

# Floppy Disk Interface Board BOM

RefDes	Value	Description	Notes	Supplier Part No.	Quantity
C1	22uF	Electrolytic capacitor			1
C2,3,4,7	47nF	Ceramic capacitor			4
C5	180p	Ceramic capacitor			1
C6	100p	Ceramic capacitor			1
IC1	8271	Programmable floppy disk controller			1
IC2,12	74LS00	Quad 2-input NAND			2
IC3,5,6	7438	Quad 2-input NAND buffer			3
IC4	74LS138	3-line to 8-line decoders/demultiplexers			1
IC7,14	74LS93	4-bit binary counter			2
IC8	74LS393	Dual 4-bit binary counter			1
IC9	4020B	14-bit binary counter			1
IC10,11	4013B	Dual D-type flip-flop			2
IC13	74LS13	Dual 4-input NAND schmitt			1
IC15	TC7S08F	Single 2-input AND gate	only required for 3.5" drives		1
LK1	0.1" molex header	Use local 4MHz LO	fit for 6502 CPU Board		1
LK2	0.1" molex header	Use bus 4MHz	fit for 6502A CPU Board		1
LK3	0.1" molex header	Select drive type (3.5" or 5.25")			1
PL1	34-way box header	Floppy disk interface			1
PL2	DIN 41612 AB 64-way	Right angle plug			1
R1,2,3,4,8	150R	250mW resistor			5
R5,9,10	1K0	250mW resistor			3
R6,7	3K3	250mW resistor			2
RV1	1K	10mm Preset resistor			1
IC2,3,5,6,7,8,10,11,12,13	14 pin	DIL socket			10
IC4,9	16 pin	DIL socket			2
IC1	40 pin	DIL socket			1

## Offboard Parts

	5HP 3U	Front panel with handle and fittings		Verotec 957-235349	1
		Panel brackets	or print your own	Verotec 173-12525	pair
	M2.5 x 10mm	Pan head screws			4
	M2.5	Nuts			4