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Macintosh IIsi: External Pinouts (5/93)

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TOPIC -----

This article gives the pin assignments and functions for the external connectors on the Macintosh IIsi.

DISCUSSION -----

Apple Desktop Bus (ADB)

Pin	Signal	Description
1	DATA	ADB Data
2	PO	Power On
3	+5 V	+5 Volt
4	GND	Ground

|4 |3

-2 -1

DB-19 External Drive Connector

Pin	Signal	Description
1, 2, 3, 4	GND	Ground
5	-12 V	-12 Volt Supply
6	+5 V	+5 Volt Supply
7	+12 V	+12 Volt Supply
8	12 V	+12 Volt Supply
9	nc	(Not Connected)
10	+5 V	+5 Volt Supply
11	PHASE0	Motor Phase 0 Output
12	PHASE1	Motor Phase 1 Output
13	PHASE2	Motor Phase 2 Output
14	PHASE3	Motor Phase 3 Output
15	W/REQ	Write Request
16	SEL	Register Select Line
17	ENABLE2	Drive Enable
18	RD	Read Data Input

```

10                                     1
X X X X X X X X X X
X X X X X X X X X
19                                     11

```

SCSI Port (25-pin)

Pin	Signal	Description
1	REQ~	Request
2	MSG~	Message
3	I/O~	Input/Output
4	RST~	SCSI Bus Reset
5	ACK~	Acknowledge
6	BSY~	Busy
7	GND	Ground
8	DB0~	Data bit 0
9	GND	Ground
10	DB3~	Data bit 3
11	DB5~	Data bit 5
12	DB6~	Data bit 6
13	DB7~	Data bit 7
14	GND	Ground
15	C/D~	Command/Data
16	GND	Ground
17	ATN~	Attention
18	GND	Ground
19	SEL~	Select
20	DBP~	Data parity
21	DB1~	Data bit 1
22	DB2~	Data bit 2
23	DB4~	Data bit 4
24	GND	Ground
25	TPWR	Terminator power

```

13                                     1
X X X X X X X X X X X X X
X X X X X X X X X X X X
25                                     14

```

WARNING: The SCSI port uses the same type of connector as a standard RS-232, DB-25 serial interface, but it is different electrically. Do not connect any RS-232 device to this connector. Doing so can result in damage to both the device and the Macintosh LC.

DB-15 Monitor Video Connector

Pin	Signal	Description
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1	RED.GND	Red Video Ground
2	RED.VID	Red Video
3	CSYNC~	Composite Sync.
4	MON.ID1	Monitor ID, Bit 1
5	GRN.VID	Green Video
6	GRN.GND	Green Video Ground
7	MON.ID2	Monitor ID, Bit 2
8	nc	(Not Connected)
9	BLU.VID	Blue Video
10	MON.ID3	Monitor ID, Bit 3
11	C&VSYNC.GND	CSYNC & VSYNC Ground
12	VSYNC~	Vertical Sync.
13	BLU.GND	Blue Ground
14	HSYNC.GND	HSYNC Ground
15	HSYNC~	Horizontal Sync.
Shell	CHASSIS.GND	Chassis Ground

```

      8           1
X X X X X X X X
  X X X X X X X
15           9

```

Modem and Printer Ports

Pin	Signal	Description
1	HSKo	Handshake Output DTR
2	HSKi	Handshake Input CTS
3	TxD-	Transmit Data (inverted)
4	SG	Signal Ground
5	RxD-	Receive Data (inverted)
6	TxD+	Transmit Data
7	GPI	General Purpose Input DCD
8	RxD+	Receive Data

```

|8 |7 |6
-5 -4 -3
-2 -1

```

Microphone Input Jack

Contact	Signal	Description
(Tip)	+8V	+8V for powering electret microphone
(Ring)	Right	Audio input with max amplitude of 20 mV at 600 Ohms impedance.
(Sleeve)	GND	Signal ground

Audio Output Jack - Stereo

Contact	Signal	Description
(Sleeve)	GND	Signal ground
(Tip)	Left	1-volt peak-to-peak audio signal; impeded 47 Ohms
(Ring)	Right	1-volt peak-to-peak audio signal; impeded 47 Ohms

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