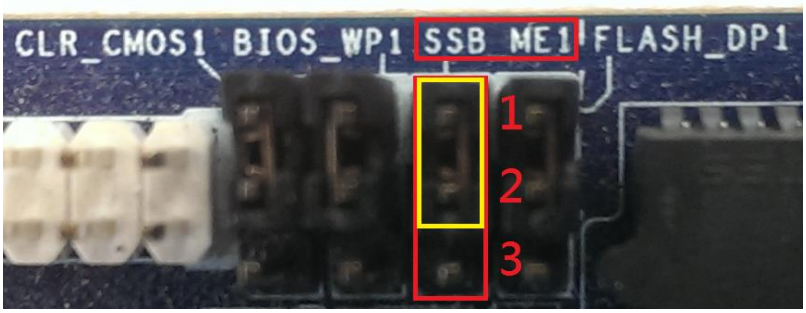
GIGABYTE BIOS Update SOP

Please select first below update situation.

1. F version BIOS update to R version BIOS.
2. (F version to F version) or (R version to R version) update BIOS.

1. F version BIOS update to R version BIOS:



- Please check first **SSB_ME1** Jumper keep **1-2** location.

We provided two kind of method to update BIOS for support V2 serial CPU.

Method A. Didn't need to move Jumper setting to finish flashing BIOS. (Easy Update)

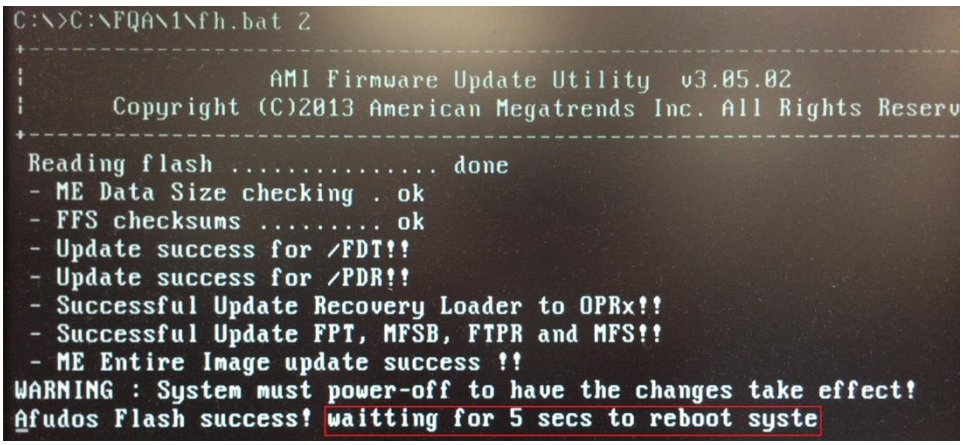
Method B. Need to move Jumper setting to finish flashing BIOS. (Fully Update)

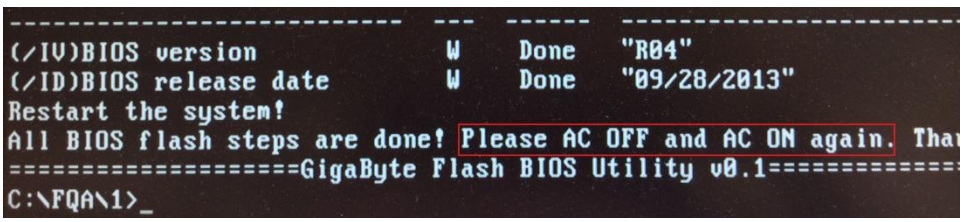
Note: The Method A. will not update SPI descriptor region.

A. Flash BIOS and Intel ME firmware.

Note: We will backup BIOS DMI information and copy to newly BIOS.

1. Boot to DOS.
2. Execute **FB 1**.(system will auto execute flash BIOS and ME)





3. Finished, Please **AC off** and AC on again.

B. Use FPT tool flash BIOS + ME firmware.

(Need move Jumper)

Note: We will backup BIOS DMI information and copy to newly BIOS.

1. Keep **AC off**.

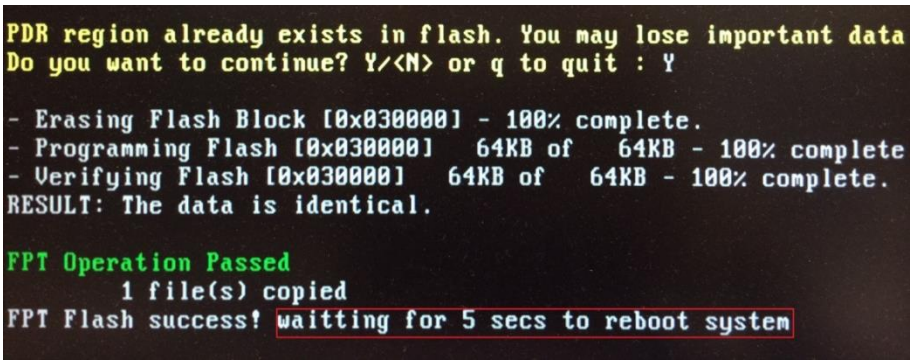
2. Please find **FLASH_DP1**.

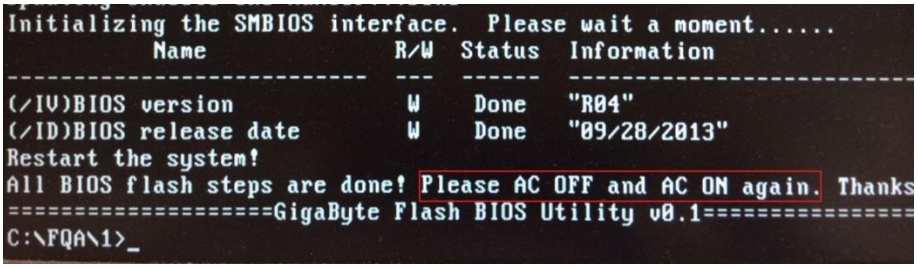
If you cannot find FLASH_DP1 jumper, please refer below jumper name list to find this jumper.

MB	JUMPER Update	MB	JUMPER Update
GA-6PXSV	SSB_ME1	GA-7PESH1	FLASH_DP1
GA-6PXSV1		GA-7PESH2	
GA-6PXSV2		GA-7PESH4	
GA-6PXSV3		GA-6LXSV	J_HDA_SDO1
GA-6PXSV4		GA-6LXSL	ME_UPDATE
GA-6PXSVT		GA-6LXSG	
GA-6PXSVL		7PPSP	
GA-7PESL		GA-6LXGH	
GA-7PESLN		GA-6LXGL	
GA-7PESLX		GA-6LISL	
GA-7PESH3		GA-6LPCE	
7PCSLX	SSB_ME2	GA-6LPCP	
7PCSLN		GA-6LASL	
7PCSLD		GA-6LASH	
7PESE3			

Jumper and move to **2-3** location.

3. Boot into DOS and execute **FB 2**.





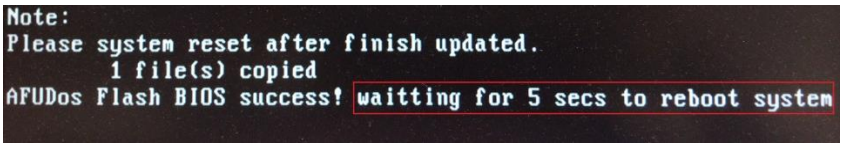
4. When flash finished. Please **AC off** and move Jumper back to **1-2** location.

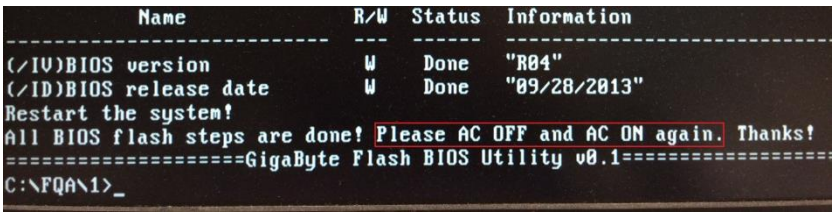
2. (F version to F version) or (R version to R version) update BIOS.

A. Flash BIOS only.

Note: We will backup BIOS DMI information and copy to newly BIOS.

1. Boot to DOS.
2. Execute **FB 3**.





3. Finished. Please **AC off** and AC on again.