

Note: Part numbers, manufacturers, and vendors are typical of what is supplied. Substitutions may be made based on availability at time of ordering.

1854 SERIAL INTERFACE

<u>Qty</u>	<u>Description</u>		<u>Manufacturer</u>	<u>Manufacturer #</u>	<u>Vendor</u>	<u>Vendor #</u>
<u>Integrated Circuits</u>						
1	CDP1854	U2	Harris	CDP1854ACE	Obsolete	CDP1854ACE
1	CD4001	U1	TI	CD4001BE	Digikey	296-2028-ND
1	CD4013	U6	TI	CD4013BE	Digikey	296-2033-5-ND
1	CD4019	U9	TI	CD4019BE	Digikey	296-2038-5-ND
1	CD4023	U5	TI	CD4023BE	Digikey	296-2041-ND
1	CD4024	U8	TI	CD4024BE	Digikey	296-2042-ND
1	CD4049	U3	TI	CD4049UBE	Digikey	296-2055-5-ND
1	CD4051	U10	TI	CD4051BE	Digikey	296-2057-5-ND
1	CD4071	U4	TI	CD4071BE	Digikey	296-2062-ND
1	CD40174 (or 74C174 or 74HC174)	U7	TI	SN74HC174N	Digikey	296-1579-5-ND
1	MAX232	U11	TI	MAX232N	Digikey	296-1402-5-ND
1	Oscillator half-size 1.8432Mhz	X1	ECS	ECS-2100A-018	Digikey	XC231-ND
<u>Discrete Components</u>						
2	Resistor 1/4 watt 47K	R1-2	Stackpole	CF14JT47K0	Digikey	CF14JT47K0CT-ND
2	Diode 1N4148	D1-2	ON Semi	1N4148	Digikey	1N4148FS-ND
4	Ceramic capacitor 0.1uF radial 0.2"	C1,2,5,6	Vishay	K104K10X7RF5UH5	Digikey	BC2665CT-ND
4	Ceramic capacitor 1.0uF radial 0.2"	C4,7,8,9	Vishay	K105K20X7RF5UH5	Digikey	BC2668CT-ND
<u>Interconnect and Mechanical</u>						
1	Socket 20 pin 0.1" long tail		Samtec	SSQ-120-03-T-S	Digikey	SAM1206-20-ND
1	Straight header 2 pins 0.1"		Sullins	PREC002SAAN-RC	Digikey	S1012EC-02-ND
11	Straight header 3 pins 0.1"		Sullins	PREC003SAAN-RC	Digikey	S1012EC-03-ND
1	Right-angle header 6 pins 0.1"		Sullins	PREC006SBAN-M71RC	Digikey	S1112EC-06-ND
12	Jumper shunts 0.1"		Sullins	STC02SYAN	Digikey	S9000-ND
1	Straight dual row header 21 position		Sullins	PREC021DAAN-RC	Digikey	S2012EC-21-ND
4	0.5 inch standoff spacer		RAF	4505-440-AL-7	Digikey	1772-2065-ND
1	DE-9 right-angle plug pc-mount		Assman	A-DS 09 A/KG-T2S	Digikey	AE10968-ND
1	DE-9 right-angle receptacle pc-mount		Assman	A-DF 09 A/KG-T2S	Digikey	AE10921-ND
<u>Integrated Circuit Sockets</u>						
1	DIP socket 40 pin 0.6"	U2	On Shore	ED40DT	Digikey	ED3048-5-ND
5	DIP socket 14 pin 0.3"	U1,4-6,8	On Shore	ED14DT	Digikey	ED3045-5-ND
5	DIP socket 16 pin 0.3"	U3,7,9-11	On Shore	ED16DT	Digikey	ED3046-5-ND
1	DIP socket 4 pin in 8 pin frame 0.3"	X1	On Shore	ED08DT	Digikey	ED3044-5-ND
<u>Circuit Board and Expansion</u>						
1	Circuit Board		Madole		JLPCPB	
1	Socket 39 pin 0.1" long tail		Samtec	SSQ-139-03-T-S	Digikey	SAM1206-39-ND