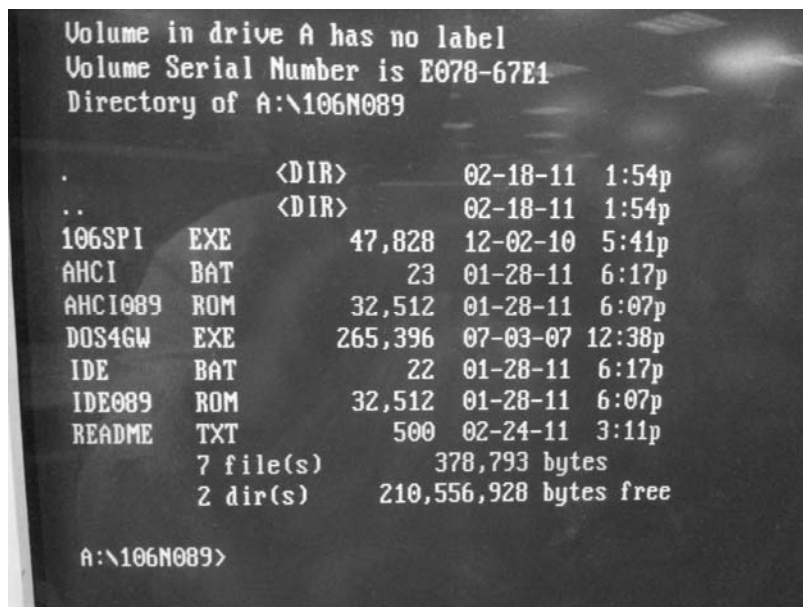


# Guide of DCS3A FW IDE/AHCI mode

The default mode of DCS3A is AHCI mode. Please follow the procedure below to update the card to IDE mode:

1. Download ROM.zip from BIOSTAR website (<http://www.biostar.com.tw>).
2. Unzip ROM.zip and copy all files to a bootable floppy disk (or a bootable USB drive).
3. Boot your system with the bootable device to DOS mode.
4. Go to the directory where the files are saved.

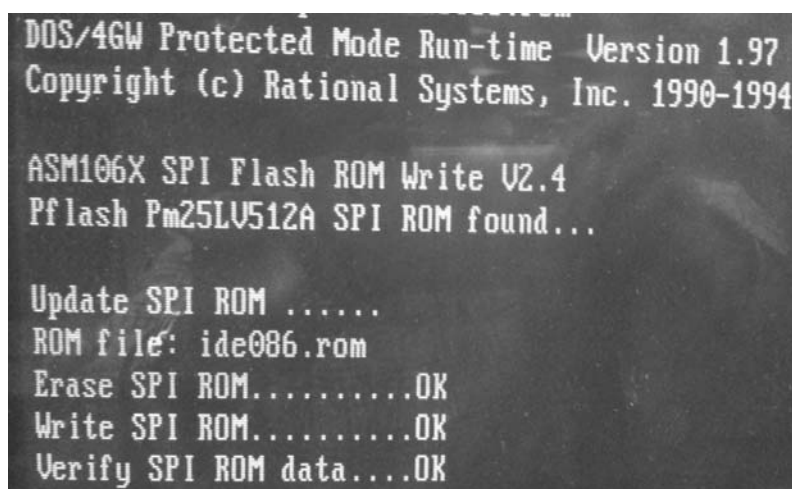


```
Volume in drive A has no label
Volume Serial Number is E078-67E1
Directory of A:\106N089

.                <DIR>                02-18-11  1:54p
..               <DIR>                02-18-11  1:54p
106SPI  EXE       47,828  12-02-10  5:41p
AHCI    BAT        23  01-28-11  6:17p
AHCI089 ROM      32,512  01-28-11  6:07p
DOS4GW  EXE     265,396  07-03-07 12:38p
IDE     BAT        22  01-28-11  6:17p
IDE089  ROM      32,512  01-28-11  6:07p
README  TXT         500  02-24-11  3:11p
       7 file(s)        378,793 bytes
       2 dir(s)     210,556,928 bytes free

A:\106N089>
```

5. Type “IDE.bat” and press [Enter]. The command will execute the updating process.



```
DOS/4GW Protected Mode Run-time Version 1.97
Copyright (c) Rational Systems, Inc. 1990-1994

ASM106X SPI Flash ROM Write V2.4
Pflash Pm25LU512A SPI ROM found...

Update SPI ROM .....
ROM file: ide086.rom
Erase SPI ROM.....OK
Write SPI ROM.....OK
Verify SPI ROM data....OK
```

**Note:** If you would like to use AHCI mode, please type “AHCI.bat” and press [Enter].



```
A:\106N089>ahci
A:\106N089>106spi -u ahci089.rom
DOS/4GW Protected Mode Run-time Version 1.97
Copyright (c) Rational Systems, Inc. 1990-1994

ASM106X SPI Flash ROM Write V2.4
Pflash Pm25LD512C SPI ROM found...

Update SPI ROM .....
ROM file: ahci089.rom
Erase SPI ROM.....OK
Write SPI ROM.....OK
Verify SPI ROM data....OK

A:\106N089>
A:\106N089>
```

6. After the process is done, reboot your system.

**Note:** If you had installed Operating System (Windows XP / Vista / 7) before changing mode (AHCI to IDE or IDE to AHCI), then the previous OS would be crashed. Therefore, it is not recommended to switch mode after installing OS.