

SC-Serial Version 2 Bill of Material

Comment	Description	Designator	Quantity
100n	100nF 50V Monolithic Capacitor 5mm lead pitch	C1, C4,C5	3
22pF	22PF 50V Ceramic capacitor 5mm lead pitch	C2, C3	2
10uF	10uF 16V Electrolytic Capacitor 2mm lead pitch	C6	1
40 WAY IDC	40 Way 0.1" box header 2x20	CN1	1
USB-SERIAL	FTDI Basic Connector 6 way R/A 0.1" male pin header	CN3	1
MC6850 ACIA	MC6850P ACIA 24 Pin DIP (or equivalent)	IC1	1
74HCU04	Hex Inverter Unbuffered HCMOS	IC2	1
74HC138	3 to 8 line decoder HCMOS	IC3	1
JUMPER	2x8 way pin header 0.1"	J1	1
JUMPER	2 way 0.1 single row pin header	J2, J5,J6	3
JUMPER	3 way 0.1 single row pin header	J3, J4	2
2k7	2k7 Ohm 5% Carbon Film Resistor 1/4 W	R1, R2	2
1k	1k Ohm 5% Carbon Film Resistor 1/4 W	R3	1
1M	1M Ohm 5% Carbon Film Resistor 1/4 W	R4	1
7M3278Hz	HC49U Crystal	X1	1

Additional Parts

Ribbon Cable	Female IDC 40 way connector		2
	40 Way 0.05" ribbon cable		Approx. 8cm
	Shunts		6