

EECS 388

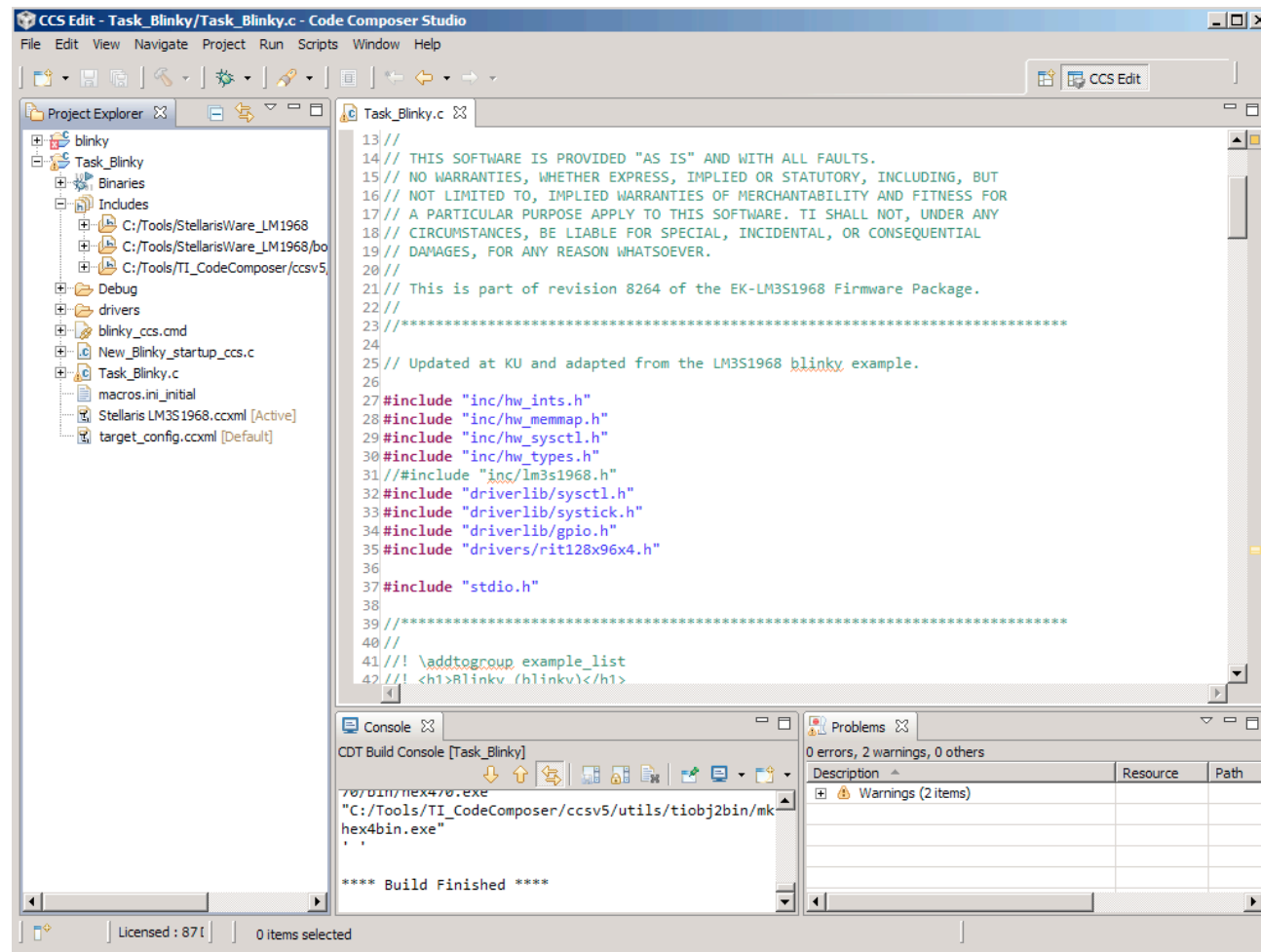
Embedded Systems

TI Code Composer

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TI Code Composer Screen



Initialization of License Server

- The first time Code Composer is executed on a computer, you may get an activation screen dialog
- Select the top most item, Activate with license server or file.
- In the second dialog, select activate with license server.
- The EECS license server and port are:

Server: license-ti.eecs.ku.edu

Port: 27000

- Code Composer Quick Start Guide is at:
http://www.ittc.ku.edu/~gminden/Embedded_Systems/PDFs/TI_CodeComposer_QuickStart.pdf
under the “Datasheets” tab.



Organizing Your Projects

- Use your EECS home account
- You EECS home account mounts as the H: drive on EECS Windows machines
- Make a directory (folder) named: “EECS_388” in your home directory
- In “EECS_388” make a directory named: “TI_ARM_Projects”
- When starting TI Code Composer, select:
 H:\EECS_388\TI_ARM_Projects
for your workspace.
- The GTAs and I will assume this location when we build example projects



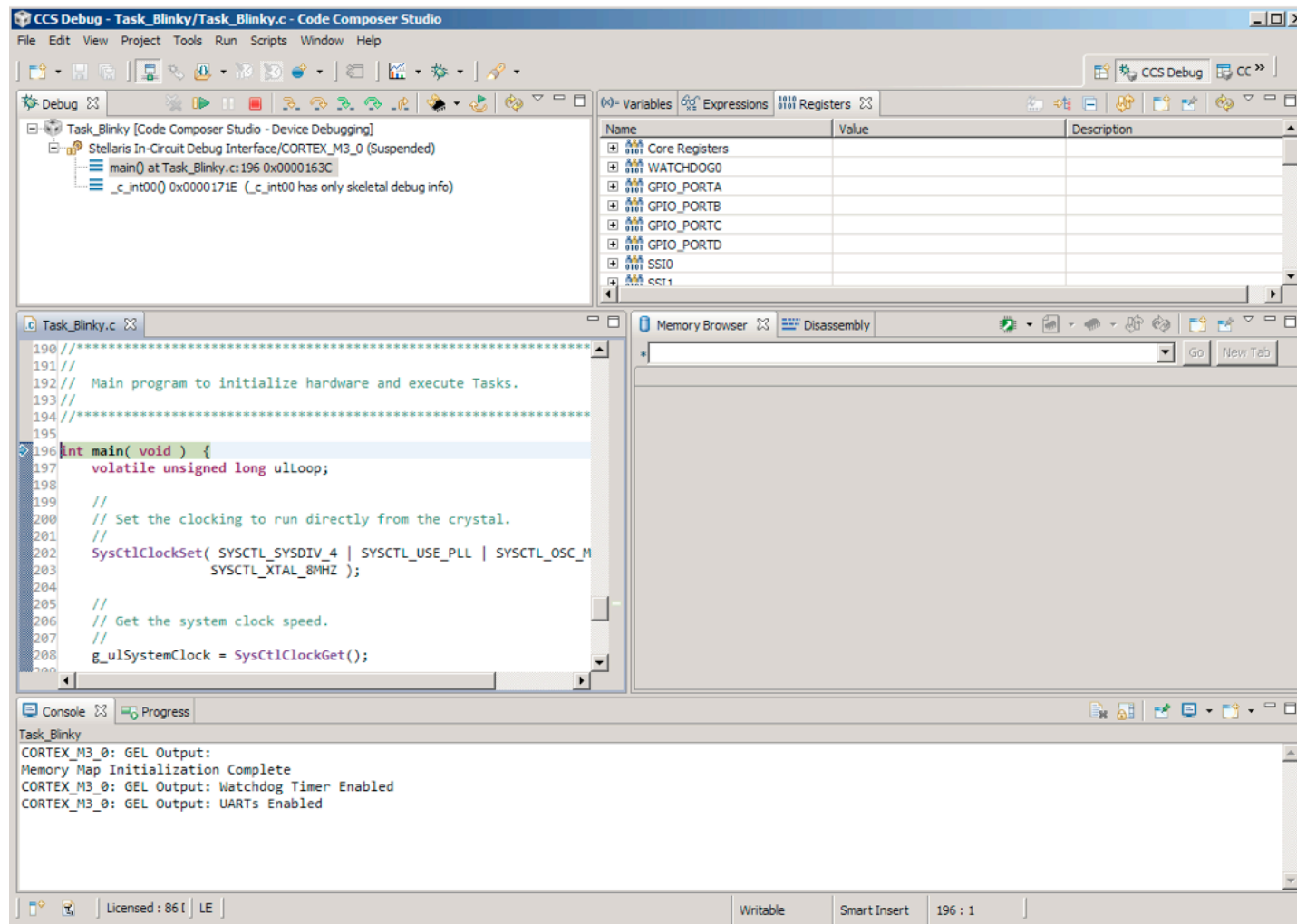
Importing an Example Project

- In TI Code Composer
- Select: File -> Import
- Select: Code Composer Studio -> Existing CCS/CCE....
- Select: “Select archive file:”
- Browse to the compressed (.zip) project file
- Make sure the project is selected
- Select: “Finish”
- The example project should be in your workspace

Building the Project

- Right-click the Project name
- Select: “Clean Project”
- Click the “Hammer” to build the project
- Some example projects may have Warnings

Debugger



Debugging the Project

- Select the “Bug”
- The Debugger will start
- The Debugger will establish communications with the eval-board and log four messages in the Console
- The Debugger will load your program into the eval-board
- When complete, the Debugger will display the hierarchy of subroutines and any source code programs you had open in the editor
- To start your project select the green “Go” arrow button
- Test your program for correct operation
- You can pause your program with the yellow “Pause Bars” button
- When finished, always select the red “Stop” button