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Macintosh Color Classic: Internal SuperDrive Connector

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TOPIC -----

This article gives the pin assignments and functions for the internal 20-pin internal connector for the high-density floppy disk drive (Apple SuperDrive).

DISCUSSION -----

Floppy Disk Drive

The Macintosh Color Classic computer supports one internal high-density floppy disk drive (Apple SuperDrive). The drive is connected to the logic board by a 20-pin connector. Table 1-2 shows the pin assignments for the floppy disk connector.

Table 1-2 Pin assignments for the internal floppy disk connector

Pin number	Signal name	Signal description
1	GND	Ground
2	PH0	Phase 0: state-control line
3	GND	Ground
4	PH1	Phase 1: state-control line
5	GND	Ground
6	PH2	Phase 2: state-control line
7	GND	Ground
8	PH3	Phase 3: register write strobe

9	n.c.	Not connected
10	/WRREQ	Write data request
11	+5V	+5 volts
12	SEL	Head select
13	+12V	+12 volts
14	/ENBL	Drive enable
15	+12V	+12 volts
16	RD	Read data
17	+12V	+12 volts
18	WR	Write data
19	+12V	+12 volts
20	n.c.	Not connected

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