PowerBook Duo 210, 230, 250, 270c: External Pinouts (6/94)

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TOPIC ---

This article gives the pin assignments and functions for the external
connectors on the Macintosh PowerBook Duo 210, Duo 230, Duo 250, and 270c.

DISCUSSION --

ADB connector signal assignments

Pin number	Signal name	Description
1	ADB	Bidirectional data bus for I/O
2	/POWER ON	Key on ADB keyboard grounds this pin-to-pin 4 to turn on power supply
3	+5V	+5 V power.
4	GND	Ground

Serial port connector signal assignments

Pin	Signal name	Description
1	HSKo	Handshake output. Connected to the Request to Send (RTS) pin on the Combo chip. Tristated when the Data Terminal Ready (DTR) signal is inactive.
2	HSKi	Handshake input. Connected to the Transmit Receive Clock (TRXC) pin on the Combo chip.
3	/TXD	Transmit data (inverted). Connected to the Transmit Data (TXD) pin on the Combo chip. Tristated when DTR is inactive
4	SG	Signal ground. Connected to logic and chassis ground.

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5                /RXD          Receive data (inverted). Connected to the
                               Receive Data (RXD) pin on the Combo chip.

6                 TXD          Transmit data.  Connected to the Transmit
                               Data (TXD) pin on the Combo chip.
                               Tristated when DTR is inactive

7                 GPi          General purpose input. Connected to the
                               Data Carrier Detect (DCD) pin on the Combo
                               chip.

8                 RXD          Receive data. Connected to the Receive
                               Data (RXD) pin on the Combo chip.

9, 10, 11         GND          These pins are connected to chassis ground
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PowerBook Duo Floppy Adapter

The drive is connected through a custom HDI-20 high-density connector.

Pin number	Signal name	Description
1, 2, 3, 4	GND	Ground
5, 10, 20	nc	No connection
6, 7, 8, 9	+5V	+5 V power for floppy drive
11	PH0	State-control line 0
12	PH1	State-control line 1
13	PH2	State-control line 2
14	PH3	State-control line 3
15	/WRREQ	Write data request
16	HDSEL	Head select
17	/ENBL	Floppy drive enable
18	RD	Read data
19	WR	Write data

Article Change History:
24 Jun 1994 - Added Duo 250 and 270c.

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