

## FAQ / Application Note

### Subject : How to use Fprog utility reprogramming EMX-965GME AMI BIOS

FAQ Document No: S09005

Date: 2009/01/21

Model Name. EMX-965GME

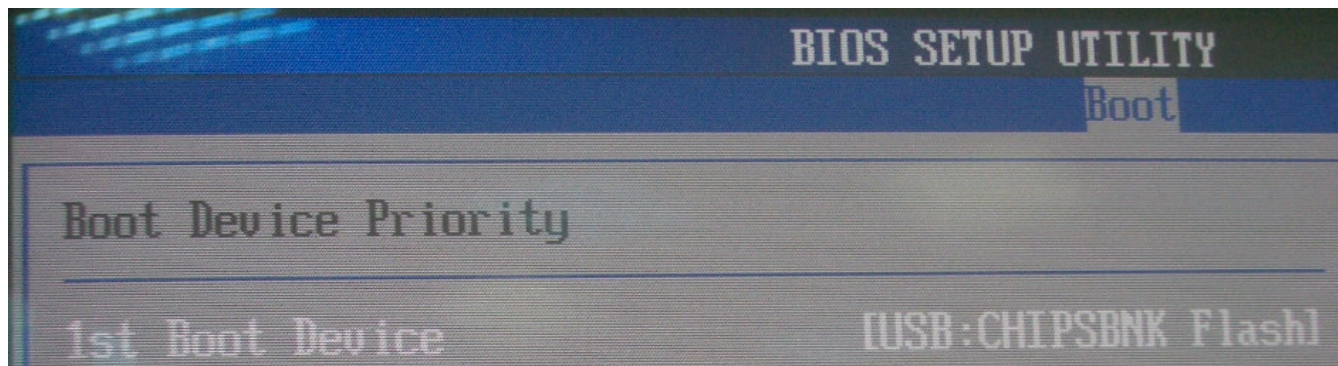
Rev. A1

Category: ☐General ☐H/W ☒S/W ☐Others, BIOS

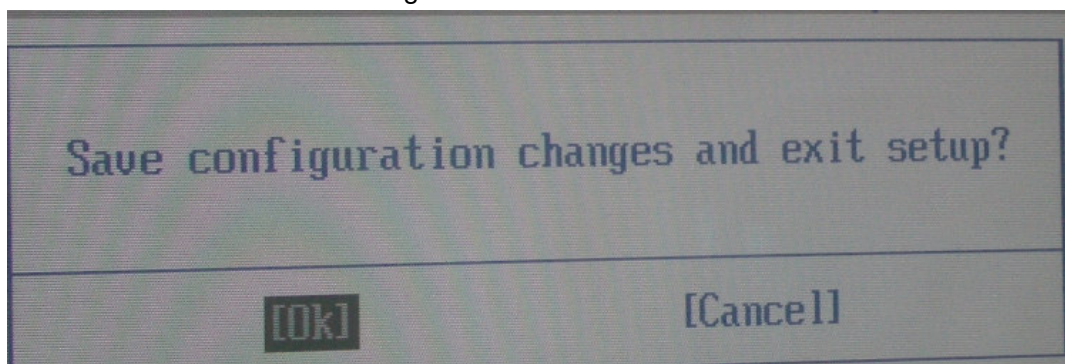
Purpose : How to reflash BIOS in EMX965GME.

Please setup as below step by step:

1. First prepare one boot USB flash.
2. Put Fprog utility file included Fprog.exe, fparts.txt and DOS4GW.EXE to the USB flash.
3. Put BIOS file xxxxx.FD to the USB flash.
4. Install the USB flash in EMX-965GME then power on.
5. Press "Delete" button into BIOS setup utility, Boot device priority 1<sup>st</sup> boot device to boot flash.



6. Save and exit the BIOS setting then reboot this board.



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7. Wait the board run to C:\>

```
Microsoft(R) Windows 98
(C)Copyright Microsoft Corp 1981-1999.

C:\>_
```

8. Use command C:\>FPROG/F XXXXX.FD (BIOS file name)

```
Microsoft(R) Windows 98
(C)Copyright Microsoft Corp 1981-1999.

C:\>FPROG/F 965G0109.FD_
```

```
Microsoft(R) Windows 98
(C)Copyright Microsoft Corp 1981-1999.

C:\>FPROG/F 965G0109.FD
DOS/4GW Protected Mode Run-time Version 1.97
Copyright (c) Rational Systems, Inc. 1990-1994

-----
Flash Programming Tool. Version 0.8.11

Reading file "fparts.txt" into memory...
Initializing SPI utilities
Reading HSFSTS register... Flash Descriptor: Valid

--- Flash Devices Found ---
SST25VF016B      ID:0xBF2541      Size: 2048KB (16384)
```

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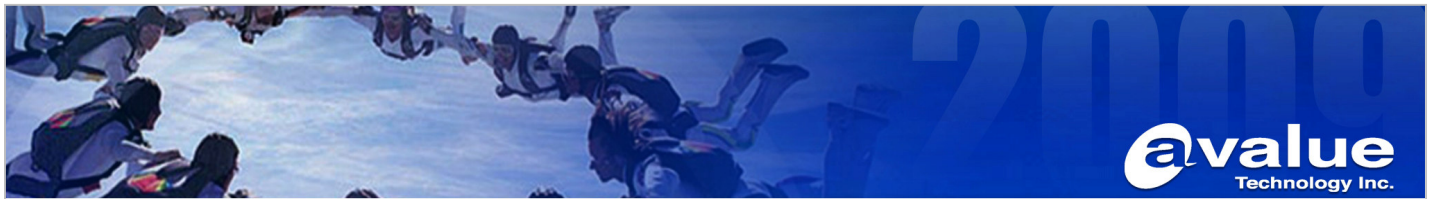
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9. Reprogram completed.

```
--- Flash Devices Found ---  
SST25VF016B      ID:0xBF2541      Size: 2048KB (16384Kb)  
  
Using software sequencing.  
Reading LPC BC register... 0x00000000  
BIOS space write protection is enabled  
Disabling BIOS space write protection  
Reading file "965G0109.FD" into memory...  
  
- Erasing Flash Block [0x200000]... - 100% complete.  
  
- Programming Flash [0x200000]... 2048KB of 2048KB - 100% complete.  
Write Complete  
  
C:\>
```

Please remember reboot the board and start next working procedure.

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