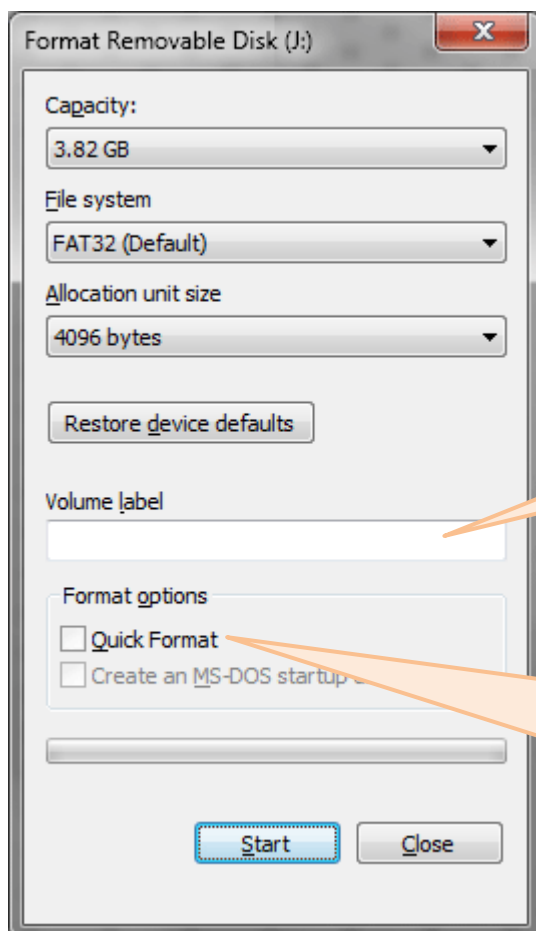


## ID Access 1500, OEM-HF-R845-ET-BO 13.56 MHz read-only RFID Module Firmware Update

### 1 Prepare Micro SD Card

#### 1.1 Fully Erase Card









Use the volume label to give the Micro SD Card a descriptive name.

For safety and also to check the functionality of the Micro SD card, you can fully format it first.

Switch off the quick format, which only overwrites the first memory areas with boot sector and table of contents.

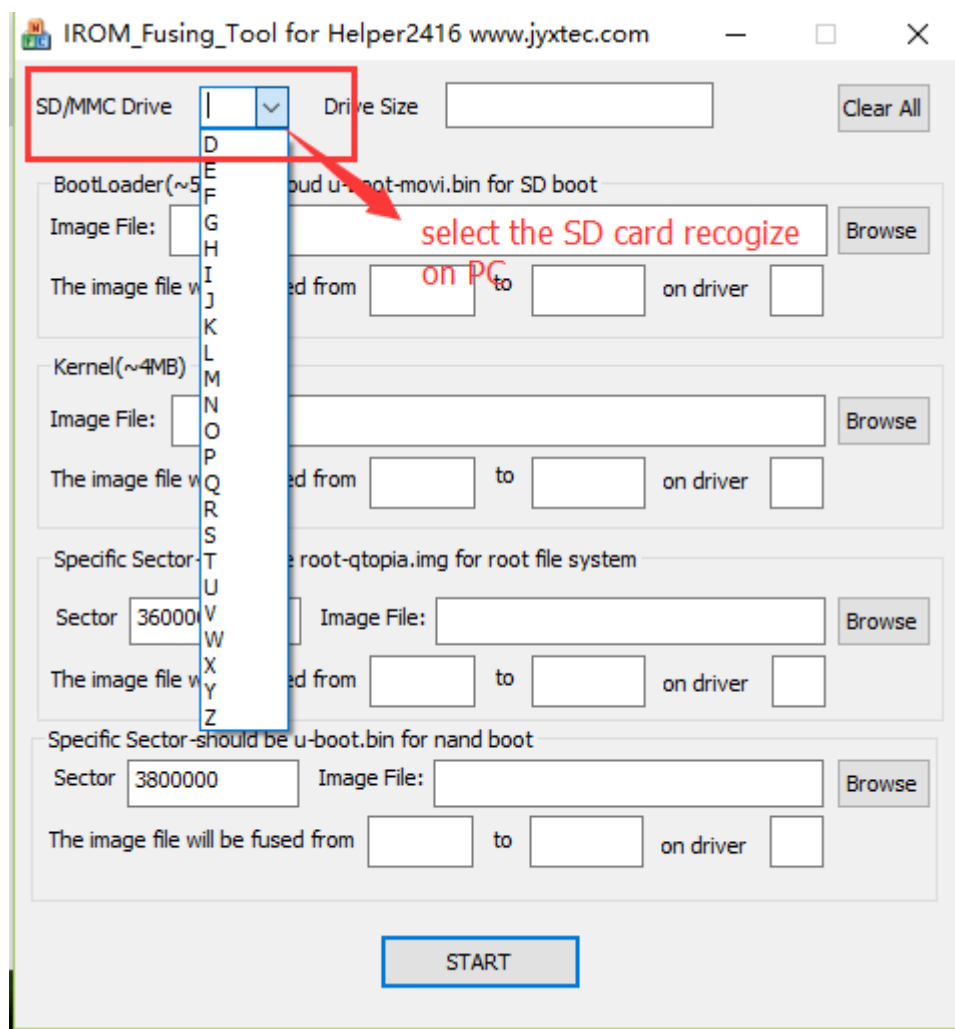
## 1.2 Write Firmware onto Card

Start software to flash the card:

名称	修改日期	类型	大小
 IROM_Fusing_Tool	2014/9/2 15:11	应用程序	158 KB
 root-qtopia	2016/4/5 20:50	光盘映像文件	33,174 KB
 TcpReader	2016/2/22 18:17	应用程序	2,221 KB
 u-boot.534.64m.bin	2016/2/23 13:30	BIN 文件	205 KB
 u-boot-movi.bin	2015/12/30 23:47	BIN 文件	536 KB
 zImage.43	2014/2/25 22:24	43 文件	1,879 KB

fusing tool for write system into the SD card

Select the disc drive that contains the card:



Select the binary files to be written onto the card:

IROM\_Fusing\_Tool for Helper2416 www.jyxtec.com

SD/MMC Drive:  Drive Size:

BootLoader(~536KB)-should u-boot-movi.bin for SD boot  
Image File:    
The image file will be fused from  to  on driver

Kernel(~4MB)  
Image File:    
The image file will be fused from  to  on driver

Specific Sector-should be root-qtopia.img for root file system  
Sector:  Image File:    
The image file will be fused from  to  on driver

Specific Sector-should be u-boot.bin for nand boot  
Sector:  Image File:    
The image file will be fused from  to  on driver

Note: The file „root-qtopia.img“ can have a version information in the file name e.g. : „root-qtopia-v3.1.img“.

## 2 Flash Firmware onto Device

1. Turn off the power of the device.
2. Insert Micro SD card into the slot.
3. Press and hold the button labeled "Boot SD".
4. Supply the device with power again.
5. After a few seconds, you can release the button.
6. Wait for the update process.

Tipp: If you leave a network port plugged in, you will see the end of the update and the subsequent reboot at the network communication.