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

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Security: Everyone

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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.
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

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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