

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

HDFD-0850

Mass Storage Hard Drive Card

- 3U CompactPCI®
- 6 GB or Greater Hard Drive
- Mates with Single-slot SBC
- Internal and External FDD Options
- Optional IDE Connector
- J2 Available for IDE Bus Control



The HDFD-0850 provides the mass storage capability of a 2.5 inch hard drive to a 3U CompactPCI® system. When connected to an SBC with IDE bus, the HDFD-0850 occupies 2 total slots (1 cPCI slot). With optional connectors for front/internal floppy drive and IDE, the HDFD-0850 can be used in several ways to provide data access to a 3U CompactPCI® system. See also FDD-0860.

Ordering Information

AS00850-x2	Mass storage card
AS00850-x3	Mass storage card with J1 connector
AS00850-x4	Mass storage card with internal floppy drive connector
AS00850-x5	Mass storage card with internal floppy drive and IDE connector
AS00042-01	Floppy drive kit - data cable, power cable
AS00041-01	Floppy drive kit - data cable, power cable, mezzanine HDFD card

x – 0 for 6 GB or greater hard drive
1 for no hard drive

PICMG® and the PICMG® logo are registered trademarks of the PCI Industrial Computers Manufacturers Group.

CompactPCI®

mks Technology for Productivity
TeNTA Products

Specifications

Physical

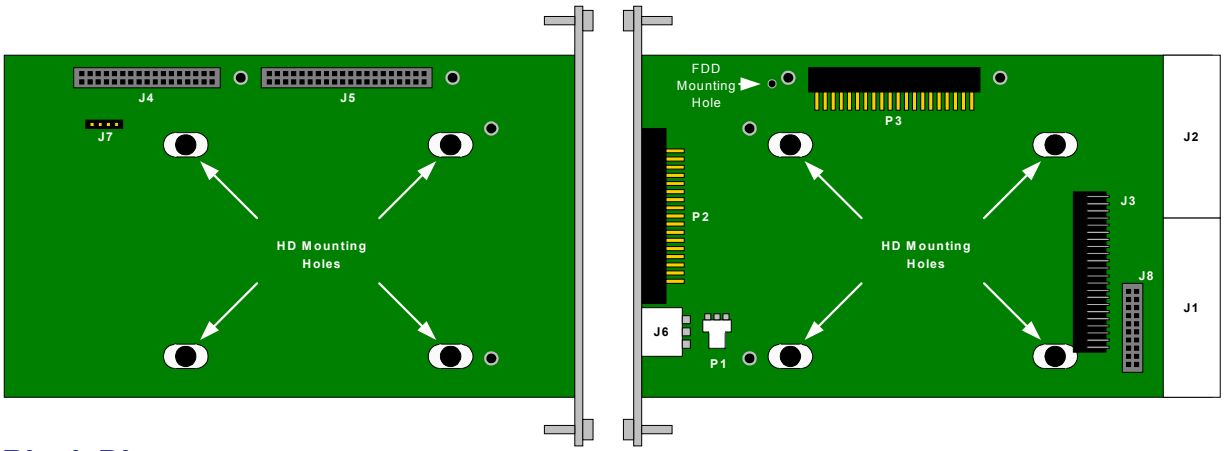
PCB Dimensions	100MM (3.9370”) Height X 160MM (6.2992”) Depth X 1.6MM (0.0629”) Thickness
Form Factor	Plug in Eurocard, 3U Height, 8 HP Width (1 slot), IEEE (1101.1, 101.10 and P1101.11)
Rear Connectors	Metric 2.0mm grid, female connector type A is used for J1 (cPCI BUS) and J2 (Signal distribution).
Front Panel	128.5mm Height X 20.32mm Depth X 2.5 mm Thickness.

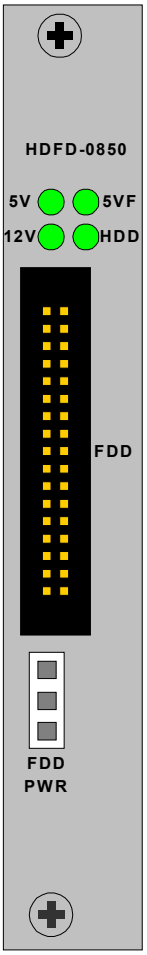
Functional

BUS interface	5V and +12V for HD and FD power
Front Panel Indicators	5V power OK, +12V Power OK, HD Access
Front Panel Connectors	FD Interface

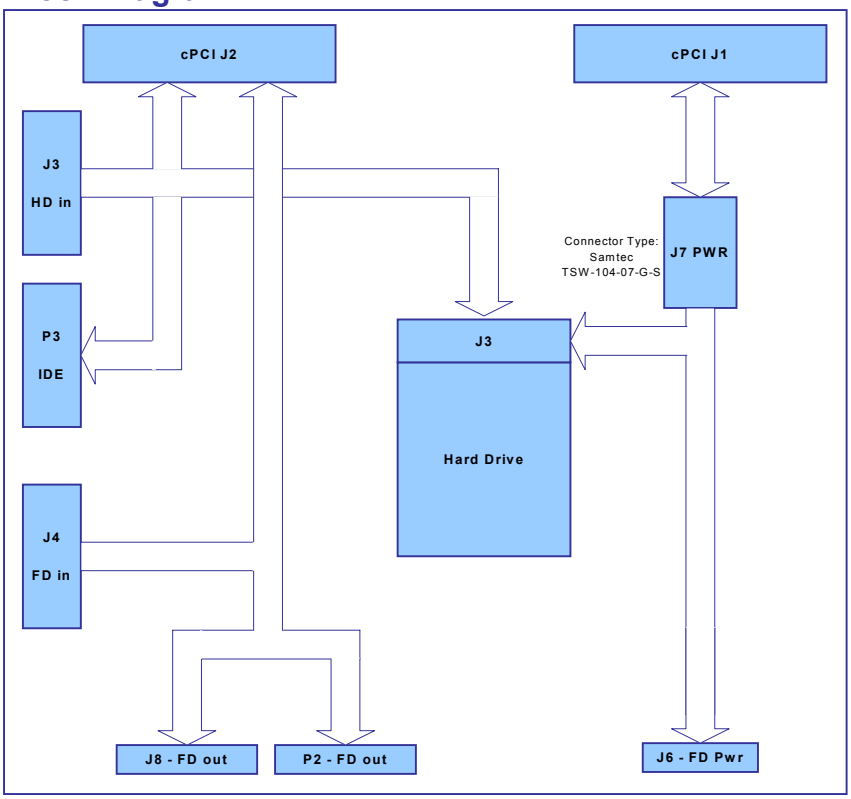
Power

Digital Section Power Supply	+5VDC, +12VDC from J1 or from on board connector. 5V for the Hard drive from SBS SBC





Block Diagram



Connectors

Label	Description
J1	cPCI Bus
J2	cPCI Bus
J3	HDD Out
J4	FDD In
J5	IDE In
J6	FDD Power
J7	Power In
J8	FDD Out
P1	FDD Power
P2	FDD Out
P3	IDE Out

mks
Technology for Productivity
TeNTA Products

3350 Scott Boulevard, Bldg. 4
Santa Clara, CA 95054
Phone 408.235.7620
Fax 408.235.7625
www.mksinst.com
mks@mksinst.com

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP