JAN 6, 1995

OP1 PARTS LIST

Item	Qty	Unit Design	Part No.	Description	Mfr.	Supplier	Price (ea)	
1	1	U4	MC68HC811E2FN	Micro-controller, w/2K EPROM	Motorola	ES or FAI	23.00	
2	1	U5	74HC574AN	D-Flop, Octal CMOS		ES	0.93	
3	2	U2,U3	74LS04N	HEX Inverter		ES	0.38	
4	1	U1	74LS03N	2i/p Nand. quad. OC		ES	0.37	
5	1	U6	MX7226KN AD7226KN	D/A Converter, 4ch 5 ALT	Maxim AD	FAI FAI	30.20 25.90	
6	3	C3,C5,C7	10M16	Cap. 10uf, 16v, Tantalum	ITT	ES	0.60	
7	3	C4,C6,C8	SR215E104MAA	Cap. 0.1uf, 50v, Cer.	AVX	FAI	0.07	
8	2	C1,C2	681-10229	Cap. 22pf, 50v, Cer. NPO	Phillips	ES	0.04	
9	1	J1	CIB24SRA	Connector, GPIB, rt angle, PCB	L-COM	L-COM	10.00	
10	1	J2	051-040-113	Header, 40 pin, dual row, 0.1sp	Panduit	ES	2.20	
11	1	J6-12	MFSS100-7	Header, 7 pin sngl row, 0.1sp	Panduit	ES	0.43	
12	3	J4,J5,J13	MFSS100-2	Header, 2 pin sngl row, 0.1sp	Panduit	ES	0.12	
13	1	PCB1	E/D101	PCB				
14	2	D1,D2	ESBR3901 LTL4261N	LED, red, T-1,hi-eff 14 ALT	Stanley Lite-On	FAI ES	0.67	
15	1	U8	LM385Z-2.5	Ref. 2.5v, 3% (voltage ref)	National	ES	1.82	
16	1	U7	LM358N	Op-amp, dual		ES	0.85	
17	1	U9	MC34164P5 MC34164P3	Undervolt det	Motorola	FAI ES	1.09	
18	6	R3,8,9,10,12,13	CR25	Resistor, 1/4w, 5%, 10k	Phillips	ES		
19	1	R6	CR25	Resistor, 1/4w, 5%, 10MEG	Phillips	ES		
20	1	R7	CR25	Resistor, 1/4w, 5%, 22K	Phillips	ES		
21	5	R4,11,14,15,16	CR25	Resistor, 1/4w, 5%, 3.3K	Phillips	ES		
22	1	R5	CR25	Resistor, 1/4w, 5%, 33K	Phillips	ES		
23	1	R1	4606X-101-103	Resistor, SIP, 10K, 6 pin	Bourns	ES	0.33	
24	1	SW1	78RB05	Dip switch, 5 pos, spst	Grayhill	ES	6.00	
25	1	R2	3296W-1-10K	Trimpot, 10K, 10t	Bourns	ES	2.80	
26	2	Q1,Q2	2N4124	Transistor, NPN, TO92		ES	0.11	
27	1	U10	A-8.000000-18	Crystal, 8.00MHz, HC49/U		ES	0.60	
28	1	SC1	PCS-052A-1	Socket, 52 pin	Augat	ES	3.04	
29	1	CBL	CMB24-2M	Cable GPIB	L-COM	L-COM	84.00	
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