Floppy Disk Emulator Data Sheet

FLOOPY/D/E

USB Floppy Emulator 100 in 1

Replaces diskettes with USB Stick (FDD to UDD)

The USB Floppy Emulator is suitable for all devices that currently use a legacy floppy disk drive

<u>No driver or configuration software required</u>!

Installation

Only general technical knowledge is required for the installation.

Floppy driver with below function needed

Floppy driver with 34pin interface, and 5V DC power plug

Features

Use normal usb flash drive as the medium for transfer design

34pin floppy driver interface, 5V DC power supply, easy to install

100pcs partitions in usb flash drive can be used

Jumpers with function for different machines

Panel

8 segment numbers: represent partitions number

Green led: status of read and write operation

USB port: connect usb flash drive

Button: Left button used to rise ten-digit, right botton used to rise single-digit, press 2 button together to

rise hundred-digit.

Operation

Format usb flash drive

1. use built-in self-format function to format usb flash drive into 100pcs partitions
2. install an emulator on computer, and format every partitions by operate driver A:.
3. use emulator, plug usb flash drive on it, connect to computer, it will recognized as removabe driver A: or B: under WINDOWS XP/2000, format every partitions.

Read and write data

1. install emulator on machine
2. install emulator on computer
3. connect usb flash drive on computer, read and write data directory by software, under WINDOWS XP/2000

Jumper setting

J5---

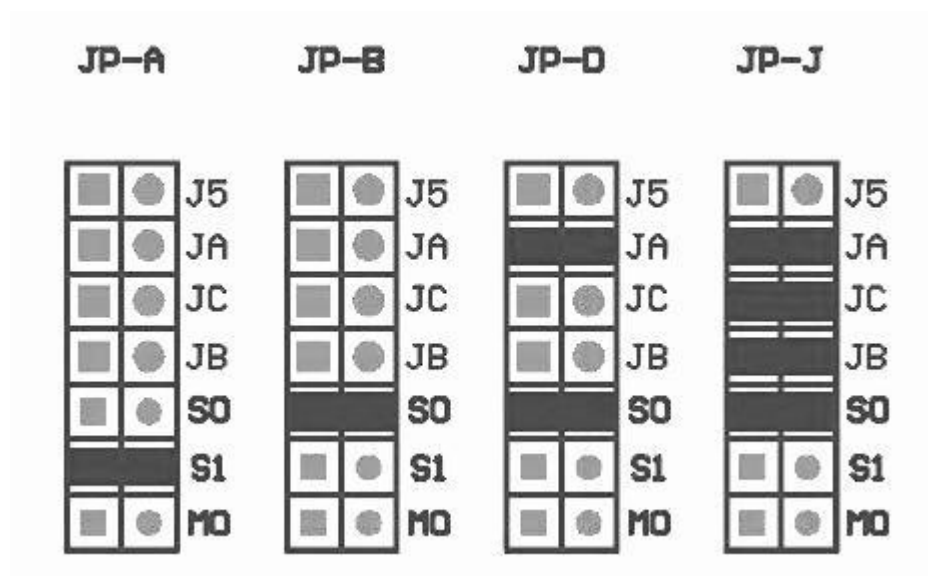**JA---**   set to generate READY signal on 34pin of floppy driver interface

JC---

JB---

S0---   Driver select 0

S1---   Driver select 1

MO---   Motor

Disadvantages of legacy diskettes

- Hardly available at retailers anymore

- Sensitive to
  - Magnetic fields
  - Dust, oil and other adverse environmental conditions
  - Mechanical wear and tear
- Low memory capacity

Main features

- The old floppy disk drive is replaced 1:1
- The connections are identical, therefore no further changes have to be made
- The contents on 100 floppies can easily be placed on one single USB Stick
- The USB Stick at the USB Floppy Emulator replaces the old diskette entirely
- USB memory components have long life spans and high capacities
- The new USB floppy drives and USB memory components are practically immune to impacts from:
    - magnetic fields
    - dust
    - shock

Specifications

- Interfaces
    - 1 x USB socket Type A
    - 1 x 4-pin floppy socket for voltage supply
    - 1 x 34-pin socket board for floppy controller connection
- Voltage supply
    - 5 V DC (voltage range 4.5 – 5.5 V DC)
    - 4-pin-voltage supply socket for 3.5 inch drives
- Casing
    - Plastic
- Frame size
    - 3.5 inches
- Scope of supply
    - USB Floppy Emulator
    - Connected like a normal 3.5" floppy disk drive