



Tech Info Library

Apple III Universal Parallel Interface Card (UPIC)

Revised: 11/7/88
Security: Everyone

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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 D01
2	Acknowledge input	12	Port A output D02
3	Port B input DI0	13	Port A output D03
4	Port B input DI1	14	Port A output D04
5	Port B input DI2	15	Port A output D05
6	Port B input DI3	16	Port A output D06
7	Port B input DI4	17	Port A output D07
8	Strobe output	18	Port B input DI6
9	Port B input DI5	19	Port B input DI7
10	Port A output D00	20	Signal Ground

40 Pin Connector

1	Port B output D00	21	Port A output D01
2	Port B output D01	22	Port A output D02
3	Port B output D02	23	Port A output D03
4	Port B output D03	24	Port A output D04
5	Port B output D04	25	Port A output D05
6	Port B output D05	26	Port A output D06
7	Port B output D06	27	Port A output D07
8	Port B output D07	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
Printronic 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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