



104-16/P	Comment	Description	Designator	Footprint	LibRef	Quantity
Color	104-16v		C1, C3, C4, C5, C7	C0402	CAP	5
C12, C13	106-6v3X		C2	C0402	CAP	1
226.6v3X	225-6v3X		C6, C8	C0402	CAP	2
106-6v3X	0.01u		C12, C13	R0402	С	2
106-6v3X	226-6v3X		C14P	C0805	ELECTRO	1
22p-50wN Capacitor C19P C0402 CAP	106-6v3X		C16P, C18P		ELECTRO	2
Red	104	Capacitor	C17P	C0402	CAP	1
ESD985V ED1, ED2, ED3, ED4, ED4, ED5, ED6 USB-1B USB1/USB2.0 J2 USB_F180 USB-1B USB1/USB2.0 J2 USB_F180 USB-1B USB1/USB2.0 J2 USB_F180 USB-1B USB1/USB2.0 J2 USB_F180 USB1/USB2.0 J2	22p-50vN	Capacitor	C19P	C0402	CAP	1
EDS-BOY EDS. EDG EUULUN EDS-BOY EDS-	Red		D3	led0603	LED	1
USB1/USB2.0 J2	ESD9B5V			E0402N	ESD9B5V	6
HEADER J3, J4, J5 SIP4-2.54 4PIN Header 16 Header, 16-Pin JP4 D116J Header 16 RSwitch KEY2 RSwitch RSwitch 3.3u-2.4A I1 L5040 L_Dup1 8050 N7, N8, N9, N10, N11, N12, N13, N14, N15 N7, N8, N9, N10, N11, N12, N13, N14, N15 N7, N8, N9, N10, N11, N12, N13, N14, N15 N8, R12, R12, R13, R14, R15 R0402 RES, RES, RES, RES, RES, RES, RES, RES,	USB-1B		J1	USB_BF_180	USB-1B	1
Header 16	USB1/USB2.0		J2	USB_AF_180	USB1/USB2.0	1
RSwitch	HEADER		J3, J4, J5	SIP4-2.54	4PIN	3
133u-24A	Header 16	Header, 16-Pin	JP4	DJ16J	Header 16	1
NI,	RSwitch		KEY2	RSwitch	RSwitch	1
N7, N8, N9, N10, N11, N12, N13, N14, N15	3.3u-2.4A		L1	L5040	L_Dup1	1
10K R1, R2, R3, R5, R6, R7, R9, R26, R27 R1D, R1E, R1W, R2D, R2E, R2W, R3D, R3E, R3W, R4D, R4E, R4W, R5D, R5E, 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 OR R4, R31, R32, R33 R0402 RES 309K R65 37.4 OHM 1/16W R4, R31, R32, R33 R0402 RES 309K R65 37.4 OHM 1/16W R16 R0402 SMD 68K R65 37.4 OHM 1/16W R16 R0402 R NC OR R7, R7, R8, R85 R85, R, R, R, R, R, R, R, R R9. R85, R85, R85, R85, R85, R85, R85, R85,	8050		N7, N8, N9, N10, N11,	sot-23	NPN	15
R1D, R1E, R1W, R2D, R2E, R3W, R3D, R3E, R3W, R4D, R4E, R4W, R5D, R5E, R5W, R6D, R6E, R6W, R7D, R7E, R7W, R8D, R8E, R8W, R8D, R8E, R8W, R8D, R9L, R1D, R11E, R11W, R12D, R12E, R12W, R13D, R13E, R13W, R14D, R15E, R15W, R16W, R17 OR R4, R31, R32, R33 R0402 RES 309K RES 37.4 OHM 1/16W R18 R0402 R 68K RES 37.4 OHM 1/16W R18 R0402 R NC OR R15 R15W, R16W, R17 OR R21, R30 R0402 R NC OR R21, R30 R0402 RES 10K R28, R29 R0402 RES 10K R28,	10K		R1, R2, R3, R5, R6, R7,	R0402		9
RES 37.4 OHM 1/16W	510R		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			47
1% 0402 SMD	OR		R4, R31, R32, R33	R0402	RES	4
68K 1% 0402 SMD R18 R0402 R NC 0R R21, R30 R0402 RES 4.7K R25 R0402 RES 5.1R R28, R29 R0402 RES 10K RP1, RP2, RP3, RP4, RP5, RP6, RP7, RP8 40402 DIP8 SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15 PB26 PB26 tca9555_24_tssop U1, U2 TSSOP24_TCA9555 tca9555_24_tssop MT3420 U3 SOT26 DIP6	309К	1% 0402 SMD	R16	R0402	R	1
4.7K R25 R0402 RES 5.1R R28, R29 R0402 RES 10K RP1, RP2, RP3, RP4, RP5, RP6, RP7, RP8 40402 DIP8 SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15 PB26 PB26 tca9555_24_tssop U1, U2 TSSOP24_TCA9555 tca9555_24_tssop MT3420 U3 SOT26 DIP6						1
4.7K R25 R0402 RES 5.1R R28, R29 R0402 RES 10K RP1, RP2, RP3, RP4, RP5, RP6, RP7, RP8 40402 DIP8 SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15 PB26 PB26 tca9555_24_tssop U1, U2 TSSOP24_TCA9555 tca9555_24_tssop MT3420 U3 SOT26 DIP6	NC 0R		R21, R30	R0402	RES	2
10K RP1, RP2, RP3, RP4, RP5, RP6, RP7, RP8 40402 DIP8 SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15 PB26 PB26 tca9555_24_tssop U1, U2 TSSOP24_TCA9555 tca9555_24_tssop MT3420 U3 SOT26 DIP6			R25		RES	1
RP5, RP6, RP7, RP8 SW1, SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15 tca9555_24_tssop U1, U2 TSSOP24_TCA9555 tca9555_24_tssop DIP6	5.1R			R0402	RES	2
SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14, SW15 TSSOP24_TCA9555 tca9555_24_tssop U1, U2 TSSOP24_TCA9555 tca9555_24_tssop U3 SOT26 DIP6	10K			40402	DIP8	8
MT3420 U3 SOT26 DIP6	PB26		SW5, SW6, SW7, SW8, SW9, SW10, SW11, SW12, SW13, SW14,	PB26	PB26	15
MT3420 U3 SOT26 DIP6	tca9555_24_tssop			TSSOP24_TCA9555	tca9555_24_tssop	2
	MT3420		U3	SOT26	DIP6	1
CP2102	CP2102		U4	QFN28_CP2102	CP2102	1