



Comment	Description	Designator	Footprint	LibRef	Quantity
74HC138	Decoder/Demultiplexer 1 x 3:8 16-TSSOP		DIL16	74HC138	1
62256				Component_1	1
87C52		1		Component_1	1
AC20		2, 3		Component_1	2
AC08		4, 9, 10		Component_1	3
HC00		5, 6, 7, 8		Component_1	4
Cap2	Capacitor	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21	CAPR5-4X5	Cap2	21
TX LED	Typical INFRARED GaAs LED	D1	LED-0	LED0	1
PWR LED	Typical INFRARED GaAs LED	D2	LED-0	LED0	1
RX LED	Typical INFRARED GaAs LED	D3	LED-0	LED0	1
1N5819	Default Diode	D4	SMC	Diode	1
LED	Typical RED GaAs LED	D5, D6, D7, D8, D9, D10, D11, D12	LED-1	LED1	8
74HC373	IC OCTAL D TRANSP LATCH	IC	SO20W	74HC373	1
82C55A	I/O Expander 24 Parallel 44-PLCC _16.58x16.58_	IC1, IC2	DIL40	82C55A	2
Main	Receptacle Assembly, 9 Position, Right Angle	J1	DSUB1.385-2H9	D Connector 9	1
AUX	Receptacle Assembly, 9 Position, Right Angle	J2	DSUB1.385-2H9	D Connector 9	1
Flash Erase	Header, 4-Pin	P1	HDR1X4	Header 4	1
LCD	Header, 7-Pin, Dual row	P2	HDR2X7_CEN	Header 7X2A	1
BUS	Header, 17-Pin, Dual row	P3	HDR2X17_CEN	Header 17X2A	1
Res1	Resistor	R1, R2, R3, R4, R5, R6, R7, R8, R9, R11, R12, R13, R14, R15, R16, R17, R18	AXIAL-0.3	Res1	17
RPot	Potentiometer	R10	VR5	RPot	1
RESET	Switch	S1	SPST-2	SW-PB	1
MAX232	2/2 Transceiver Full RS232 16-SOIC	U	SOIC127P1032X265-16N	MAX232CWE-TG002	1
7805	Voltage Regulator	VR1	D2PAK_N	Volt Reg	1
22.1184MHz	Crystal Oscillator	Y1	R38	XTAL	1