

CCS Debug - C:\Users\Administrator.ZGC-20110223FDV\user\CCSTargetConfigurations\F28035.ccxml - Code Composer Studio

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Project Explorer

- SolarExplorer_PVInverter_F280
 - Binaries
 - Includes
 - ~Docs
 - F2803x_FLASH
 - src commros
 - ADC_SOC_Cnf.c
 - DSP2803x_CodeStartBranch
 - DSP2803x_GlobalVariableD
 - DSP2803x-Headers_nonBIC
 - DSP2803x_usDelay.asm
 - F28035_FLASH_SolarExplore
 - PWM_1ch_UpDwnCntComp
 - SolarExplorer-DevInit_F280
 - SolarExplorer-DPL-ISR.asm
 - SolarExplorer-Includes.h
 - SolarExplorer-Main.c
 - SolarExplorer-Settings.h
 - Util_DLOG4CHC.asm
 - C28x_SGEN_Lib_fixed.lib
 - commros_28xx_c_regular.lib
 - graph1.graphProp
 - graph2.graphProp
 - IQmath.lib
 - macros.ini_initial

Debug

- F28035.ccxml [Code Composer Studio - Device Debugging]
 - Texas Instruments XDS100v2 USB Emulator_0/C28xx (Suspended)
 - 0x3FF8A1 (no symbols are defined for 0x3FF8A1)
 - Texas Instruments XDS100v2 USB Emulator_0/CLA_0 (Suspended)
 - 0x00009000 (no symbols are defined for 0x00009000)

Variables Expressions Registers

Name	Type	Value	Location

F28035.ccxml

Basic

General Setup

This section describes the general configuration about the target.

Connection: Texas Instruments XDS100v2 USB Emulator

Board or Device: type filter text

- ☐ Developer's Kit - Dual Motor Control and PFC (F28035)
- ☐ Developer's Kit - Motor Control and PFC (F28035)
- ☐ Developer's Kit - Resonant DC/DC (F2808)
- ☐ EVMDMRX45X
- ☐ Experimenter's Kit - Delfino F28335
- ☐ Experimenter's Kit - F2808
- ☐ Experimenter's Kit - Piccolo F28027

Advanced Setup

Target Configuration: lists the configuration options for the target.

Save Configuration

Save

Test Connection

To test a connection, all changes must have been saved, the configuration file contains no errors and the connection type supports this function.

Test Connection

Console

F28035.ccxml

```
CLA_0: Trouble Reading Register PC: (Error -1001 @ 0x0) Requested operation is not supported on this device. (Emulation package 5.1.232.0)
CLA_0: Can't Run Target CPU: (Error -2060 @ 0x0) Requested operation cannot be done while device is running. Halt the device, and retry the operation. (Emulation package 5.1.232.0)
```

Problems

0 errors, 2 warnings, 0 others

Description

- Warnings (2 items)
 - build attribute vendor section TI missing in
 - This project was created using a version of compiler that is not currently installed: 5.2.6 [C2000]. An

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C2000 Solar Explorer Texas Instruments

File Connection Help

TEXAS INSTRUMENTS C2000 Solar Explorer

0 0.1 0.2 0.3 0.4 0.5

<Value>

Power Generation Monitoring

Panel Voltage	Vpv	Volts
Panel Current	Ipv	Amps
Boost Voltage	Vbst	Volts
Panel Power	Ppv	Watts
Power Theoretical	Ppv	Watts

Power Status

Photovoltaic Panel (Emulated on the Solar Explorer Board using DC-DC stage)

DC-DC Boost With MPPT

Disconnected Updates: OFF QValue: 24

Connection wizard

Connection

To connect using a previously configured connection, select the Recent connections tab and select from the list of previous connection. To configure a new connection, enter the IP address or host name and port number of the computer running the Crosshairs [engine], then connect to the engine by clicking the engine connection button. Then select the desired target, transport and connection method, and alternatively adjust any connection method properties.

New connection Recent connections (1)

Engine connection

Host name or IP address: 127.0.0.1 Port number: 60000 ☐ Remote connection

Username: Password: ☐ Connection authentication

Disconnect from engine Refresh properties

Targets

- Piccolo 28020
- Piccolo 280200
- Piccolo 28021
- Piccolo 28022
- Piccolo 28023
- Piccolo 28026
- Piccolo 28027

Transports and Connection Methods

- Commros Transport
 - Serial
 - Ethernet

Connection Method Properties

Name	Description	Value
IQmath value	Default value f	24
Port	Serial port iden	COM4
Baudrate	Serial port bau	115200
Flow control	Serial port flow	None
Parity	Serial port pari	None
Stop bits	Number of stop	1
Character size	Serial port char	8
Update time	Default update	250
Event-based c	Enables or disa	true

Connection failed

Unable to connect to the selected target, please verify that the target is available and ready to receive connections.

Do you want to retry?

是(Y) 否(N)

Cancel Connect