

Please refer to these notes as applicable for the parts list below:

- \*A The header pins for configuration jumpers are cut down from longer strips.
- \*B The Samtec 39 pin connector, when ordering from Digikey, will always show zero stock because they are made-to-order. They will ship same or next day though.
- \*C These parts may be omitted if group port selection will not be used. See assembly notes.

## COMPACT FLASH INTERFACE

Qty	Description		Manufacturer	Manufacturer #	Vendor	Vendor #	Price	Qty	Total
<u>Integrated Circuits</u>									
1	CD4001	U3,5	TI	CD4001BE	Digikey	296-2028-ND	0.66	1.00	0.66
1	CD4002	U2	TI	CD4002BE	Digikey	296-2029-5-ND	0.58	1.00	0.58
2	CD4011	U5-6	TI	CD4011BE	Digikey	296-2031-ND	0.66	2.00	1.32
1	CD4013	U12	TI	CD4013BE	Digikey	296-2033-5-ND	0.66	1.00	0.66
2	CD4023	U7-8	TI	CD4023BE	Digikey	296-2041-ND	0.66	2.00	1.32
1	CD4049	U12	TI	CD4049UBE	Digikey	296-2055-5-ND	0.66	1.00	0.66
1	CD4071	U4	TI	CD4071BE	Digikey	296-2062-ND	0.66	1.00	0.66
2	CD40103	U9-10	TI	CD40103BE	Digikey	296-14080-5-ND	1.68	2.00	3.36
1	CD40174 (or 74C174 or 74HC174)	U13	TI	SN74HC174N	Digikey	296-1579-5-ND	0.56	1.00	0.56
1	CD40245 (or 74C245 or 74HC245)	U11	TI	SN74HC245N	Digikey	296-1584-5-ND	0.66	1.00	0.66
<u>Discrete Components</u>									
1	Resistor 1/4 watt 470	R1	Stackpole	CF14JT470R	Digikey	CF14JT470RCT-ND	0.10	1.00	0.10
1	LED T1-3/4	D5	Valuepro	UT1871-81-M1-R	Jameco	333973	0.12	1.00	0.12
4	Diode 1N4148	D1-4	ON Semi	1N4148	Digikey	1N4148FS-ND	0.10	4.00	0.40
4	Ceramic capacitor 0.1uF radial 0.2"	C1-4	Valuepro	SR215C104KAA	Jameco	544921	0.19	4.00	0.76
<u>Interconnects</u>									
1	Compact Flash Socket		Samtec	CFT-125-01-L-D-RA-01-SL	Digikey	SAM9213-ND	8.56	1.00	8.56
4	Straight header 3 pins 0.1" (*A)		Sullins	PREC025DAAN-RC	Digikey	S1012EC-40-ND	0.51	0.30	0.15
4	Jumper shunts 0.1"		Sullins	STC02SYAN	Digikey	S9000-ND	0.10	4.00	0.40
1	Socket 39 pin 0.1" long tail (*B)		Samtec	SSQ-139-03-T-S	Digikey	SAM1206-39-ND	4.52	1.00	4.52
1	Straight dual row header 21 position (*C)		Sullins	PREC025DAAN-RC	Digikey	S2012EC-25-ND	0.86	0.84	0.72
1	Socket 20 pin 0.1" long tail (*B) (*C)		Samtec	SSQ-120-03-T-S	Digikey	SAM1206-20-ND	2.50	1.00	2.50
<u>Sockets</u>									
8	DIP socket 14 pin 0.3"		On Shore	ED14DT	Digikey	ED3045-5-ND	0.19	8.00	1.52
4	DIP socket 16 pin 0.3"		On Shore	ED16DT	Digikey	ED3046-5-ND	0.19	4.00	0.76
1	DIP socket 20 pin 0.3"		On Shore	ED20DT	Digikey	ED3054-5-ND	0.26	1.00	0.26
<u>Mechanical</u>									
4	0.5 inch standoff spacer		RAF	4505-440-AL-7	Jameco	393474	0.49	4.00	1.96
1	Circuit Board		Madole		JLPCB		1.95	1.00	1.95
							Total		35.13