Tech Info Library

LaserWriter II Family: List Of Pinouts (6/94)

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Revised:        6/23/94
Security:       Everyone


LaserWriter II Family: List Of Pinouts (6/94)


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Article Created: 15 January 1988
Article Reviewed/Updated: 23 June 1994


TOPIC -------------------------------------------------------------


Is there a listing of the pinouts for the various connectors on the LaserWriter
II I/O boards?


DISCUSSION --------------------------------------------------------


Here is a list of LaserWriter II I/O board pinouts:


LaserWriter II Mini Circular-8 RS-422:
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Pin       Signal        Description


1         HSKo          Handshake output
2         HSKi          Handshake input
3         TxD-          Transmit data -
4         SG            Signal Ground
5         RxD-          Receive data -
6         TxD+          Transmit data +
7         RxD+          Receive data +


LaserWriter II  RS-232C:
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Pin       Signal        Description


1,7 *     SGnd          Signal Ground
2 *       Txd           Transmit Data
3 *       Rxd           Receive Data
4         Rts           Request to send
5         Cts           Clear to send
6         DSR           Data Set Ready
```

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8          DCD          Data Carrier Detect
20         DTR          Data Terminal Ready
22         Ring         Ring indicator
```

* Only pins 1 (or 7,) 2, and 3 are needed by the LaserWriter II. The other pins
exist for support of communication with devices requiring specific hardware
handshaking.

NOTE: The RS-232C connnector on the LaserWriter is configured as Data Terminal
Equipment (DTE), which means that you can connect it directly to a modem or
host computer that is configured as Data Communication Equipment (DCE) without
any signal reversals. Connection to another DTE device, such as a Macintosh or
IBM-compatible, requires that the TxD and the RxD of each connector be crossed
connected.

LaserWriter IIsc, IIntx, IIf and IIg SCSI port:

```
Pin        Signal

26         /DATA0
27         /DATA1
28         /DATA2
29         /DATA3
30         /DATA4
31         /DATA5
32         /DATA6
33         /DATA7
34         /PARITY
38         +5V
41         /ATN
43         /BUSY
44         /ACK
45         /RST
46         /MSG
47         /SEL
48         C/D
49         REQ
50         I/O
```

Pins 1-12, 14-25, 35-37, 39, 40, 42 are GROUND. Pin 13 is not connected.

Apple DeskTop Bus Mini Circular-4:

```
Pin        Signal      Description

1                      Bi-directional Data
2                      Not Connected
3                      Not connected
4                      Ground
```

LaserWriter IIg ethernet connector:

```
Pin        Signal        Description

1          FN Pwr        Power (+12V @ 2.1W or +5V @ 1.9W)
2          DI-A          Data In circuit A
3          DI-B          Data In circuit B
4          VCC           Voltage Common
5          CI-A          Control In circuit A
6          CI-B          Control In circuit B
7          +5V           +5 volts (from host)
8          +5V           Secondary +5 volts (from host)
9          DO-A          Data Out circuit A
10         DO-B          Data Out circuit B
11         VCC           Secondary Voltage Common
12         NC            Reserved
13         NC            Reserved
14         FN Pwr        Secondary +12V @ 2.1W or +5V @ 1.9W
Shell      Prot Gnd      Protective Ground
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Article Change History:
23 Jun 1994 - Reviewed for technical accuracy, revised formatting, added
              LaserWriter IIf and IIg.

Support Information Services

Tech Info Library Article Number:1947