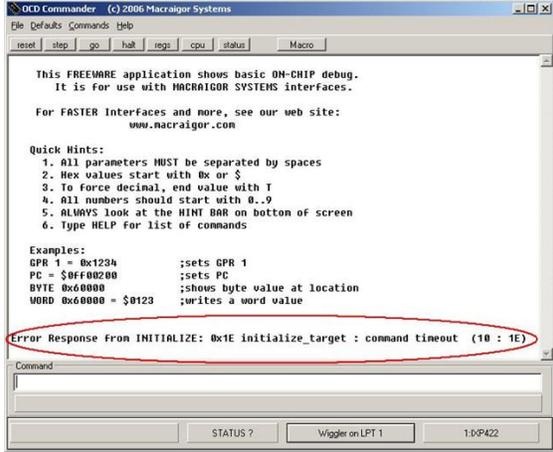
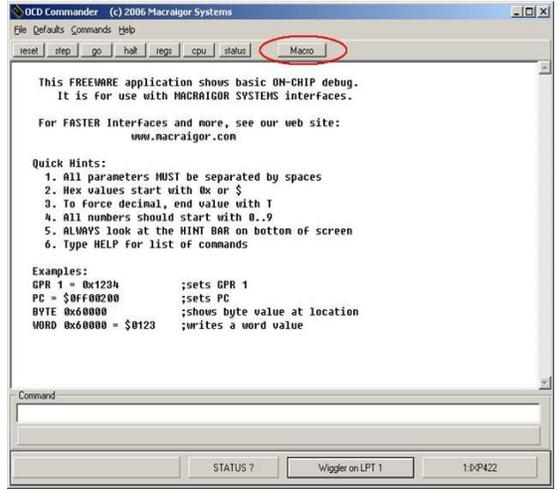
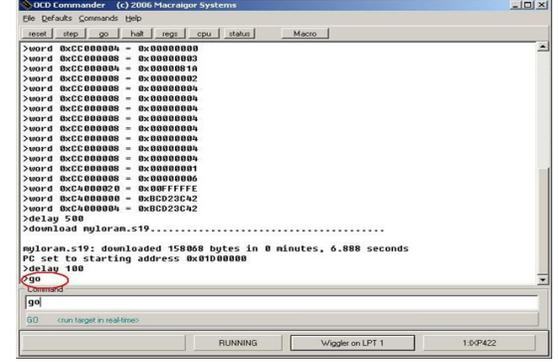


Complex R&D	Doc No: JTAG_V1.0
Description	How to JTAG back to Compex loader

Revision	Date	Description	Arranged By
1.0	18 th Dec 2008	Initial Release	Jojo

Preparation
<ol style="list-style-type: none"> 1. OCD Commander 2.5.4 2. upbios.tst (same for all the Compex device) 3. zMylo.bin (different device have different zMylo file) 4. myloram file and .mac file 5. put all the files into the same folder 6. JTAG cable

Steps	Picture
1. Install the OCD Commander to your PC	
2. Plug the JTAG cable to the JTAG port of the device	
3. Run OCD Commander program Set "Target Processor" for the particular device eg. WP18 – INTEL, IXP422 WP188 – INTEL, IXP422 WP54 – MIPS, EJTAG 2.5,32bit WP543 - MIPS, EJTAG 2.5,32bit Click OK.	
4. If there is an error message "Error response from INITIALIZE...", please check the JTAG cable connection. Close the OCD Commander program and restart Step 3.	 <p>The screenshot shows the 'OCD Commander' window with a menu bar (File, Defaults, Commands, Help) and a toolbar (reset, step, go, halt, step, cpu, status, Macro). The main text area contains instructions and a list of quick hints. At the bottom, a red oval highlights the error message: "Error Response From INITIALIZE: 0x1E initialize_target : command timeout (10 : 1E)". Below the text area is a 'Command' input field and buttons for 'STATUS?', 'Wiggler on LPT:1', and '1:IXP422'.</p>
5. If there is no error message, you may proceed.	

<p>6.</p>	<p>Click on the “Macro” button and select the .mac file.</p> <p>Click OK.</p>	 <p>The screenshot shows the OCD Commander interface with the 'Macro' button in the top menu bar highlighted by a red circle. The main window contains text about the software's purpose and quick hints.</p>
<p>7.</p>	<p>The process will run until you see “go”</p>	 <p>The screenshot shows the OCD Commander interface with a list of memory addresses and values. The 'go' button in the command area is highlighted with a red circle. The status bar at the bottom indicates 'RUNNING'.</p>
<p>8.</p>	<p>Open command prompt. Tftp upbios.tst file tftp zMylo.bin file(please observe the DIAG LED will be off later on)</p>	<p>Command: tftp -i 192.168.168.1 put upbios.tst tftp -i 192.168.168.1 put zMylo.bin</p> <p>Tip: Try to ping before tftp. Some board like WP188 have 1 or 2 Ethernet port. Some file only support one of the Ethernet port.</p>
<p>9.</p>	<p>If either of the file fail to be load during tftp, please close the OCD Commander program and restart step 3.</p>	
<p>10.</p>	<p>Power off the device and unplug JTAG cable.</p>	
<p>11.</p>	<p>Power on the device and tftp the firmware into the device.</p>	
<p>12.</p>	<p>Reboot when done.</p>	

FAQ's

- 1.