

Upgrade MFG to 6G expander

- (1) Use Chenbro's Expander download cable link PC's UART to 80H10323501A0 **JC1**
 - (2) Open terminal Program(e.g. Tera Term)
 - (3) Set Terminal to : Baud rate 115200, 8 bits data, none prity,1 stop bit
- Please refer photo 1-1

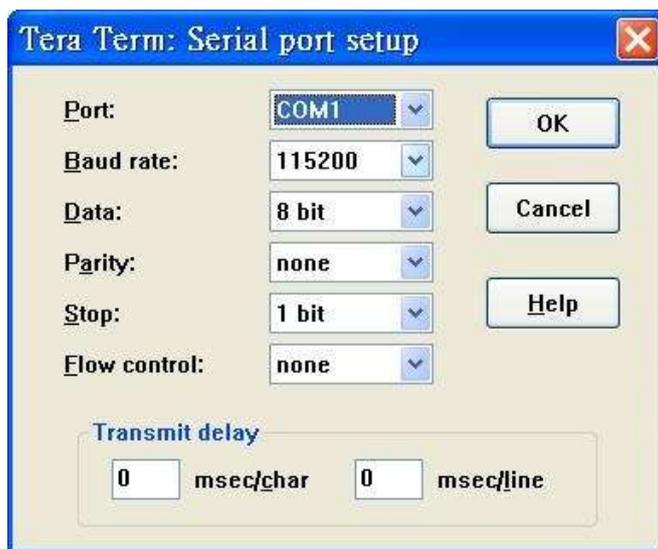


Photo 1-1

- (4) Power on Expander system see terminal screen as Photo 1-2

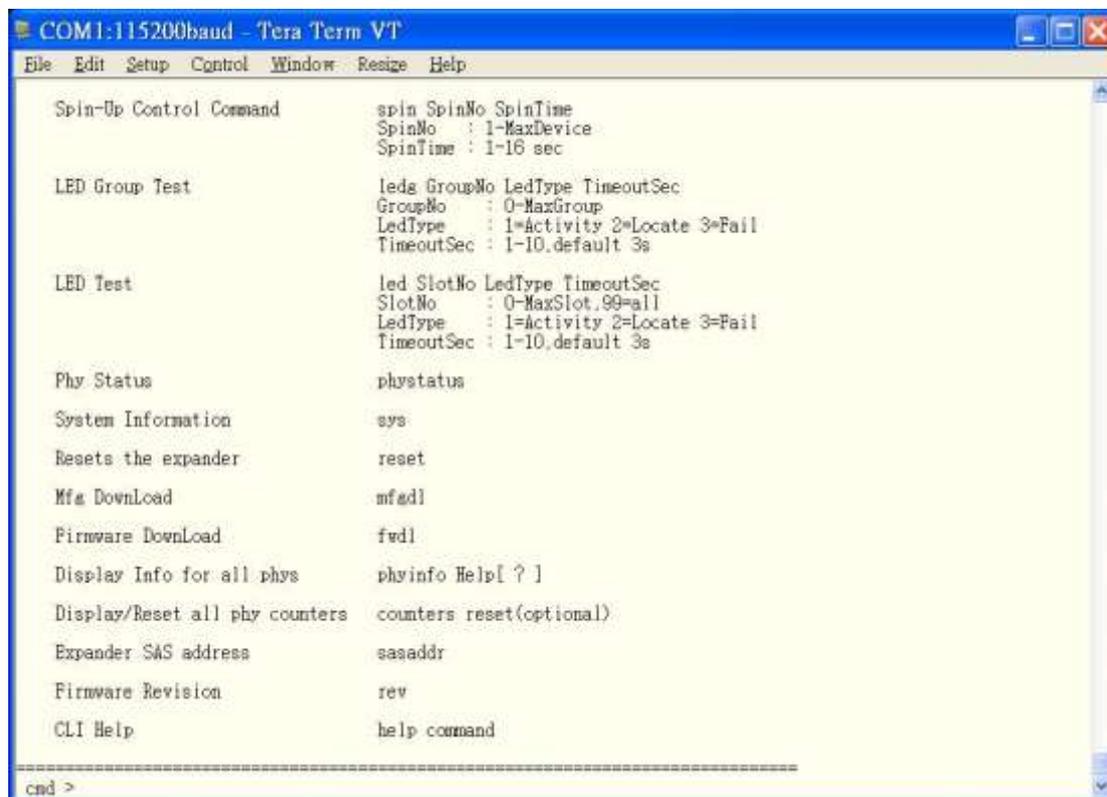


Photo 1-2

(5) Run MFG Image upgrade command ("mfgdl" and "y")

Please refer photo 1-3

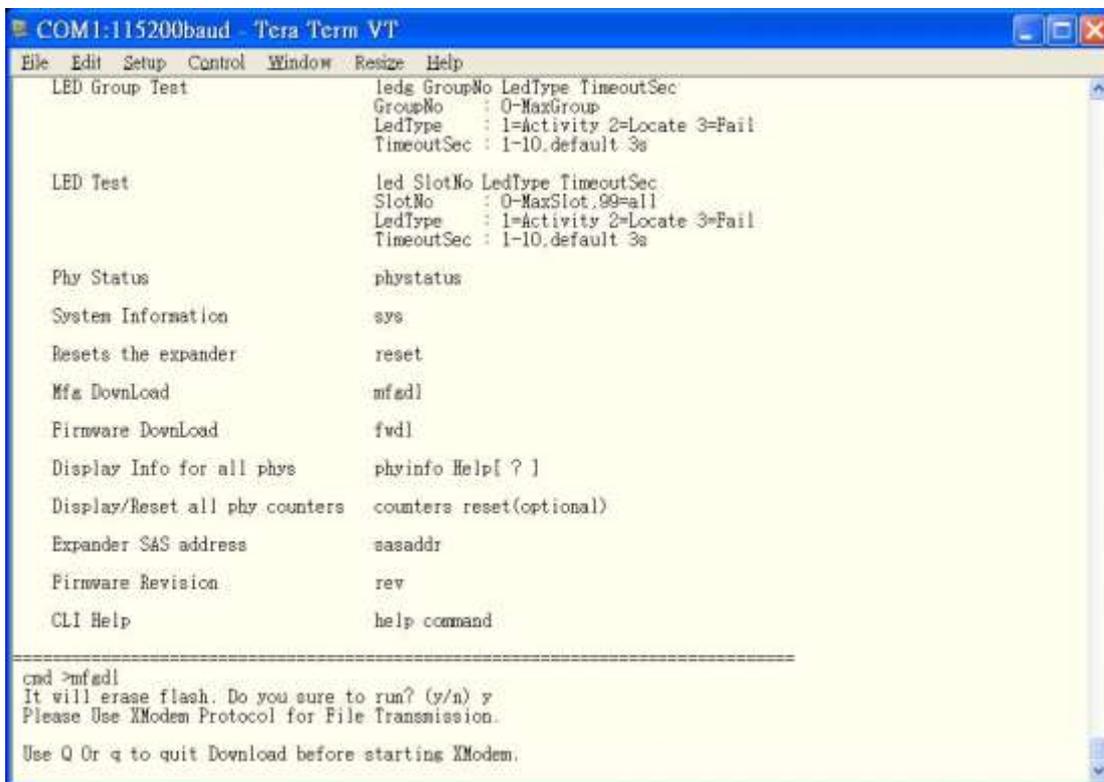


Photo 1-3

(6) Please use transfer → XMODEM → Send file, selection mfg code .bin

(bp28_12io_2in_80H10323501A0_v7_chenbro_21_1.bin)

Please refer photo 1-4, photo 1-5

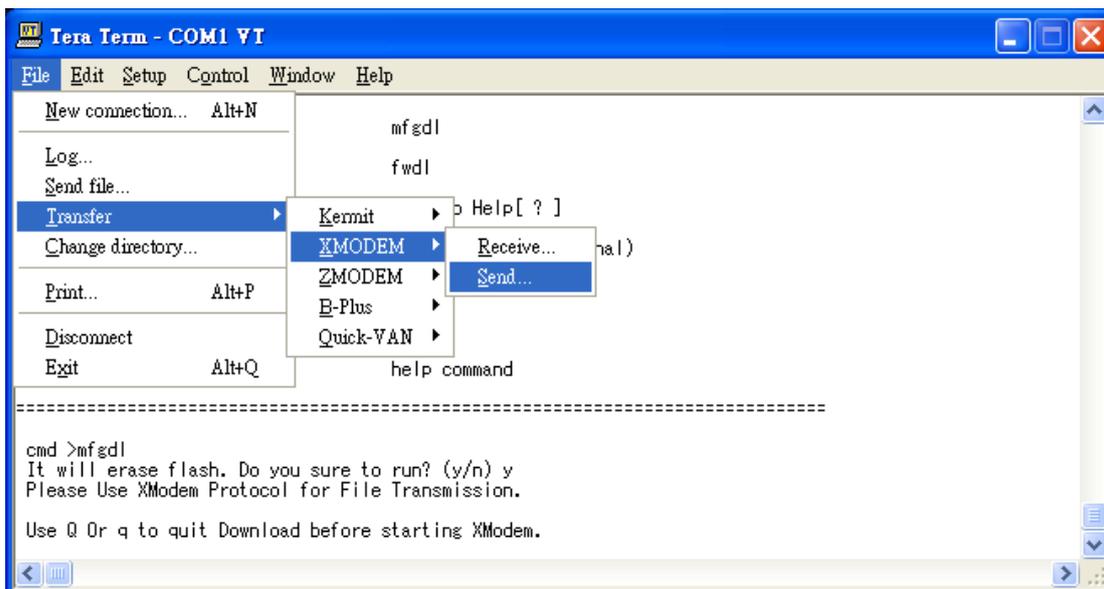


Photo 1-4

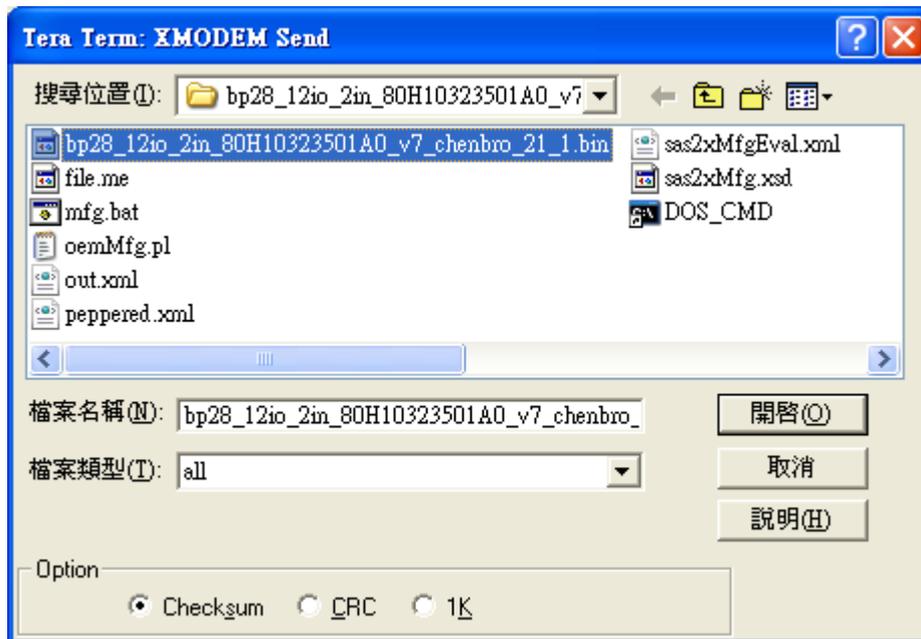
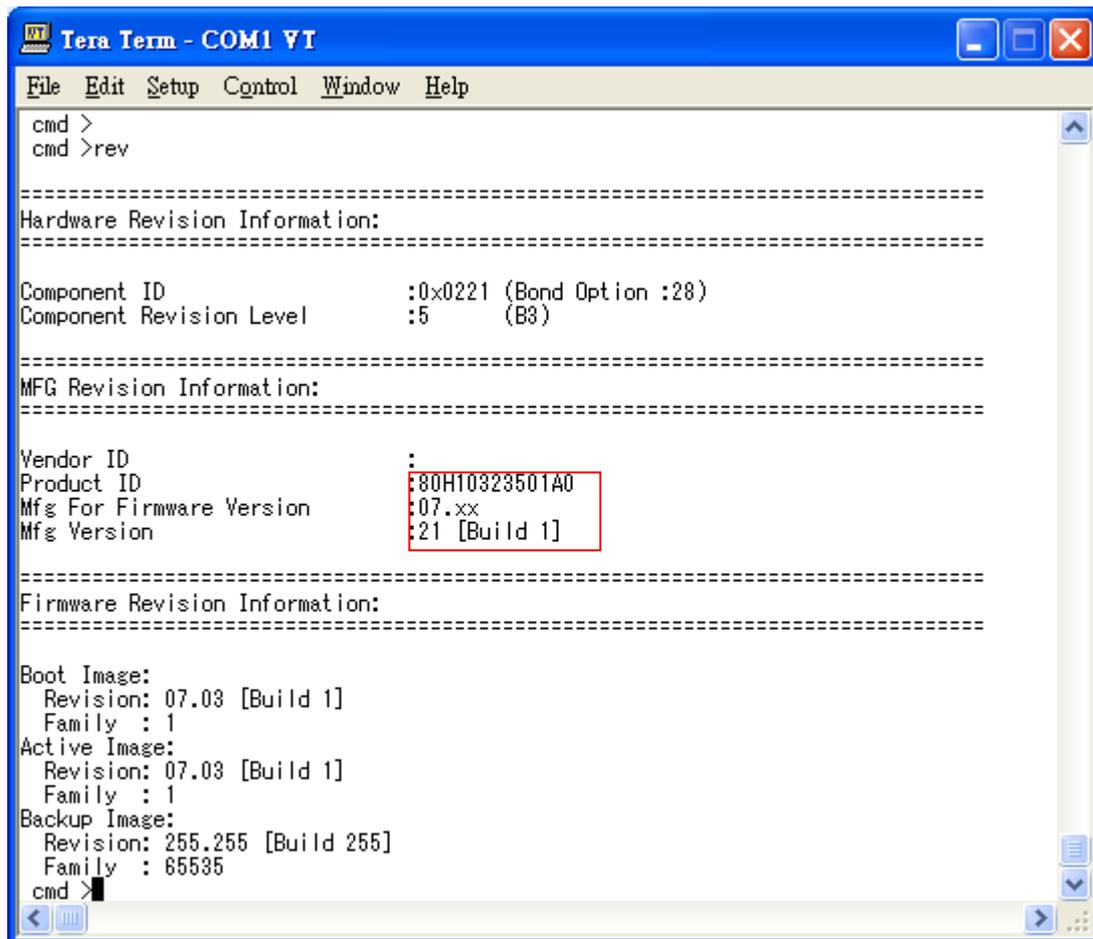


Photo 1-5

- (7) Use "**reset**" command reset expander system.
- (8) Use command "**rev**" verify MFG `s product ID and version (e.g.
- | | |
|--------------------------|------------------------|
| Product ID | : 80H10323501A0 |
| Mfg For Firmware Version | : 07.xx |
| Mfg Version | : 21 [Build 1] |

Please refer photo 1-6



The image shows a terminal window titled "Tera Term - COM1 VT". The window has a menu bar with "File", "Edit", "Setup", "Control", "Window", and "Help". The terminal content shows a command prompt where the user has entered "cmd >" and "cmd >rev". The output displays several sections of information separated by dashed lines:

```
cmd >
cmd >rev

=====
Hardware Revision Information:
=====

Component ID           :0x0221 (Bond Option :28)
Component Revision Level :5      (B3)

=====
MFG Revision Information:
=====

Vendor ID              :
Product ID             :80H10323501A0
Mfg For Firmware Version :07.xx
Mfg Version             :21 [Build 1]

=====
Firmware Revision Information:
=====

Boot Image:
  Revision: 07.03 [Build 1]
  Family : 1
Active Image:
  Revision: 07.03 [Build 1]
  Family : 1
Backup Image:
  Revision: 255.255 [Build 255]
  Family : 85535
cmd >
```

The values for "Product ID", "Mfg For Firmware Version", and "Mfg Version" are highlighted with a red rectangular box.

Photo 1-6