNode	Male Hdr 1x2 2.54 mm	GND,LEDCOM	Jameco	160882
tester	Male Hdr 1x3 2.54 mm	BTN/LED Select	Jameco	160882

cpNode	Male Hdr 1x5 2.54 mm Molex KK	RS485IN/OUT	Jameco	232291
cpNode	Female Hdr 1x5 2.54 mm Molex KK	RS485IN/OUT	Jameco	234827
cpNode	Male Hdr 1x4 Right Angle 2.54 mm	I2C	Jameco	103271
cpNode	Male Hdr 1x16 2.54 mm	IO1,IO2,IO3,IO4	Jameco	160882
iox16	Male Hdr 3x2 2.54 mm	A0,A1,A2	Jameco	160882
cpNode	Female Hdr 1x6 2.54 mm	NH2	Pololu	#1016
cpNode	Female Hdr 1x16 2.54 mm	NH1	Pololu	#1031
cpNode	Female Hdr 2x4 2.54 mm	POWERBUS	Pololu	#1024
tester	Male Header 5 Pin .156"	OD1,OD2,OD3,OD4	Digikey	WM4623-ND
rsmc	Male Header Molex 8 Pin .156"	RSMC	Digikey	WM4623-ND
rsmc	Female Header Molex 8 Pin .156"	RSMC	Mouser	538-09-48-1084
cpNode	DIP Socket 8 pin	NE555,TC4482	Jameco	112206
cpNode	DIP Socket 14 pin	MAX489	Jameco	112214
csnk	DIP Socket 18 pin	ULN2803	Jameco	112231
iox16,iox32	DIP Socket 28 pin	MCP23017	Jameco	526248
cpnode,iox,rsmc	2 pos Screw Terminal 2.54 mm	GND,COM, (kit)	Electronics Salon	GS019-2.54
rsmc	4 pos Screw Terminal 2.54 mm	STALLMOTOR	Electronics Salon	GS019-2.54
odx4	6 pos Screw Terminal 2.54 mm	JP2,3	Electronics Salon	GS019-2.54
cpNode	8 pos Screw Terminal 2.54 mm	IO1,IO2	Electronics Salon	GS019-2.54
cpNode	2 pos Screw Terminal 3.5 mm	485OUT (kit)	Jameco	2094506
cpNode	3 pos Screw Terminal 3.5 mm	485IN (kit)	Jameco	2094514
rsmc	3 pos Screw Terminal 3.5 mm	FROG	Jameco	2094514
odx4	2 pos Screw Terminal 5 mm	DCCIN,DCCOUT	Jameco	2094485
cpNode	DIP 32 machine tool socket	Option pads	HSC	In store
all	DIN RAIL 2.75" 2TK2-12	Mounting	Digikey	A111893-ND
ebf31a	24v 1.25A Power Supply	EBF	Jameco	2172789