

Applications Note

Updating the Firmware on the 12005-PT16 Blade Module

Products Affected

Module Name	Part Number
QLogic 12005-PT16	12005-PT16

Introduction

This applications note describes how to update the firmware on the QLogic 12005-PT16 pass-through module.

Update the Firmware

When the current passthrough module's firmware is below the required minimum version, the firmware must be updated.

To update the firmware on the passthrough module:

1. Download the hex file from the QLogic Driver Downloads web site to a desired location on your PC.
 - a. Go to the QLogic web site <http://www.qlogic.com>
 - b. Select the **Downloads** tab.
 - c. In the QLogic Models table select **InfiniBand Switches**.
 - d. In the second column of the table select **QLogic 12000**.
 - e. Click **Go**.
 - f. Select **QLogic 12005 Pass-Thru Module** in the firmware table.
 - g. Read and click **Agree** to the End User Software License Agreement.
 - h. Click **Save** in the File Download dialog box.
 - i. Select where you want to save it on your PC and click **Save**.

2. Open the zip file and extract the files to where you want to save them on your PC.
3. Edit the Tera Term script file (example: D000174-000-A 12005_PT-16_insystem_update.ttl) and change the line that calls out `fn="c:\PassThrough.hex"` to point to the hex file you saved on your PC.
4. Log into the Chassis Management Controller (CMC) using Tera Term.
5. Type `connect switch-zz`
Where `zz` is the fabric (for example, B1,B2,C1 or C2).
6. At the prompt, start the Tera Term script by choosing `Control | Macro`.
The script scrolls a large amount of hex data, this could take 5–10 minutes. Do not close the Tera Term window during this time.
7. Upon completion, the script will automatically reboot the module.

NOTE:

Firmware updates must be completed separately for each module.

NOTE:

Some older versions of Tera Term do not support this script. Tera Term 4.62 or newer is recommended.

Document Revision History	
Revision A, July 14 2010	
Changes	
Initial release.	