

ED102 Parts List

Item	Qty	Unit	Desig	Part No.	Description	Mfr	Suppl.	Del	Est \$	Tot	New
1	1	U4		MC68HC811E2FN	Micro-controller, w/2K EPROM	Motorola	FAI		14.70		New
2	3	U6,U7,U8		SN74HC595N	Shift register (or MC74HC595N)	Motorola	FAI		3.06		New
3	2	U2,U3		SN74LS04N	Hex Inverter (or MC74LS04N)		ES		0.36		
4	1	U1		SN74LS03N	Nand gate, OC (or MC74LS03N)		ES		0.36		
5	1	U5		MAX528CPP	D/A Converter, Octal	Maxim	Digikey		20.60		New
6	4	C4,C6,C7,C9		10M16	Cap, 10uf, 16v, Tantalum, 0.1 sp * ITT						
7	2	C5,C8		SR215E104NAA	Cap, 0.1uf, 50v, Cer, 0.1 sp	AVX					
8	2	C1,C2		681-10229	Cap, 22 pf, 50v, Cer	PHILLIPS					
9	1	P1		CIB24SRA	Connector, GPIB, rt angle, PCB	L-COM			3.65		
10	1	P5		051-040-113	Header, 40 pin, dual row, 0.1 sp	Panduit			2.20		
11	1	P2		MFSS100-4D	Header, 4 pin, 1 row, 0.1 sp	Panduit					
12	2	J1,J2		MFSS100-2D	Header, 2 pin, 1 row, 0.1 sp	Panduit					
13	2	D1,D2		LTL4261N	LED, red, T-1, hi-brightness	Lite-on			0.12		New
14	1	Z1		TL431CLP	Regulator, shunt, adjust	TI			0.43		New
15	1	U10		ICL7660CPA	Converter, pump *	Harris	FAI		1.44		New
16							FAI		4.39		New
17	2	R3,R6			Resistor, 1/4w, 5%, 10k						
18											
19	1	R4			Resistor, 1/4w, 5%, 10MEG						
20	1	R7			Resistor, 1/4w, 5%, 390						
21	1	R8			Resistor, 1/4w, 5%, 39K						
22	2	R10,R11			Resistor, 1/4w, 5%, 3.3K						
23	1	R5		4608X-101-103	Resistor, SIP, 10K, 7 res	Bourms	ES		0.60		New
24	1	R1		4608X-102-332	Resistor, SIP, 3.3K, 4 res	Bourms	ES		0.60		New
25	1	SW1		78RB05	Dip switch, 5 pos, spst	Grayhill	ES		4.20		
26	1	R9		3296W-1-103K	Thimpot, 10K, 10t	Bourms	ES		2.80		
27	2	Q1,Q2		2N4124	Transistor, NPN, TO92	Motorola	ES		0.11		
28	1	X1		A-8.000000-18	Crystal, 8.00 MHz, HC 49/U	Raltron	ES		0.60		
29	1			821551-1	Socket, 52 pin, PLCC, w post PCB	AMP	ES		3.04		
30	1			ED 102		Eildan	Ball				

RE PART No:
CORRECTED Q B.

PARTS LIST - GPIB Interface

Eildan Corp, Electronics Div	ED-102-PL
Orig: D. Ball	Issue: 2
Date: 18 Dec 97	

* - U10, C6 and C9 may be deleted if a negative five volt supply is provided.
Note : Components U9, R2 and C3 have been deleted and are not used on PCB.

Avtech interface to Eildan ED102 connector

RECEIVED DEC 19 1997

Note : Spare lines have been changed to output lines

Line	Function	Line	Function
1	Not used	26	Dig3
2	Gnd	27	PRF 2
3	Gnd	28	Dig4
4	Delay 1	29	PRF 3
5	PW	30	Gnd
6	Delay	31	PRF 4
7	Gnd	32	Single pulse
8	Delay 3	33	Gnd
9	PW 1	34	Gnd
10	Lead/lag	35	Delay
11	PW 2	36	Ampl2
12	Gnd	37	Gnd
13	PW 3	38	Gnd
14	Polarity	39	Anal7
15	Gnd	40	Anal8
16	Gnd	41	Gnd
17	Ampl1	42	Gnd
18	Anal5	43	Dig5
19	Gnd	44	Dig6
20	Gnd	45	Dig7
21	PRF	46	Dig8
22	Dig1	47	Dig9
23	Gnd	48	Dig10
24	Dig2	49	Dig11
25	PRF1	50	Dig12

For your RECORDS

DAW .

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28	1	X1		A-8.000000-18	Crystal, 8.00 MHz, HC 49/U	Raltron			0.60		
29	1			821551-1	Socket, 52 pin, PLCC, wo post	AMP			3.04		
30	1			ED 102	PCB	Eildan	Ball		n/c		

PARTS LIST - GPIB Interface	
Eildan Corp, Electronics Div	ED-102-PL
Orig: D. Ball	Date: 15 Dec 97
	Issue: 2

REVISED
Dec 15 1997

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