



NetBurner

SB72 MONITOR RECOVERY PROCEDURE

Revision 1.1
June 1, 2004
Document Status: Released

SB72 MONITOR RECOVERY INSTRUCTIONS

1. Start **MTTTY** (Start → Programs → Netburner NNDK → Mttty Serial Terminal). **Note:** The baudrate for both MTTTY and the monitor **must** be set to 115200. Make sure that you have selected the **correct** COM port as well. Set the Parity to 0, the Data Bits to 8, and the Stop Bits to 1.
2. **Hard reset** your SB72 board by disconnecting power and then reconnecting power. Type an **A** (i.e. an uppercase A) when prompted, to enter the monitor (the first time - **before any traps occurs**). You should see the NetBurner prompt (i.e. **nb>**) in the MTTTY window.
3. Start the monitor download procedure by typing the letters **DL** (for download), then press the **Enter** key.
4. Send the **SB72-Ramload.s19** file to your SB72 board. This can be done either by pressing the **F5** key on your keyboard, or by clicking **Transfer** on the MTTTY menu toolbar, and then **Send** on the pull down menu. You will see "*****" characters in the MTTTY window indicating that this file is being downloaded into your SB72 board.
5. Once this program has been downloaded into SDRAM, type the word **go**, and then press the **Enter** key. You should see a '**G**' in the MTTTY window. (**Note:** If your baudrate is set to something other than 115200, then you will **not** see the '**G**', **but** you **should** change the baudrate to 115200 before going to Step 6.)
6. Next, send the **SB72-Rommon.s19** file to your SB72 board. This can be done either by pressing the **F5** key on your keyboard, or by clicking **Transfer** on the MTTTY menu toolbar, and then **Send** on the pull down menu. You will see "*****" in the MTTTY window indicating that this file is being downloaded into your SB72 board.
7. Your SB72 board should reprogram the monitor and reboot. **Note:** Your SB72 board will have lost **ALL** of its settings (including its MAC address). You will now need to reprogram the settings using the monitor's setup command (i.e. type the word **setup** at the nb prompt, then press the **Enter** key). Do **not** forget Selection number 8 to enable your SB72 board to boot to your application.
8. Finally, load a working application (we suggest the **SB72App_APP.s19** factory application) into your SB72 board. This can be done in MTTTY using the **FLA** command.

IMPORTANT: Your SB72 board will **not** function properly until you complete Step 5.