



# DIAMOND SYSTEMS CORPORATION

## ACC-CFEXT

## CompactFlash Adapter Board

User Manual V1.0



### Contents

Qty	Item No.	Description
1	8881030	CompactFlash Adapter Board
1	6981004	44-pin IDE Cable
1	MTG104	PC/104 Mounting Hardware Kit

### Jumper Settings

Before attaching the CF board to your CPU, configure the IDE channel on the board using jumper block JP1:

<b>Master</b>	Install jumper between pins 1 and 2
<b>Slave</b>	Install jumper between pins 2 and 3

### Installation

To connect the CF board to your Diamond Systems CPU, use the 44-pin IDE cable and connect it between the 44-pin IDE connector on your CPU and the IDE2 on the CF board. The 44-pin IDE cable may have a plug in it to ensure proper connection.

If you are connecting the CF board to a desktop PC, you need two cables: A 40-pin IDE cable from your PC to connector IDE1, and a floppy power cable to the power connector on the CF board.

**Note the pin 1 locations for all connectors on the board. Incorrect connection of the IDE or power cable can easily damage the CPU or the CF board.**

Power Connector Pin Assignments	
Pin	Signal
1	+12VDC
2	Ground
3	Ground
4	+5VDC

### Specifications

Input Voltage	5VDC +/-5%, 75mA typical
Operating temperature	0 to +60°C
Storage temperature	-10 to +80°C
Relative humidity	Max 90%
Dimensions	79.7 mm (L) x 70 mm (W) x 10.7 mm (H)