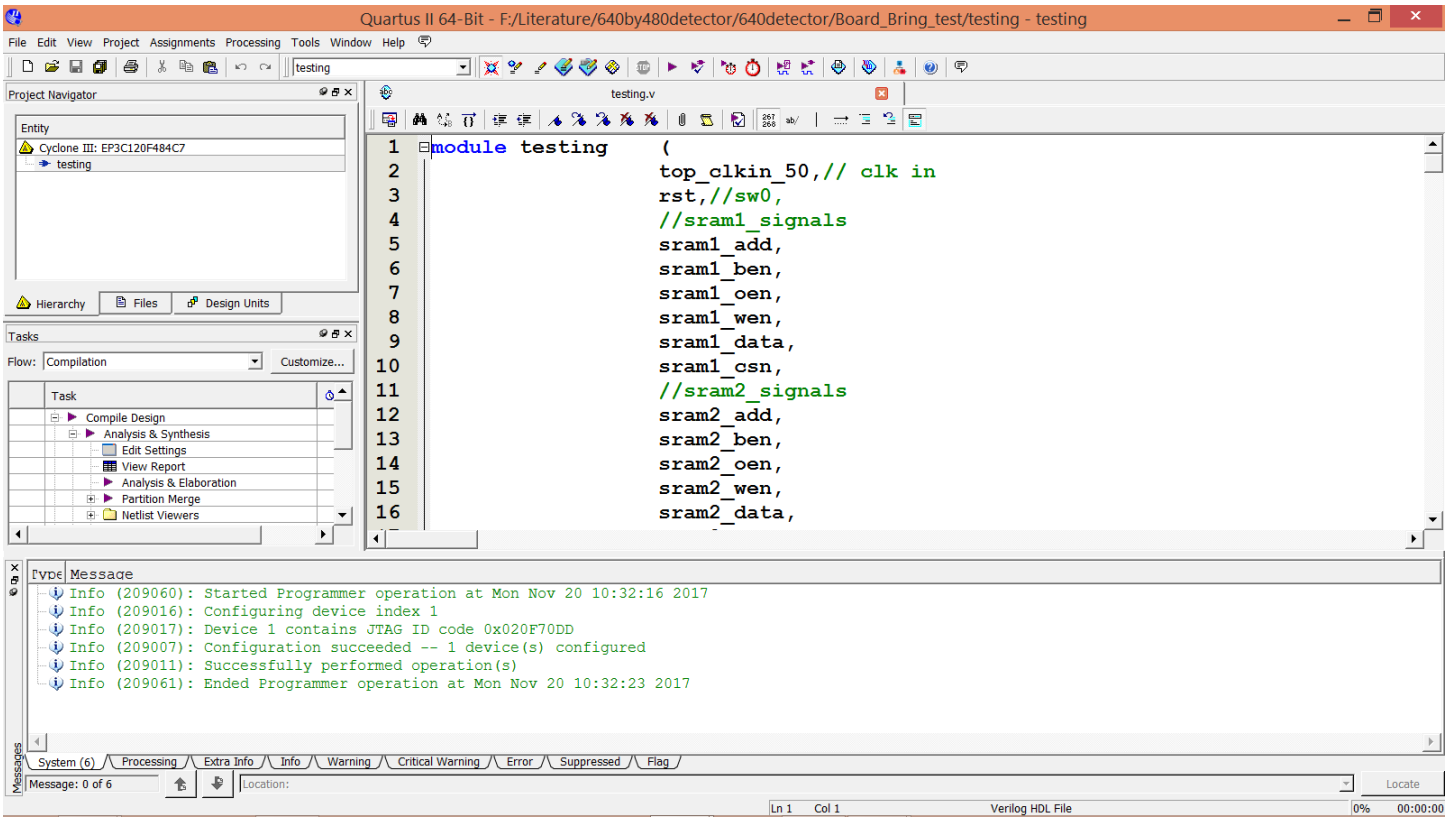
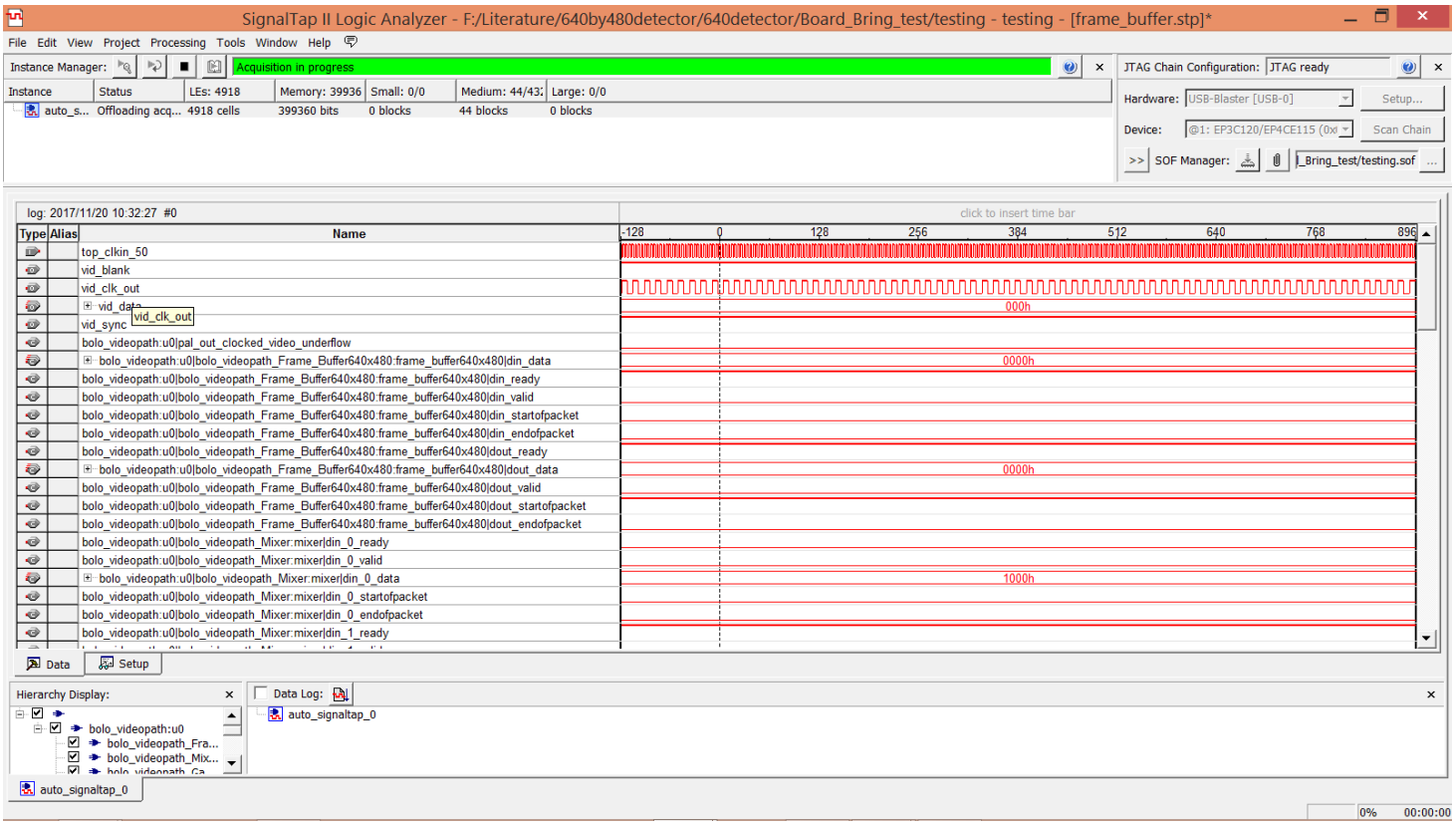
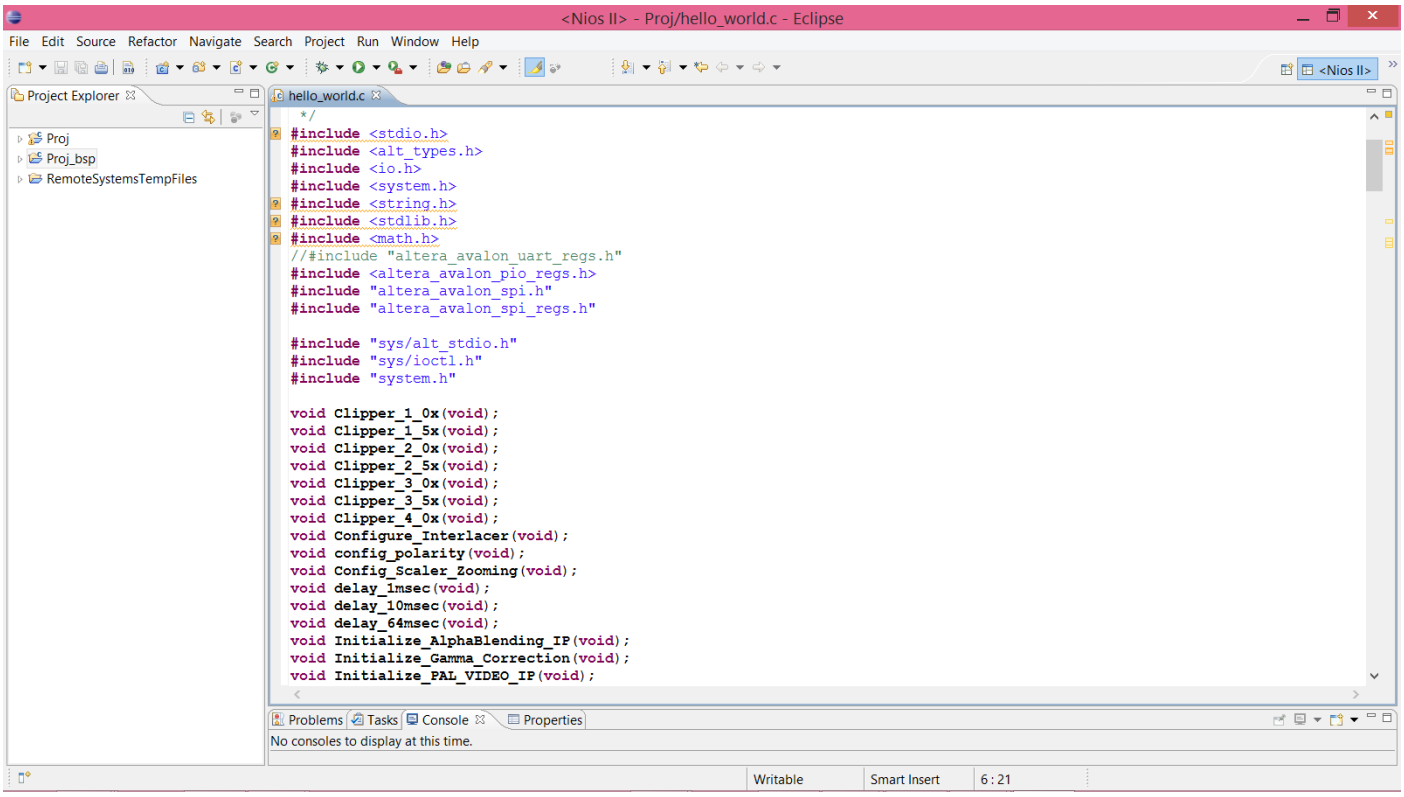
Quartus 11.1sp2 Subscription edition (status: working)

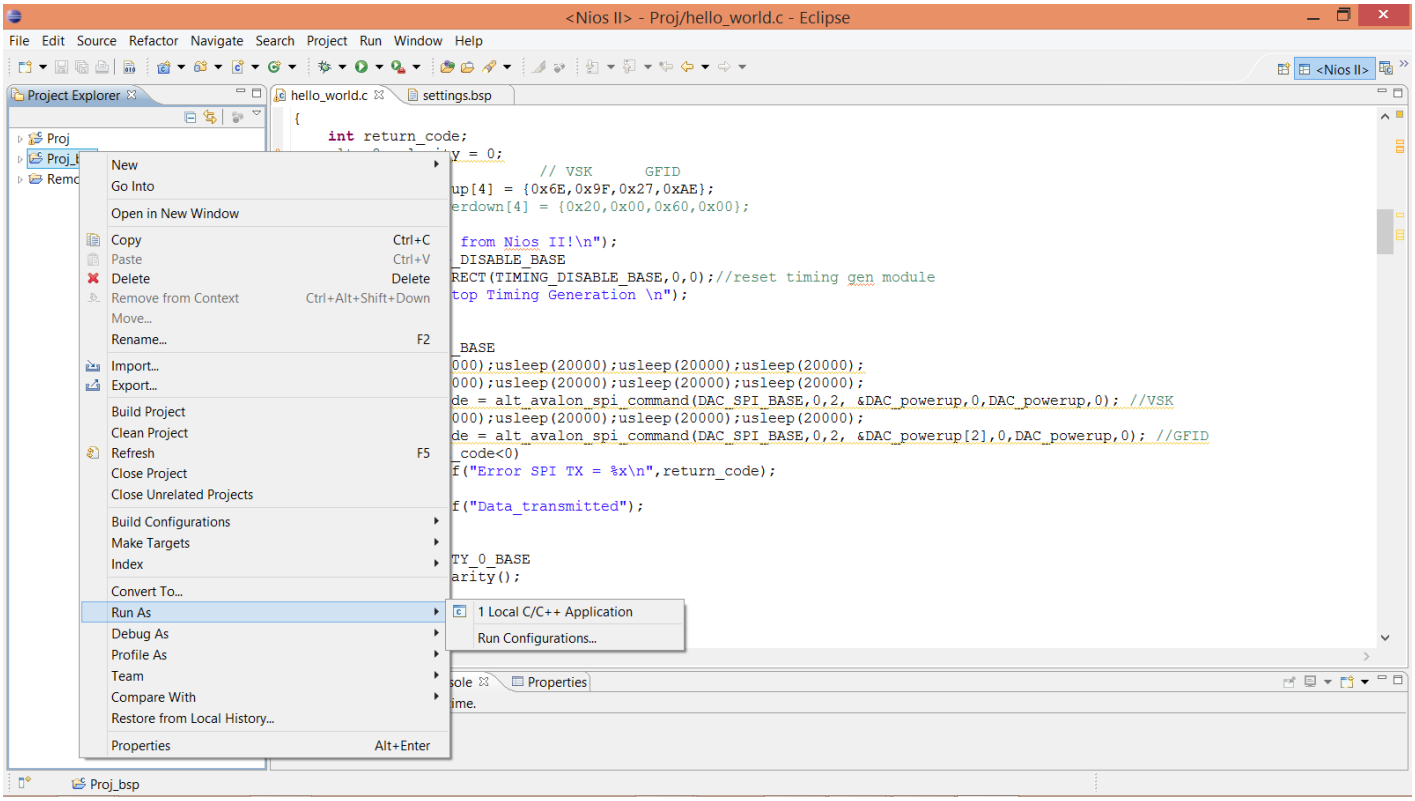


Signaltap in Quartus 11.1sp2 subscription edition (status: working)

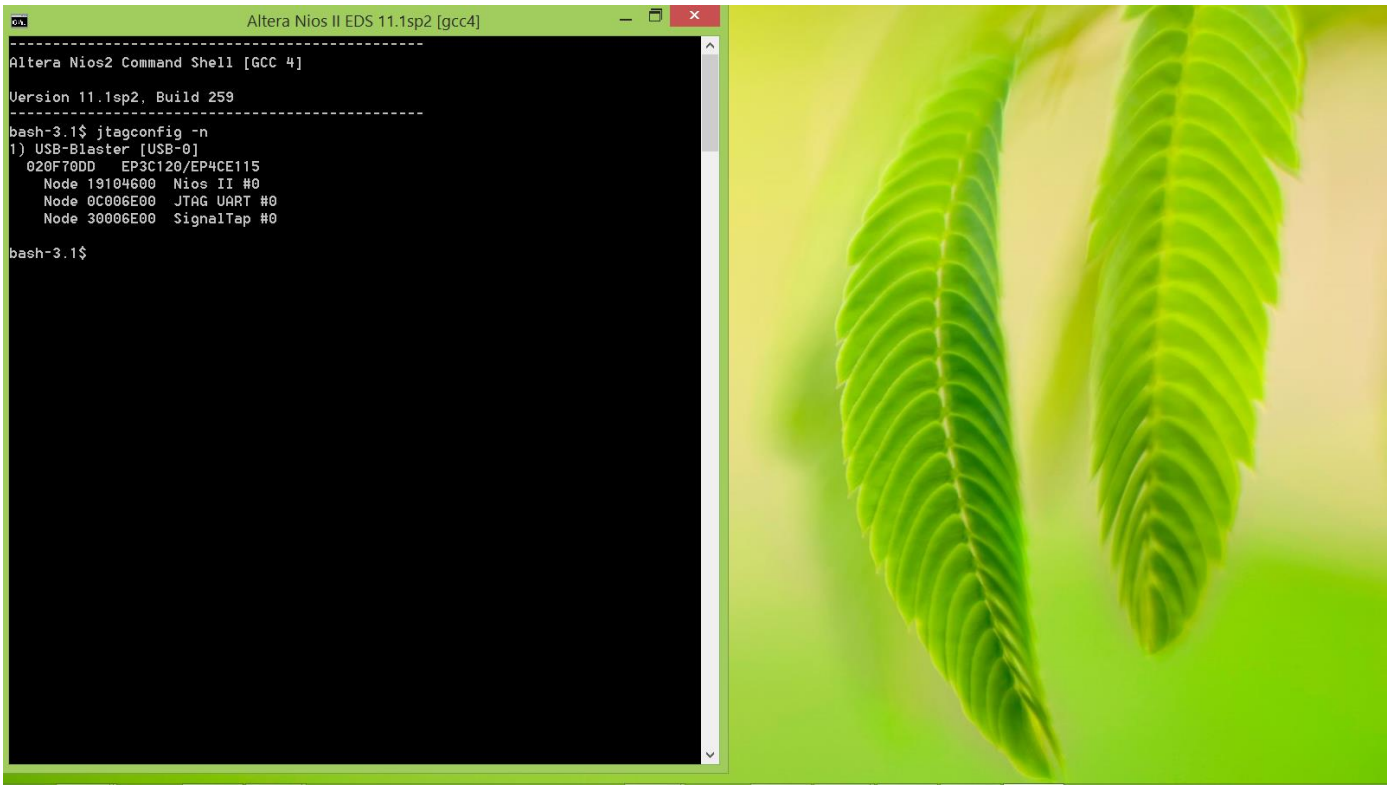


NiosII 11.1sp2 in Quartus 11.1 Subscription edition (status: not working)

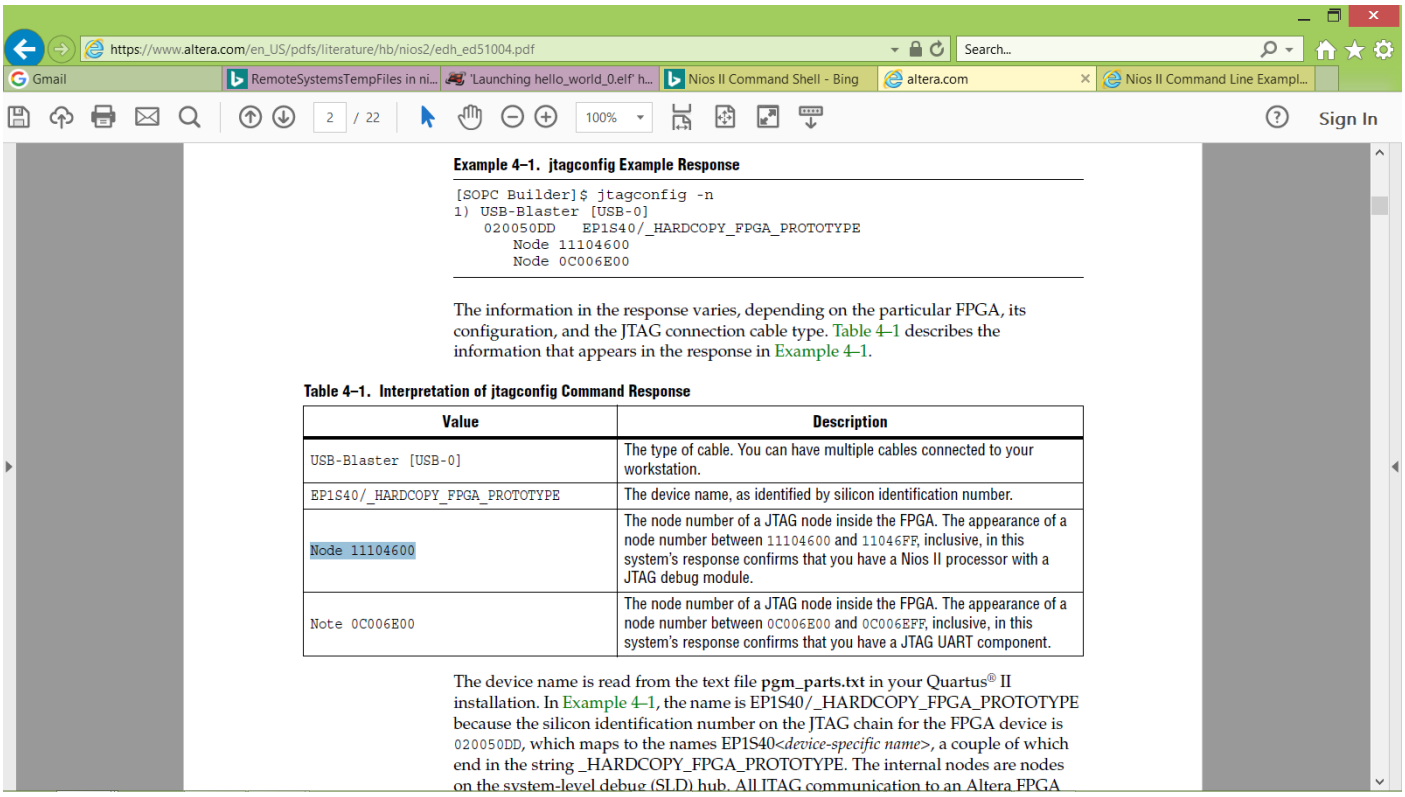




NiosII 11.1sp2 Command Shell (jtagconfig command)



jtagconfig –n command



Example 4–1. jtagconfig Example Response

```
[SOPC Builder]$ jtagconfig -n
1) USB-Blaster [USB-0]
   020050DD   EP1S40/_HARDCOPY_FPGA_PROTOTYPE
      Node 11104600
      Node 0C006E00
```

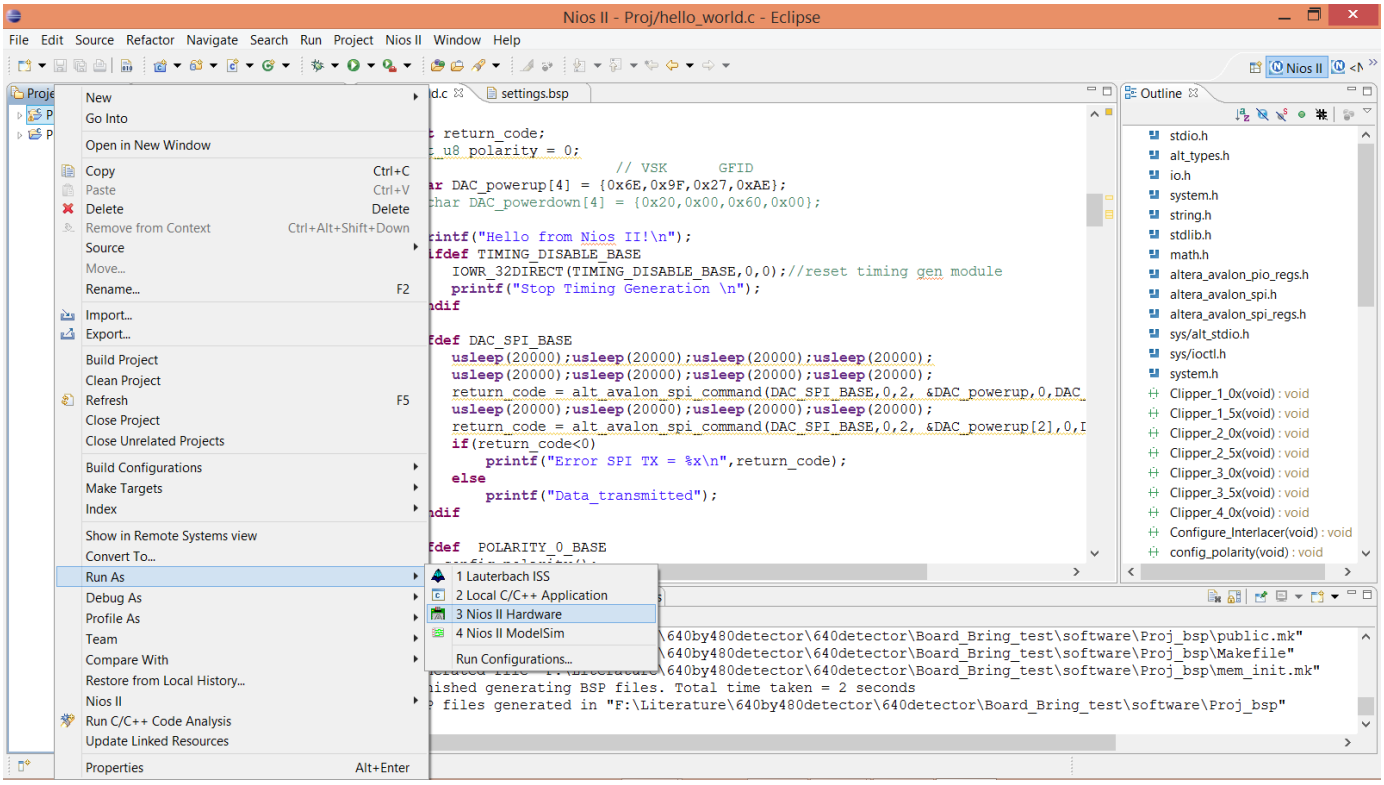
The information in the response varies, depending on the particular FPGA, its configuration, and the JTAG connection cable type. Table 4–1 describes the information that appears in the response in Example 4–1.

Table 4–1. Interpretation of jtagconfig Command Response

Value	Description
USB-Blaster [USB-0]	The type of cable. You can have multiple cables connected to your workstation.
EP1S40/_HARDCOPY_FPGA_PROTOTYPE	The device name, as identified by silicon identification number.
Node 11104600	The node number of a JTAG node inside the FPGA. The appearance of a node number between 11104600 and 11046FF, inclusive, in this system's response confirms that you have a Nios II processor with a JTAG debug module.
Note 0C006E00	The node number of a JTAG node inside the FPGA. The appearance of a node number between 0C006E00 and 0C006EFF, inclusive, in this system's response confirms that you have a JTAG UART component.

The device name is read from the text file pgm_parts.txt in your Quartus® II installation. In Example 4–1, the name is EP1S40/_HARDCOPY_FPGA_PROTOTYPE because the silicon identification number on the JTAG chain for the FPGA device is 020050DD, which maps to the names EP1S40<*device-specific name*>, a couple of which end in the string _HARDCOPY_FPGA_PROTOTYPE. The internal nodes are nodes on the system-level debug (SLD) hub. All JTAG communication to an Altera FPGA

NiosII 13.0 in Quartus 13.0 Free edition (status: working)



NiosII 13.0 Command Shell (jtagconfig command)