

Flash Memory Program Guide

● For F206, F240, and F243

1. Open “MS-DOS Prompt” or “Command” window:

- 1.1. On Windows 98/ME system, click on “Start-> Programs → MS-Dos Prompt”;
- 1.2. On Windows 2000/XP system, click on “Start → Accessories → Command Prompt”.

2. In the “MS-DOS Prompt” or “Command Prompt” Window, change to cc\bin directory:

The default “cc\bin” directory is “C:\TIC2XX\cc\bin”. To change to this directory, type “cd C:\tic2xx\cc\bin” under the “C:” prompt:

```
C:>cd C:\tic2xx\cc\bin
```

3. flash.exe command format

```
flash -h -t [F206|F240|F243] -c [0|1] -e [0|1] file-name.out
```

(where “file-name.out” is the name of the program to be sent to the flash memory.)

-h to get flash.exe help

-t [F206|F240|F243] specify target CPU, for example, use “-t F206” for F206

-c [0|1] to Clear the flash, fill 0 in the designated programming space. to Clear blank 0, use -c 0, to Clear blank 1 use -c 1.

-e [0|1] to erase the flash, fill 1 in the designated programming space. to Erase blank 0, use -e 0, to Erase blank 1 use -e 1.

The option “-t” should always be included, except when “-h” is used.

Clear (-c), Erase (-e) and Programming must be done in separate steps.

4. Flash Programming Example(programming leds206.out into Blank 0 in F206)

4.1 Please configure CCS so it can correctly work with the target CPU;

4.2 Copy target program file (leds206.out) to the directory “C:\tic2xx\cc\bin”;

4.3 Clear: flash -t F206 -c 0

4.3 Erase: flash -t F206 -e 0

4.5 Programming: flash -t F206 leds206.out

Tip:

For your convenience, you can write a batch program such as the prg2xx.bat below:

```
flash -t F206 -c 0
```

```
flash -t F206 -e 0
```

```
flash -t F206 %1
```

If you need to program leds206.out into the Blank 0 in F206, all you have to do is to type “prg2xx leds206.out” and hit enter.

● For LF240X,F28X

Please visit TI's Flash Tools for TMS320C2000 ? Platform page :

<http://dspvillage.ti.com/docs/catalog/devtools/dsptoolslist.jhtml?familyId=110&toolTypeId=11&toolTypeFlagId=2&templateId=5121&pnavigationId=9104>

Or you can use the TI's Flash Tools from the CDROM 's "flash/ccs_plugin" folder directly