

Pinout connessioni Connettore PCMCIA--> Compact Flash card--> IDE PC

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Connections

The following is a pin definition & connection table for CF/PCMCIA cards in "True-IDE" mode. "xx" means that this signal has no equivalent connection in this standard.

The following pins are straight through connections:

PCMCIA..CF.....IDE...Signal Name

30-----21-----17....D0
31-----22-----15....D1
32-----23-----13....D2
2-----2-----11....D3
3-----3-----9....D4
4-----4-----7....D5
5-----5-----5....D6
6-----6-----3....D7
64-----47-----4....D8
65-----48-----6....D9
66-----49-----8....D10
37-----27-----10....D11
38-----28-----12....D12
39-----29-----14....D13
40-----30-----16....D14
41-----31-----18....D15
29-----20-----35....A0
28-----19-----33....A1
27-----18-----36....A2
16-----37-----31....INTRQ
33-----24-----32....-IOCS16
44-----34-----25....-IORD
45-----35-----23....-IOWR
58-----41-----1....-RESET
59-----42-----27....IORDY
62-----45-----39....DASP
63-----46-----34....-PDIAG
7-----7-----37....-CE1 select 0x1Fx
42-----32-----38....-CE2 select 0x3Fx

The following pins should be connected to power, ground or not at all:

PCMCIA..CF.....IDE...Signal Name..connect to

26-----17-----xx....A3.....=GND
25-----16-----xx....A4.....=GND
24-----15-----xx....A5.....=GND
23-----14-----xx....A6.....=GND
22-----12-----xx....A7.....=GND
12-----11-----xx....A8.....=GND
11-----10-----xx....A9.....=GND
8-----8-----xx....A10.....=GND
1-----1-----xx....Power GND....=GND
34-----xx-----xx....Power GND....=GND
35-----xx-----xx....Power GND....=GND
68-----50-----xx....Power GND....=GND
17-----13-----xx....Power VCC....=VCC
51-----38-----xx....Power VCC....=VCC
9-----9-----xx....-OE.....=GND->selects "True-IDE"
15-----36-----xx....-WE.....=VCC
61-----44-----xx....-REG.....=VCC
56-----39-----xx....-CSEL.....=GND->master/=n.c.->slave
36-----26-----xx....-CD1.....=not connected
67-----25-----xx....-CD2.....=not connected
43-----33-----xx....-VS1.....=not connected
57-----40-----xx....-VS2.....=not connected

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60-----43-----xx....-INPACK.....=not connected
xx-----xx-----2....GND.....=GND
xx-----xx-----19....GND.....=GND
xx-----xx-----22....GND.....=GND
xx-----xx-----24....GND.....=GND
xx-----xx-----26....GND.....=GND
xx-----xx-----30....GND.....=GND
xx-----xx-----40....GND.....=GND
xx-----xx-----20....KEY.....=missing pin in IDE connector
xx-----xx-----21....DMAREQ.....=not connected
xx-----xx-----28....SPSYNC.....=not connected
xx-----xx-----29....DMACK.....=not connected
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All other pins of PCMCIA are not connected. Connect all pins of IDE and CF/PCMCIA connector marked GND to the GND pin of the power supply connector. Connect all pins of the CF/PCMCIA connector marked VCC to the +5V pin of the power supply connector. PCMCIA/CF cards DO NOT SUPPORT DMA; they can only be used in pio mode.