





Comment	Description	Designator	Footprint	LibRef	Quantity
104-16v		C1, C3, C4, C5, C7	C0402	CAP	5
106-6v3X		C2	C0402	CAP	1
225-6v3X		C6, C8	C0402	CAP	2
0.01u		C12, C13	R0402	C	2
226-6v3X		C14P	C0805	ELECTRO	1
106-6v3X		C16P, C18P	C0603	ELECTRO	2
104	Capacitor	C17P	C0402	CAP	1
22p-50vN	Capacitor	C19P	C0402	CAP	1
Red		D3	led0603	LED	1
ESD9B5V		ED1, ED2, ED3, ED4, ED5, ED6	E0402N	ESD9B5V	6
USB-1B		J1	USB_BF_180	USB-1B	1
USB1/USB2.0		J2	USB_AF_180	USB1/USB2.0	1
HEADER		J3, J4, J5	SIP4-2.54	4PIN	3
Header 16	Header, 16-Pin	JP4	DJ16J	Header 16	1
RSwitch		KEY2	RSwitch	RSwitch	1
3.3u-2.4A		L1	L5040	L_Dup1	1
8050		N1, N2, N3, N4, N5, N6, N7, N8, N9, N10, N11, N12, N13, N14, N15	sot-23	NPN	15
10K		R1, R2, R3, R5, R6, R7, R9, R26, R27	R0402	RES, RES, RES, R, R, R, R, RES, RES	9
510R	RES 37.4 OHM 1/16W 1% 0402 SMD	R1D, R1E, R1W, R2D, R2E, R2W, R3D, R3E, R3W, R4D, R4E, R4W, R5D, R5E, R5W, R6D, R6E, R6W, R7D, R7E, R7W, R8D, R8E, R8W, R9D, R9E, R9W, R10D, R10E, R10W, R11D, R11E, R11W, R12D, R12E, R12W, R13D, R13E, R13W, R14D, R14E, R14W, R15D, R15E, R15W, R16W, R17	R0402	R	47
0R		R4, R31, R32, R33	R0402	RES	4
309K	RES 37.4 OHM 1/16W 1% 0402 SMD	R16	R0402	R	1
68K	RES 37.4 OHM 1/16W 1% 0402 SMD	R18	R0402	R	1
NC 0R		R21, R30	R0402	RES	2
4.7K		R25	R0402	RES	1
5.1R		R28, R29	R0402	RES	2
10K		RP1, RP2, RP3, RP4, RP5, RP6, RP7, RP8	40402	DIP8	8
PB26		SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15	PB26	PB26	15
tca9555_24_tssop		U1, U2	TSSOP24_TCA9555	tca9555_24_tssop	2
MT3420		U3	SOT26	DIP6	1
CP2102		U4	QFN28_CP2102	CP2102	1