

Hardware Features

- True IDE Mode operation
- Stackable design
- All CF signals accessible via 50-pin breakout
- All signals bypass-able via jumpers
- Card Detect circuit
- Power LED
- Disk Active LED



Compact Flash Daughter Card

Our Compact Flash Daughter Card is the easiest & most affordable way available to add removable flash storage to your Texas Instruments DSP Starter Kit (DSK). It serves as a reference design for DSP projects requiring Compact Flash storage, reducing your development effort. It will work with any DSK that complies to TI's Cross-Platform Daughtercard Specification. Includes detailed schematic and Compact Flash Library with 512MB limitation.

Unlimited Low-Level Compact Flash Library

The driver included with our daughter card is a limited version which allows you to read and write sector data up to the first 512MB of the card. Our Unlimited Low-Level Compact Flash Library can read & write all sectors on the card. The unlimited version is currently available for the C5000 & C6000 platforms for an additional cost at <http://www.tgielectronics.com>.

Partial list of Compact Flash Low-Level API Functions

Function	Description
DetectCard	Detects the presence of a card
ResetCard	Performs a reset of the card
DriveDiagnostic	Performs internal diagnostic tests implemented by the card
IdentifyDrive	Receives parameter information from the card
ReadSector	Read a specified sector of data on the card
WriteSector	Write data to the specified sector on the card
SetFeatures	Establish or select certain features of the card
GetRegister	Read the specified register on the card
SetRegister	Writes the specified register on the card