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Apple III Universal Parallel Interface Card (UPIC)

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DI=Data In
DO=Data Out

PIN OUTS

20 Pin Connector

Pin Number	Signal	Pin Number	Signal
1	..... Signal Ground	11	..... Port A output DO1
2	..... Acknowledge input	12	..... Port A output DO2
3	..... Port B input DI0	13	..... Port A output DO3
4	..... Port B input DI1	14	..... Port A output DO4
5	..... Port B input DI2	15	..... Port A output DO5
6	..... Port B input DI3	16	..... Port A output DO6
7	..... Port B input DI4	17	..... Port A output DO7
8	..... Strobe output	18	..... Port B input DI6
9	..... Port B input DI5	19	..... Port B input DI7
10	..... Port A output DO0	20	..... Signal Ground

40 Pin Connector

1	..... Port B output DO0	21	..... Port A output DO1
2	..... Port B output DO1	22	..... Port A output DO2
3	..... Port B output DO2	23	..... Port A output DO3
4	..... Port B output DO3	24	..... Port A output DO4
5	..... Port B output DO4	25	..... Port A output DO5
6	..... Port B output DO5	26	..... Port A output DO6
7	..... Port B output DO6	27	..... Port A output DO7
8	..... Port B output DO7	28	..... Port B input DI6
9	..... Pin removed	29	..... Port B input DI7
10	..... Pin removed	30	..... Signal Ground
11	..... Signal Ground	31	..... Pin removed
12	..... Acknowledge input	32	..... Pin removed
13	..... Port B input DI0	33	..... Data ready output
14	..... Port B input DI1	34	..... Signal ground
15	..... Port B input DI2	35	..... Signal ground
16	..... Port B input DI3	36	..... Signal ground

17	.....	Port B input DI4	37	.....	Signal ground
18	.....	Strobe output	38	.....	Data ready ACK in
19	.....	Port B input DI5	39	.....	Signal ground
20	.....	Port A output D00	40	.....	Signal ground

DATA CONFIGURATION BLOCK

Commonly used configurations for the driver .PRINTER on the SOS 1.3 Update diskette are listed in the following table.

Printer	Device configuration block (DCB) values				
	ERRMASK	ERRSTAT	AUTOLF	CTRLWRD	TIMEOUT
	00	01	02	03	04
Centronics 779/700	E0	C0	40	00	0A
Centronics 730/737	C0	C0	00	00	5A
Anadex DP-8000	E0	C0	00	00	5A
Printronix P300	E0	C0	00	00	0A
C.Itoh 8510A	E8	C8	40	00	0A
IDS 440/445/460	60	40	00	00	5A
Epson MX-80	E8	C8	00	00	0A
TI 810	E8	C0	00	00	0A
Any printer connected with Apple II cable	00	00	00	00	00

For further information on the Data Configuration Block please refer to page 19 onwards of the Universal Parallel Interface card manual.

NOTE:

The driver .PARALLEL is used for two way communications i.e. for input and output, when using the 40 pin connector. This driver has a three byte configuration block. Please refer to pages 29 onwards in the UPIC manual for more information.

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