

Parts List - DC-2 Disk Controller

Resistors

_____	R1	4.7K Ω 1/4 watt resistor
_____	R2	1M Ω 1/4 watt resistor
_____	R3	750K Ω 1/4 watt resistor
_____	R4	150 Ω 1/4 watt resistor
_____	R5	150 Ω 1/4 watt resistor
_____	R6	150 Ω 1/4 watt resistor
_____	R7	150 Ω 1/4 watt resistor
_____	R8	4.7K Ω 1/4 watt resistor
_____	R9	4.7K Ω 1/4 watt resistor
_____	R10	680 Ω 1/4 watt resistor
_____	R11	100 Ω 1/4 watt resistor
_____	R12	4.7M Ω 1/4 watt resistor
_____	R13	1K Ω 1/4 watt resistor
_____	R14	4.7K Ω 1/4 watt resistor

Capacitors

_____	C1	0.01 μ F disc capacitor
_____	C2	0.01 μ F disc capacitor
_____	C3	0.01 μ F disc capacitor
_____	C4	0.1 μ F disc capacitor
_____	C5	0.1 μ F disc capacitor
_____	C6	20 pF disc capacitor
_____	C7	0.1 μ F disc capacitor
_____	*C8	100 μ F @ 16 volt electrolytic capacitor
_____	C9	0.1 μ F disc capacitor
_____	*C10	22 μ F @ 6.3v tantalum capacitor
_____	C11	0.1 μ F disc capacitor
_____	C12	0.1 μ F disc capacitor

Semiconductors

_____	*D1	1N4733 5.1 v zener diode
_____	*D2	1N4742 12 v zener diode
_____	*Q1	SS 1122 silicon transistor

Integrated Circuits

_____	*IC1	1771 Disk controller (MOS)
_____	*IC2	555 timer
_____	*IC3	555 timer
_____	*IC4	7407 open collector hex buffer
_____	*IC5	74LS139 Dual 2 to 4 decoder
_____	*IC6	DM8097/74367 hex bus driver
_____	*IC7	7406 open collector hex inverter
_____	*IC8	74LS175 Quad D flip-flop
_____	*IC9	74LS242 Quad bi-directional transceiver
_____	*IC10	74LS242 Quad bi-directional transceiver
_____	*IC11	74LS00 Quad 2 input NAND gate
_____	*IC12	4049 (MOS) Hex inverter
_____	*IC13	7805 5 volt regulator

Misc.

_____	Y1	1MHz Crystal
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