WESTERN PROCESS COMPUTERS, INC.
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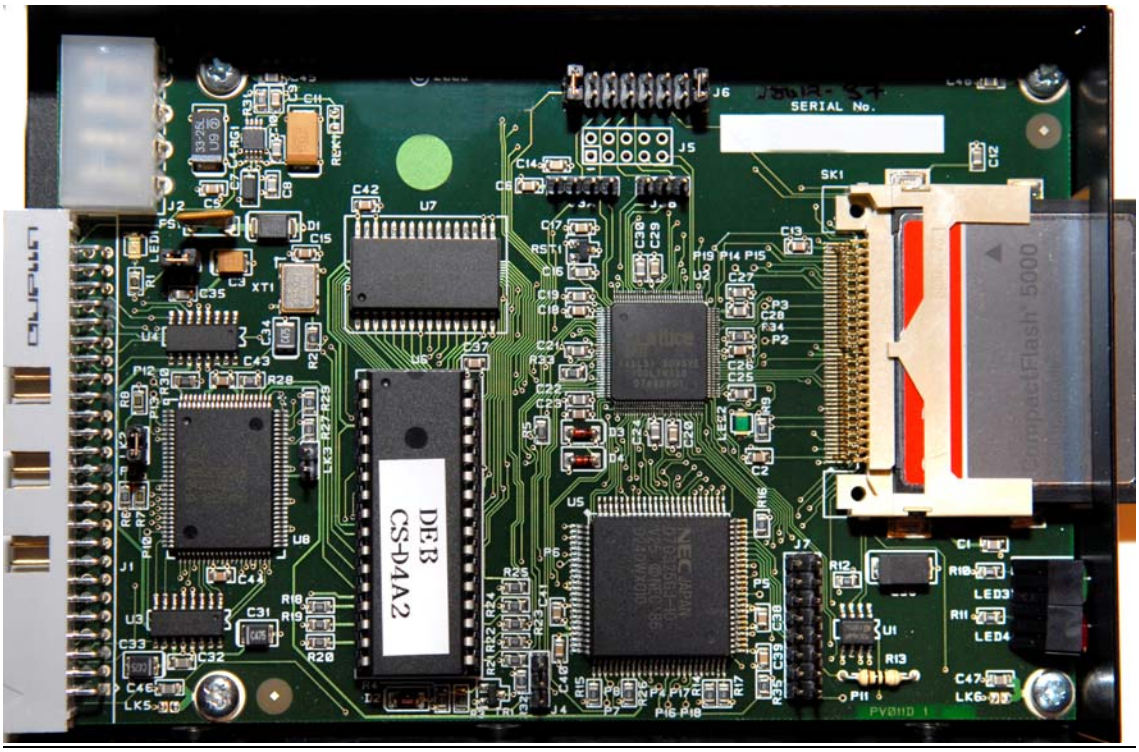
CFZE2GB Zip Emulator
User Guide



Contents

- CFZE2GB Zip drive emulator.
- 2GB Industrial Grade CF (compact flash) card

Features

- 3.5 inch form factor
- Standard 50 pin SCSI1/2 interface
- 10 Mbytes/sec SCSI burst rate
- Internal active SCSI termination, disabled /enabled by jumper
- Compatible with most CF cards
- Recommend Industrial Grade CF Card with SLC
    - Sandisk CF5000 (uses SLC)
    - Transcend CF Industrial (uses SLC)

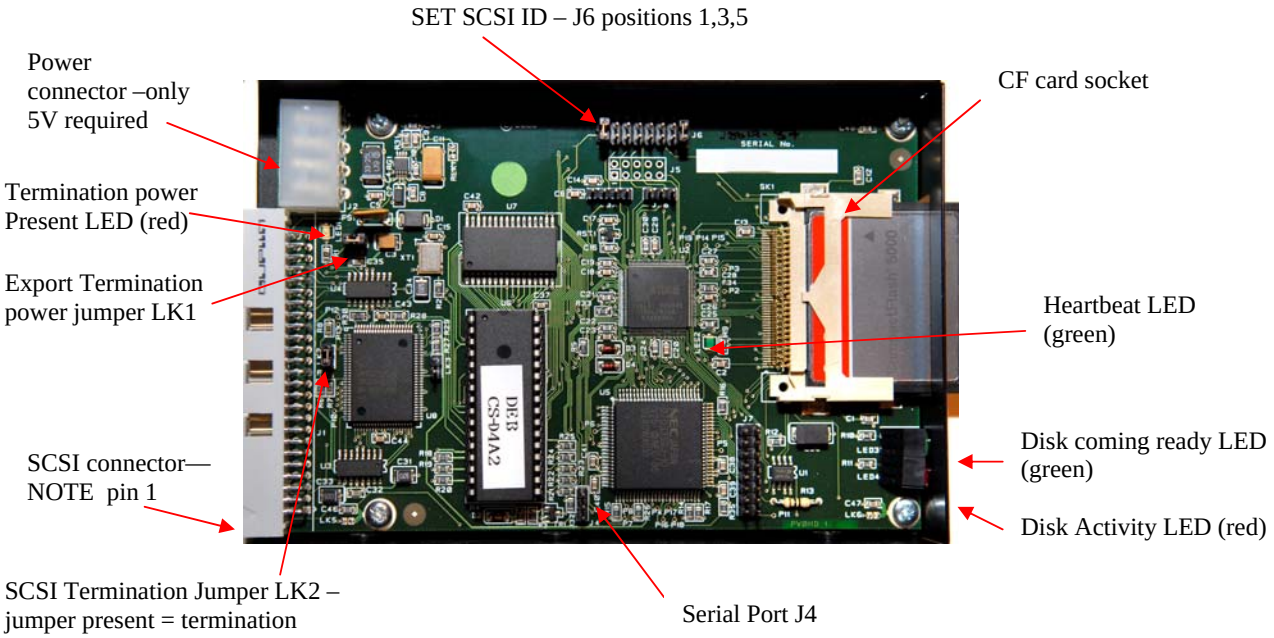
Jumper Settings

- Set Termination Disable/Enable at LK2 -- If jumper is present SCSI termination is ENABLED
- If export termination power is required -- jumper LK1. This is generally not required. Note: Internal terminators always have power.

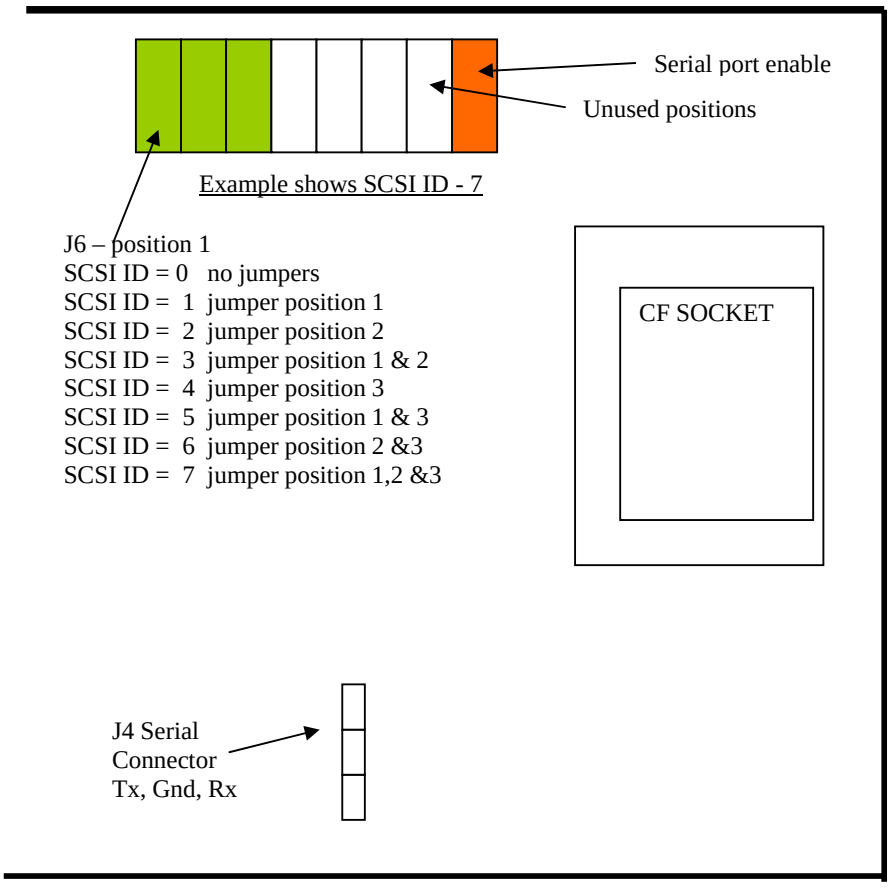
Connections

- Connect the SCSI cable – Note that pin 1 of the cable is at the edge of the PCB, away from the power connector.
- Connect the 5V power. Note that a standard 5V/12V disk power lead can be used here as the 12V pin is a no-connect on the board.
- Note the green heartbeat LED will flash. Also note that the front panel green LED will briefly flash while the CF card is being initialized or if CF card is removed.
- The CF Zip emulator will replace the standard Honeywell Zip drive mounting with the same hardware. Make sure the SCSI address ID and correct termination is maintained.
- The PCB mounts in the standard 3.5” form factor tray. It requires 5V only supplied via a standard disk power connector.

CFZE2GB Layout



- Set the SCSI ID as required at J6



Initialization and Backup

- The CF Zip can be initialized by standard Honeywell protocol. Select System Menu and Removable Media Initialization or CR (Create Volume) commands using the Command Processor. Configure Maximum Files option and Block Size option.

> **CAUTION:**
> You cannot increase the maximum number of files, if you should need them later, without destroying all of the data on the cartridge or chip. It is better to specify a number somewhat greater than your estimated needs.

- Use dual setup, one Zip drive and one CF Zip drive to back up and copy current Zip cartridges. Use Command Processor "FCOPY" procedure, i.e. (FCOPY $F3 $F4)

- 2GB CF card can support the entire backup of a 1.8Gb hard drive. Follow procedure in the Honeywell Command Processor Operation manual –

  Example: "Backup PN:nn $Fn" Where nn = node address of the HM, and n = your removable media (CF Zip).

Installation:

Use M3x6mm screws (and no longer) to install the tray

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