

Usermanual

FloppytoUSBemulator

Model: SFR1M44 -FUM-DL code*:F08

Floppydriverwithbelowfunctionneeded:

- Floppydriverwith34pininterface,and5VDCpowerplug(example:SONYALPS)
- Use2HDflppydiskwith1.44MBcapacity
- Formatofdisk: Cylinders:80 Tracks:160 Sectors/Track:18 Bytes/Sector: 512 Data transferrate:500kbps Encodingmethod:MFM.

Features:

- Usenormal usbflashdriveasthemediumfortransferdesign,supportFAT16/FAT32format.
- 34pinfloppydriverinterface,5VDCpowersupply,easytoinstall.
- Capacity: 1.44MB2HDCylinders: 80Tracks: 160Sectors/Track: 18Bytes/Sector: 512Data transferrate:500kbpsEncodingmethod:MFM.
- 1.44MBbuilt -inflashmemory,withFAT12format,usedforcachedatafromusbflashdrive.
- Within1.44MBcapacityofFilesinrootdirectoryor999folderscanbeseached.
- Longfilenameand4 -leveldirectoryin999folderssupported.
- 100 disk image file supported. (used for machine with non FAT disk format, example for makebootdisk)

Panel:



8segmentnumbers: representfoldername

Greenled: statusofreadandwriteoperation

USBport: connectusbflashdrive

Button:

Whennousbflashdrivepluggedonemulator:





Leftbuttonused toriseten -digit,rightbottonusedtorisesingle -digit,press2button together to risehundred -digit,whenthehundred -digitis 'b',theimagemodeused.

Whenanusbflashdrivepluggedonemulator:





Leftbuttonused to transfer data from built -in memory into usb flash drive, right button used to transferdatafromusbflash driveintobuilt -inmemory.

Operationinfilemode :

- **Input sequence: files in usb flash drive transferred into built -in memory, then read by machine.**

1. power on, [ => 00.0.]
2. select directory, [000 – 999] is folder named 000 – 999, for example: we select folder [000].
3. plug usb flash drive on emulator.
4. [ => 000] press [right button], [ => d0] to [ => 000] less than 1.44MB capacity file transferred into built -in memory over.
5. operate machine to read data in built -in memory.
6. if total capacity of files in current directory exceed 1.44MB, only the files total capacity within 1.44MB, will be transferred into built -in memory.
for example: 30 files named 1.* – 30.* in usb flash drive, each one is 0.1MB, total 3MB, only first copied 14 files 1.* – 14.* will transferred into built -in memory, capacity is 1.4MB.


- **Output sequence: files in built -in memory transferred into usb flash drive.**




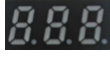



1. power on, [ => 00.0.]
2. select directory, [000 – 999] is folder named 000 – 999, for example: we select folder [000].
3. plug usb flash drive on emulator.
4. [ => 000] press [left button], [ => d2] to [ => 000] files in built -in memory transferred into usb flash drive over.

Operation in image mode: (used for machine with non FAT disk

format, example for make boot disk)

- **Input sequence: image file in usb flash drive transferred into built -in memory, then read by machine.**

1. Make a folder named IMG144 in usb flash drive, get the image file from disk and named 000.IMG or 099.IMG etc, copy into folder IMG144 .(read relevant documents to get image file from disk)
2. power on, [ => 00.0.]
3. press 2 button together select [b00] , use image mode, [b00 – b 99] represent image file named 000.IMG – 099.IMG , for example: we use 000.IMG select [b00].

4. plugusbflashdriveonemulator .
5. [ => **b00**] press [right button], [ => **d0**] to [ => **b00**] theimagefile000.IMGinfolderIMG144is transferredintobuilt -inmemoryover .
6. operatemachinetoreaddatainbuilt -inmemory.
- **Outputsequence: image inbuilt -inmemorytransferredinto usbflashdrive.**
1. poweron, [ => **00.0.**]
2. press 2 button together select [**b00**] , use image mode, [**b00 – b99**] represent imagefilenamed000.IMG –099IMG,forexample:weuse000.IMG select [**b00**].
3. plugusbflashdriveonemulator.
4. [ => **b00**] press [left button], [ => **d2**] to [ => **b00**] imageinbuilt -inmemorytransferredintousbflashdriveover ,000.IMGfilecreated .

Jumpersetting :

J5: ---

JA: ---

JC: ---

JB: ---

S0: Driverslect0

S1: Driverslect1

MO: Motor

Firmwareversionofemulator :

Keypress2buttontogether,poweron,8segmentnumberswilldisplayfirmwareversionand dataofemulatortodetectdifferentmodel.

Errorcode :

E0: nospecifiedfileinusbflashdrive

E16: built-inmemoryfault