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PC 5.25 Drive & Macintosh II PC Drive Card: Pinouts and Cabling

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Security: Everyone

PC 5.25" Drive & Macintosh II PC Drive Card: Pinouts and Cabling

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TOPIC -----

What are the pinouts for the Macintosh II PC Drive Card and PC 5.25" Drive?

DISCUSSION -----

Here is the pinout for the DB37 connector on the Macintosh II PC Drive card. Note that pins not listed are not used.

DB37	Signal Name
1	+12 Volts
2	Ground
4	+ 5 Volts
5	Ground
6	INDEX
7	Motor Enable
8	Drive Select 1
9	Motor enable
11	Direction
12	STEP
13	Write Data
14	Write Enable
15	Track 00
16	Write Protect
17	Read Data
18	Side 1
19	Diskette Change
20	Ground
25	Ground

This is the pinout for the cable, part number 590-0368, used on the PC 5.25 inch drive. The cable uses a 34 pin connector and smaller 4 pin connector for the DC power on the inside of the PC 5.25 inch drive and a DB37 connector that attaches to the card in Macintosh II. Note that pins not listed are not used.

DB37	Signal Name	34 pin edge connector	DC Connector
1	+12 Volts		1
2	Ground		2
3	Low Density	2	
4	+5 Volts		4
5	Ground		3
6	Index	8	
7	Motor Enable A	16	
9	Drive Select A	10	
11	Direction	18	
12	Step	20	
13	Write Data	22	
14	Write Enable	24	
15	Track 00	26	
16	Write Protect	28	
17	Read Data	30	
18	Side 1	32	
19	Disk Change	34	
20	Ground	1	
25	Ground	5	
27	FNPRES	7	

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