Usermanual

FloppytoUSBemulator

Model: SFR1M44 -FU-DL code*:F01

Floppydriverwithbelowfunctionneeded:

- Floppy driver with 34pin interface, and 5V DC power plug (example: SONY YE -DATA ALPSTEACEPSONPANASONICNEC)
- Use2HDflpppydiskwith1.44MB   capacity
- Formatofdisk: Cylinders:80   Tracks:160   Sectors/Track:18   Bytes/Sector: 512 Data transferrate:500kbps   Encodingmethod:MFM.

Features:

- Usenormal usbflashdriveasthemediumfortransferdesign,supportFAT16/FAT32format.
- 34pinfloppy driverinterface,5VDCpowersupply,easytoinstall.
- Capacity:1.44MB2HDCylinders:80Tracks:160Sectors/Track:18Bytes/Sector:512Data transferrate:500kbpsEncodingmethod:MFM.
- 1.44MBbuilt -inflashmemory,withFAT12format,usedforcachedat   afromusbflashdrive.
- Within1.44MBcapacityofFilesinrootdirectoryor999folderscanbesearched.
- Longfilenameand4   -leveldirectoryin999folderssupported.
- Jumperswithfunctionfordifferentmachines.
- 100 disk image file supported. (used for   machine with non FAT disk format, example for makebootdisk)

Panel:

8segmentnumbers: representfoldername
Greenled: statusofreadandwriteoperation
USBport: connectusbflashdrive
Button:
Whennousbflashdriveplugedonemulator:
Leftbutton used toriseten -digit,rightbottonusedtorisesingle   -digit,press2buttontogetherto risehundred -digit,whenthehundred   -digitis 'b',theimagemodeused.
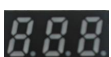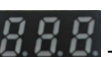Whenanusbflashdriveplugedonemulator:
Leftbuttonusedtotransferdatafrombuilt   -in memoryintousbflashdrive,rightbuttonusedto transferdatafromusbflashdriveintobuilt   -inmemory.

Operationinfilemode :

- **Input sequence: files in usb flash drive transferred into built -in memory, thenreadbymachine.**

1. poweron, **[** => **00.0.]**

2. select directory, **[000]** is root directory of usb flash drive, **[001 − 999]** is folder named001 –999,forexample:weselectrootdirectory **[000].**

3. plugusbflashdriveonemulator.

4. **[** => **000]** press **[right button], [** => **d0]** to **[** => **000]** lessthan 1.44MBcapacityfilestransferedintobuilt -inmemoryover.

5. operatemachinetoreaddatainbuilt -inmemory.

6. if total capacity of files in current directory exceed 1.44MB, only the files total capacity within1.44MB,willbetransferredintobuilt -inmemor y.
forexample:30filesnamed1.* -30.*inusbflashdrive,eachoneis0.1MB,total3MB,only firstcopied 14files1.* -14.*will transferredintobuilt -inmemory,capacityis1.4MB.

- **Outputsequence:filesinbuilt -inmemorytransferredintousbflash drive.**

1. poweron, **[** => **00.0.]**

2. select directory, **[000]** is root directory of usb flash drive, **[001 − 999]** is folder named001 –999,forexample:weselectrootdirectory **[000].**

3. plugusbflashdriveonemulator.

4. **[** => **000]** press **[left button], [** => **d2]** to **[** => **000]** filesinbuilt -inmemorytransferedintousbflashdriveover.

Operationinimagemode:(usedformachinewithnonFATdisk

format,exampleformakebootdisk)

- **Input sequence: image file in usb flash drive transferred into built -in memory,thenreadbymachine.**

1. Make a folder named IMG144 in usb flash drive, get the image file from disk and named 000.IMG or 099IMG etc, copy into folder IMG144 .(read relevant documents to get image filefromdisk)

2. poweron, **[** => **00.0.]**

3. press 2 b utton together select **[b00]** , use image mode, **[b00 − b 99]** represent

imagefilenamed000.IMG – 099IMG ,forexample:we use000.IMG select **[b00].**

4. plugusbflashdriveonemulator.

5. [=> ᵦ00] press **[right button],** [=> **d0**] to [=>

b00] theim agefile000.IMGinfolderIMG144is transferedintobuilt -inmemoryover **.**

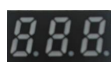6. operatemachinetoreaddatainbuilt   -inmemory.

● **Outputsequence: image inbuilt -inmemorytransferredintousbflashdrive.**

1. poweron, [=> **00.0.**]

2. press 2 button together sele ct **[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 -inmemoryt ransferedintousbflashdriveover ,000.IMGfilecreated .

Jumpersetting :

J5：**---**
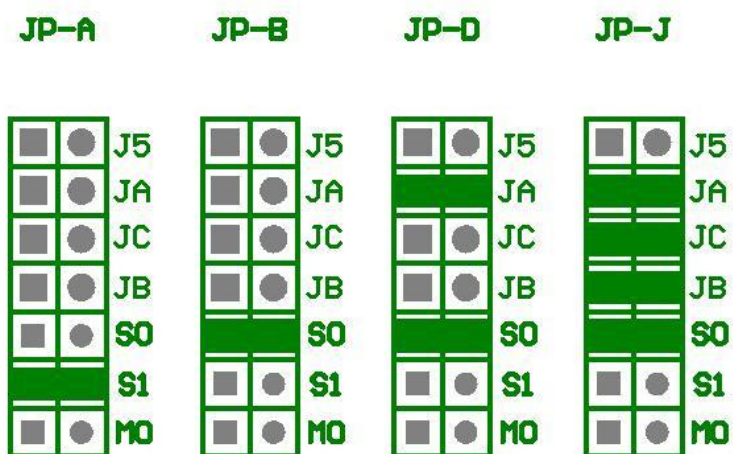**JA**：settogenereteREADYsignalon34pinoffloppydriverinterface
JC：**---**
JB：**---**
S0：Driverselect0
S1：Driverselect1
MO：Motor

Firmwareversionofemulator :

Keeppressed 2buttontogether,poweron,8segmentnumberswilldisplayfirmwareversionand
dataofemulatortodetectdifferentmodel.

Errorcode ：

E0：nospecifiedfileinusbflashdrive
E16：built-inmemoryfault