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Macintosh 630 Family: External Pinouts (7/94)

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TOPIC -----

This article documents the external pinouts for the Macintosh 630 family of computers.

DISCUSSION -----

Serial Port Pinouts

Pin number	Signal description
1	Handshake output
2	Handshake input
3	Transmit data -
4	Ground
5	Receive data -
6	Transmit data +
7	General-purpose input
8	Receive data +
9	+5 volts

ADB connector

Pin number	Name	Description
1	ADB	Bidirectional data bus used for input and output. It is an open-collector signal pulled up to +5 volts through a 470-ohm resistor on the main logic board
2	PSW	Power-on signal that generates reset and interrupt key combinations
3	+5V	+5 volts from the computer.
4	GND	Ground from the computer.

SCSI Connector

Pin number	Signal name	Signal description
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8	/DB0	Bit 0 of SCSI data bus
21	/DB1	Bit 1 of SCSI data bus
22	/DB2	Bit 2 of SCSI data bus
10	/DB3	Bit 3 of SCSI data bus
23	/DB4	Bit 4 of SCSI data bus
11	/DB5	Bit 5 of SCSI data bus
12	/DB6	Bit 6 of SCSI data bus
13	/DB7	Bit 7 of SCSI data bus
20	/DBP	Parity bit of SCSI data bus
25	n.c.	Not connected
25	TPWR	+5 V terminator power
17	/ATN	Attention
6	/BSY	Bus busy
5	/ACK	Handshake acknowledge
4	/RST	Bus reset
2	/MSG	Message phase
19	/SEL	Select
15	/C/D	Control or data
1	/REQ	Handshake request
3	/I/O	Input or output

20, 22, 24, 28, 30, 34, and all odd pins except pin 25, 7, 9, 14, 16, 18, and 24
GND

Video connector

Pin number	Signal name	Description
1	RED.GND	Red video ground
2	RED.VID	Red video signal
3	/CSYNC	Composite synchronization signal
4	SENSE0	Monitor sense signal 0
5	GRN.VID	Green video signal
6	GRN.GND	Green video ground
7	SENSE1	Monitor sense signal 1
8	n.c.	Not connected
9	BLU.VID	Blue video signal
10	SENSE2	Monitor sense signal 2
11	GND	CSYNC and VSYNC ground
12	/VSYNC	Vertical synchronization signal
13	BLU.GND	Blue video ground
14	HSYNC.GND	HSYNC ground
15	/HSYNC	Horizontal synchronization signal
Shell	SGND	Shield ground

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