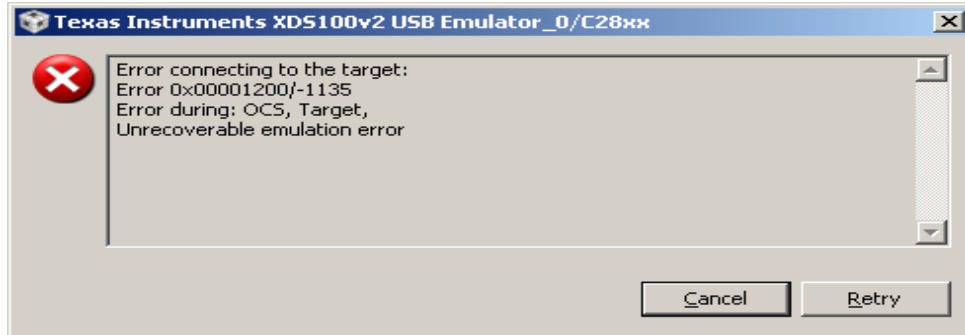
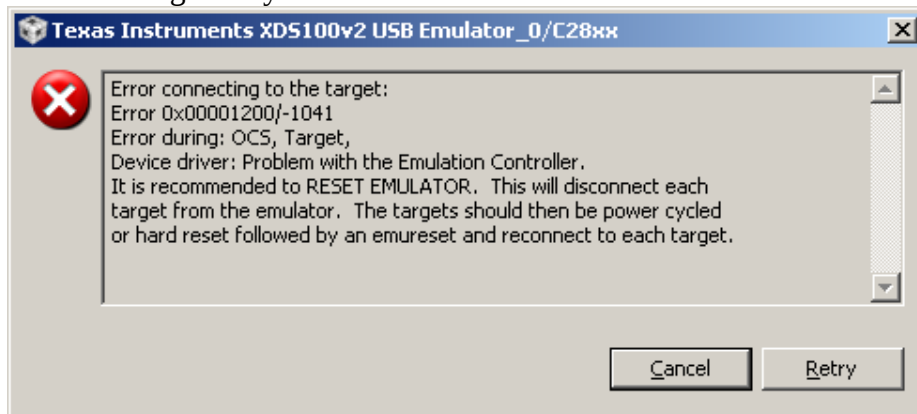


I am trying to connect to an TMS320F2812 with an XDS100v2 emulator. After starting CCS v4.1.1, I click "debug" and I get:

1. Screenshot of error message
After clicking connect Target



After clicking "Retry"



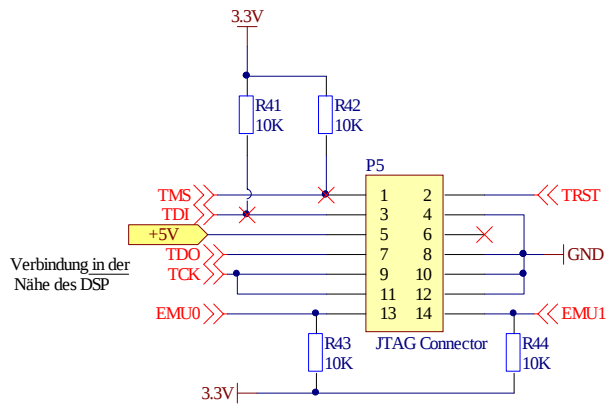
2. CCS Version: **Version: 4.1.1.00014**
3. CCS Installation directory: **C:\Programme\Texas Instruments**
4. Setup Configuration .CCXML file for configuration being used (found in the "<user name>\user\CCSTargetConfigurations" directory):

```
<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<configurations XML_version="1.2" id="configurations_0">
<configuration XML_version="1.2" id="Texas Instruments XDS100v2 USB
Emulator_0">
  <instance XML_version="1.2" desc="Texas Instruments XDS100v2 USB
Emulator_0" href="connections\TIXDS100v2_Connection.xml" id="Texas Instruments
XDS100v2 USB Emulator_0" xml="TIXDS100v2_Connection.xml"
xmlpath="connections"/>
  <connection XML_version="1.2" id="Texas Instruments XDS100v2 USB Emulator_0">
<instance XML_version="1.2" href="drivers\tixds100v2c28x.xml" id="drivers"
xml="tixds100v2c28x.xml" xmlpath="drivers"/>
<platform XML_version="1.2" id="platform_0">
<instance XML_version="1.2" desc="TMS320F2812_0" href="Devices\f2812.xml"
id="TMS320F2812_0" xml="f2812.xml"
xmlpath="Devices"/></platform></connection></configuration></configurations>
```

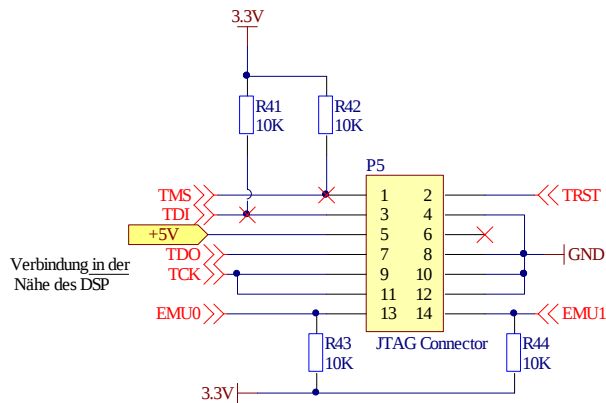
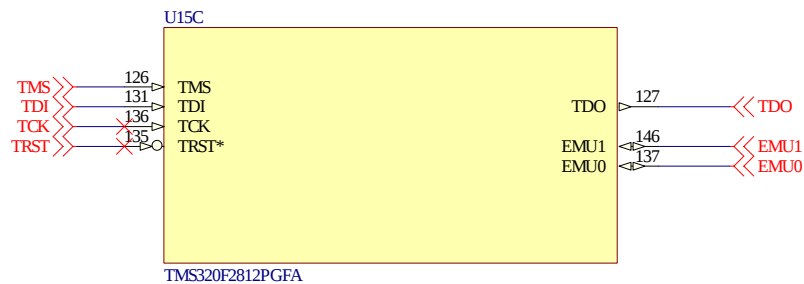
5. Setup Configuration ccBoard0.dat file (found in \\ccsv4\\DebugServer\\bin\\win32\\BrdDat)(Please make sure it is saved after failure.) (optional):

```
# config version=3.5
$ sepk
  pod_drvr=jioserdesusb.dll
  pod_port=0
$ /
$ product
  title="Texas Instruments XDS100v2 USB"
  alias=TI_XDS100v2_USB
  name=FTDI_FT2232
$ /
$ ftdi_ft2232
  usb_vid=0x0403
  usb_pid=0xa6d0
  gpio_l0="TRSTn,Active_Low"
  gpio_l1="EMU_Pin_Enable,Active_Low"
  gpio_l2="EMU_Pin_0,Active_Low"
  gpio_l3="Adaptive_Clock,Active_High"
  gpio_h0="SRSTn,Active_High"
  gpio_h1="SRSTn_In,Active_Low"
  gpio_h2="Power_Loss_Detect,Active_Low"
  gpio_h3="Power_Loss_Reset,Active_High"
  gpio_h4="EMU_Pin_1,Active_Low"
  gpio_h5="Cable_Disconnect,Active_High"
  gpio_h6="Loopback,Active_High"
$ /
$ uscif
  tdoedge=FALL
  jtagboot_mode=disable
  jtagboot_value=hiz
  powerboot_mode=disable
  powerboot_value=hiz
  tclk_program=SPECIFIC
  tclk_frequency=1.0
  loopback_mode=disable
  loopback_value=disable
$ /
@ c28xx family=tms320c28xx
# /
```

6. Any GEL files used for each CPU (optional, mandatory if customized by user):
Standard: **f2812.gel**
7. Chip Part Number and revision: **TMS320F2812GFQ CG-6BA26VW G4**
8. Target Board Manufacturer: NA
9. Target board part #: NA
10. Target board revision #: NA
11. Target connector used (ex: 14 pin TI JTAG):



12. If customer board, please provide schematic, chips in the scan chain for the JTAG scan chain (up to and including resistors, FETS, etc. that are in the scan chain):



13. Picture of target board (optional):

14. Host Operating System: **WINDOWS XP**

15. Host Operating System Version: **2002**

16. Host Operating System Service pack: **SP3**

17. Host Operating System bits (32-bit or 64-bit) **32-bit**

18. Emulator Board Manufacturer: **Olimex**

19. Emulator model # (ex: XDS560): **XDS100**

20. Emulator connector used (ex: 14 pin TI JTAG): **14 pin JTAG**

2. CCS Diagnostic Logs (as described [Troubleshooting CCS#CCS Diagnostic Logs](#)):

C28xx: GEL: Warning loading file 'C:\Programme\Texas Instruments\ccsv4\emulation\gel\f2812.gel', line 103: the function 'GEL_OpenWindow' is not supported.
C28xx: GEL: Warning loading file 'C:\Programme\Texas Instruments\ccsv4\emulation\gel\f2812.gel', line 112: the function 'GEL_CloseWindow' is not supported.
C28xx: Error connecting to the target: Error 0x00001200/-1135 Error during: OCS, Target, Unrecoverable emulation error

C28xx: Error connecting to the target: Error 0x00001200/-1041 Error during: OCS, Target, Device driver: Problem with the Emulation Controller. It is recommended to RESET EMULATOR. This will disconnect each target from the emulator. The targets should then be power cycled or hard reset followed by an emureset and reconnect to each target.