Adapting HC908GZ16 Stationery for HC908GZ8

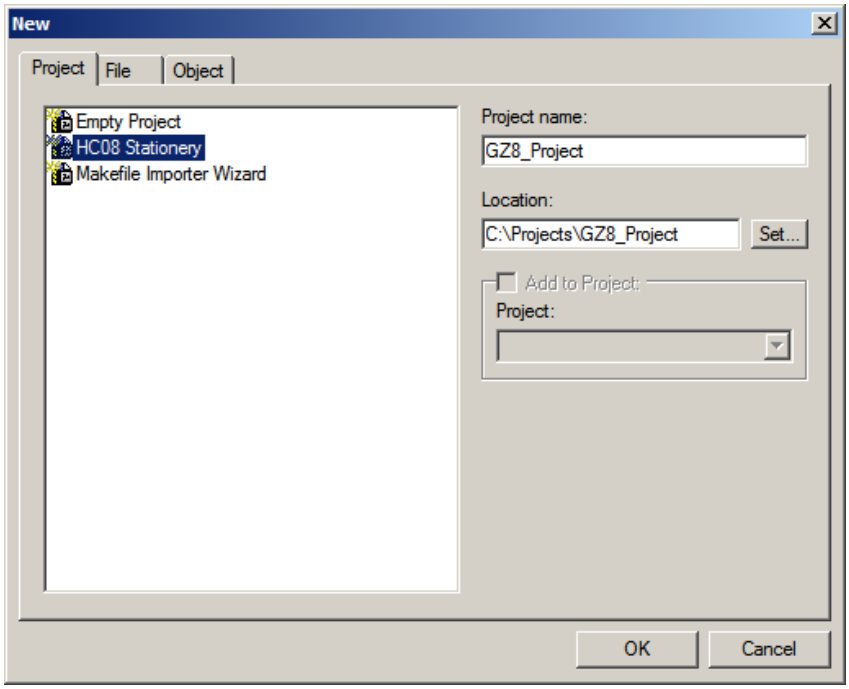
GRGZ Service Pack Software Addendum

In the GRGZ Service Pack for CodeWarrior Development Studio for HC08 Microcontrollers, Special Edition Version 2.1.1, there are no GZ8 stationeries. To create a new project for the GZ8, follow the steps outlined below.

Launch the CodeWarrior IDE

Create a new project for GZ8 starting from GZ16 stationery

- **From main menu bar, select** File > New **– New window appears**



New Window

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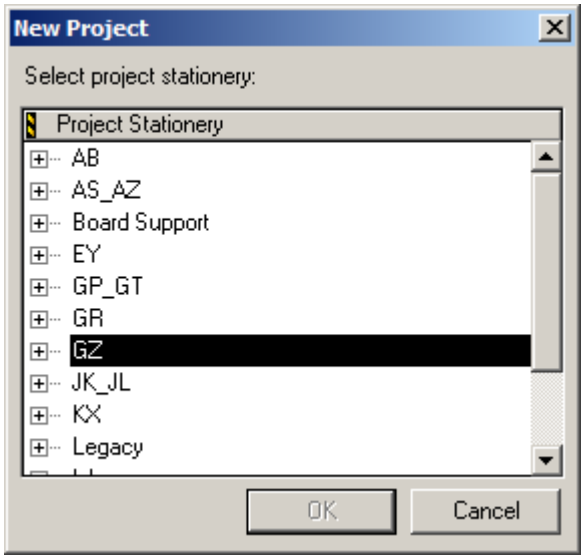
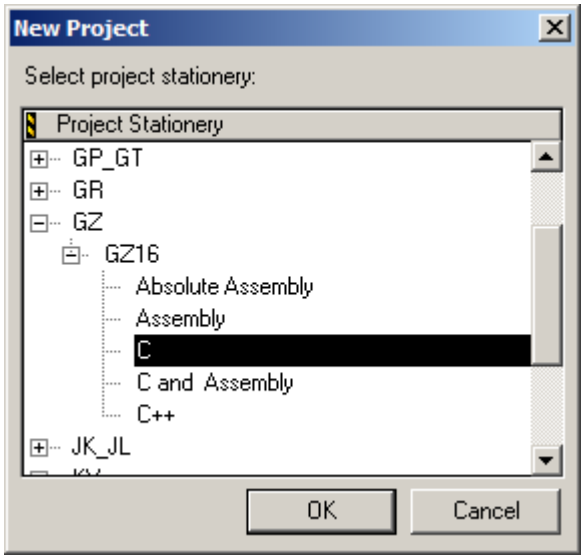
- **Select** HC08 Stationery
- **Enter a name for your project in** Project Name **text box**
- **Click the** OK **button – New project Window appears**



New Project Dialog Window

- **Click** + **to display the** GZ **Stationery**
- **Click** + **to display the** GZ16 **stationery**
- **If you want to create a project using** Absolute Assembly**, proceed to page 5**
- **Select** Assembly, C, C and Assembly**, or** C++ **listed below** GZ16



GZ16 stationery

- **Click the** OK **button**

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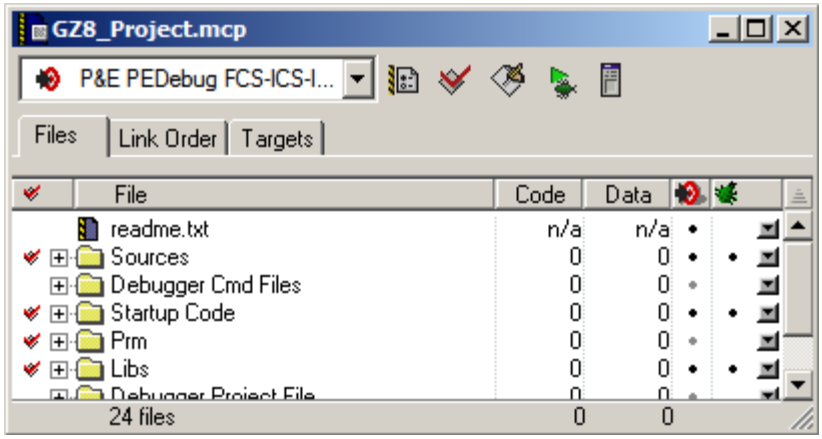
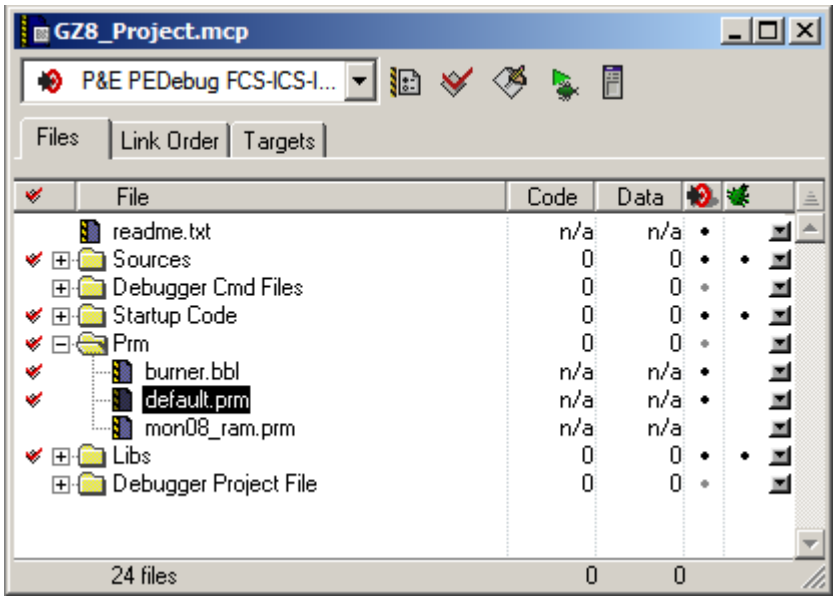


Project (GZ8_Project.mcp) Window

- **You have successfully created a project for the GZ16**
- **You must now change the memory mapping in the parameter file to use the GZ8 flash area**
- **Click + to display the files in the** Prm **folder**



The .prm File Selected

- **Double-click the .prm file for the target you're using (**default.prm **in this case)**

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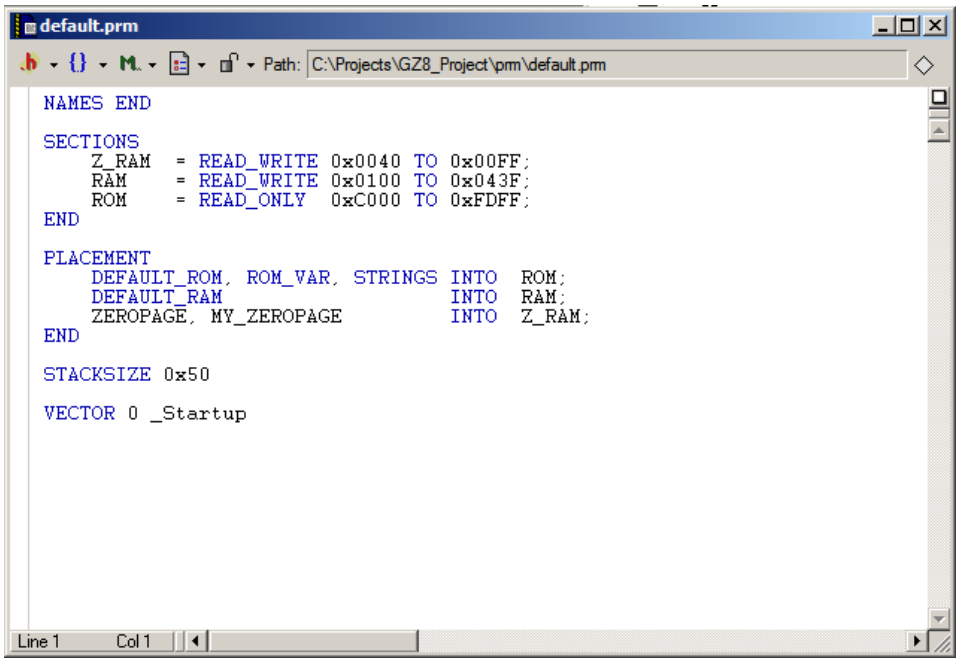
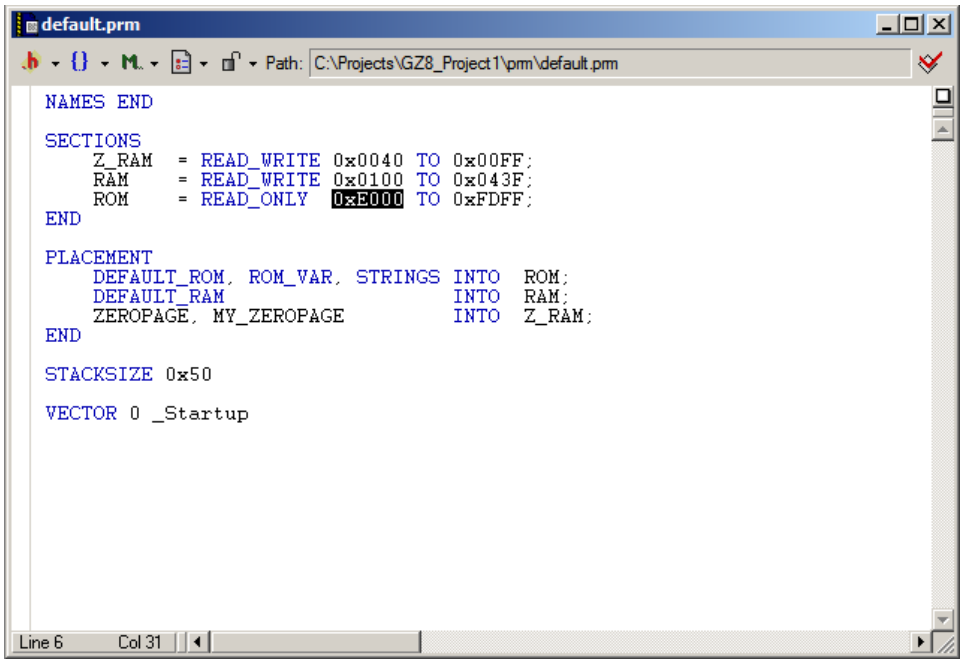
- **Edit the ROM memory section for 8k flash instead of 16k flash**



default.prm **Before Editing**

- **Change** 0xC000 **to** 0xE000**, which is the lower address of the flash area in the GZ8**



default.prm **After Editing**

- **Save this file**
- **You're now ready to develop code for the GZ8**

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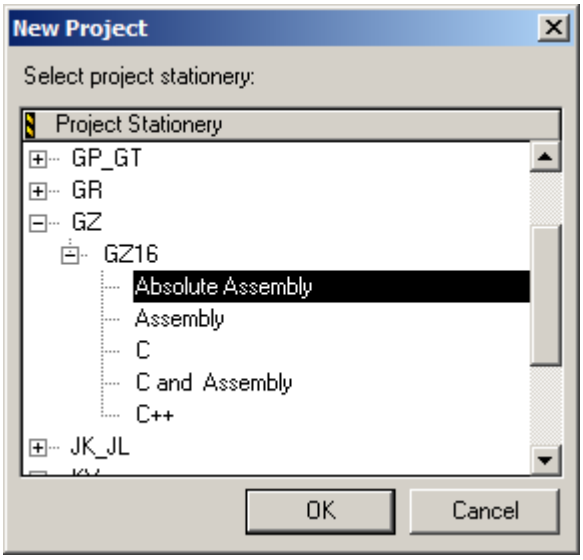
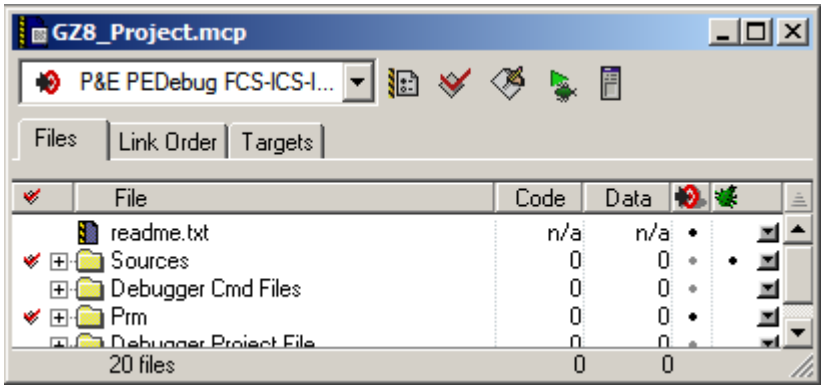
Create a new absolute assembly project for GZ8 starting from GZ16 Stationery

- **Follow the steps on pages 1 and 2**
- **Select** Absolute Assembly **listed below** GZ16



GZ16 Absolute Assembly stationery

- **Click the** OK **button**



Project (GZ8_Project.mcp) Window

- **You have successfully created an absolute assembly project for GZ16**
- **You must now change the assembly source file ROM definition to use the GZ8 flash area**

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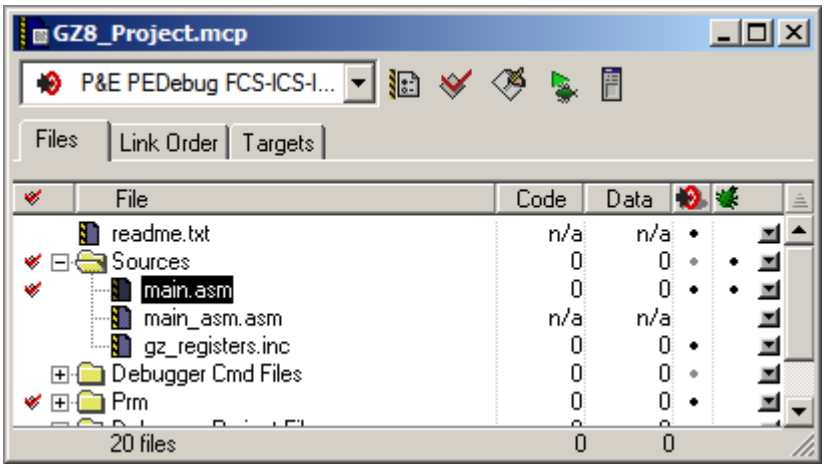
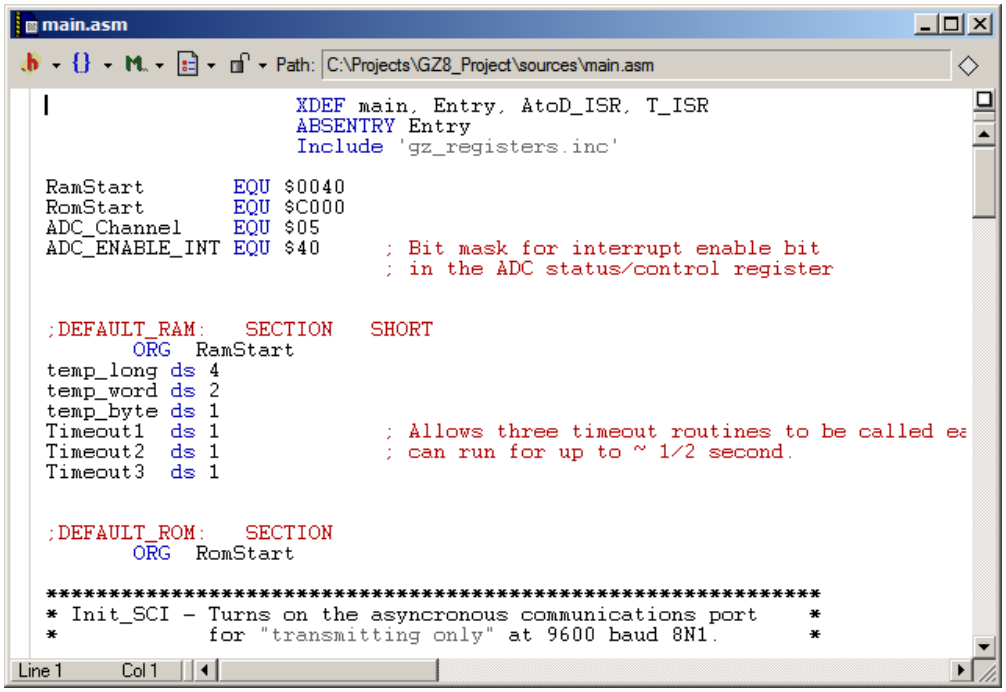
- **Click + to display the files in the** Sources **folder**



The .asm File Selected

- **Double-click the .asm file for the target you're using (**main.asm **in this case)**
- **Edit the definition of** RomStart **to reflect the lower address for the GZ8 flash**



main.asm **Before Editing**

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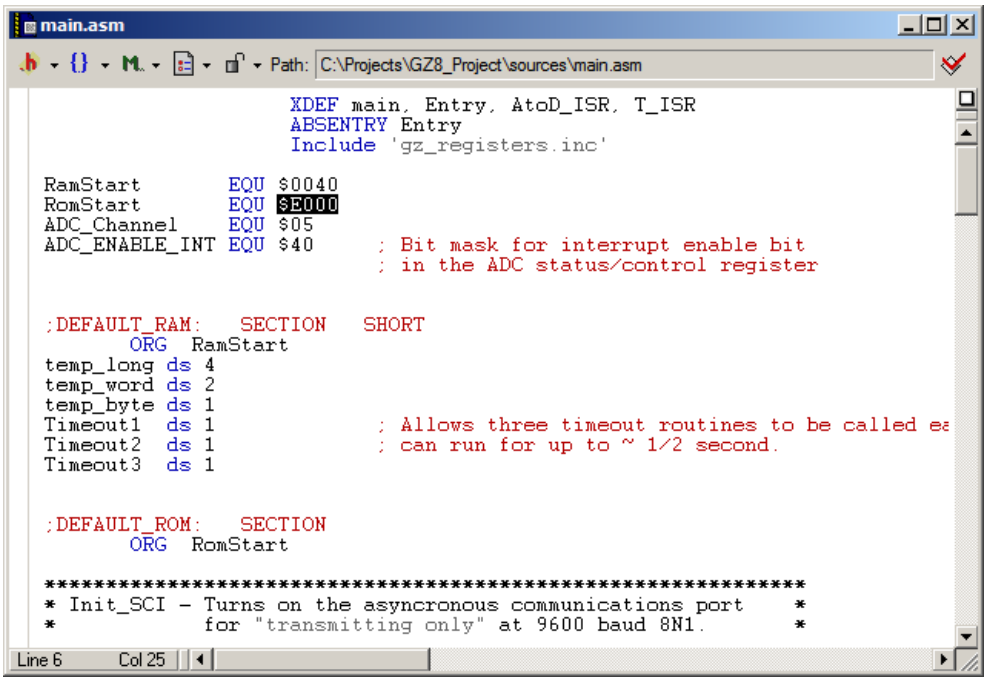
- **Change "$C000" to "$E000", which is the lower address of the flash area in the GZ8**



main.asm **After Editing**

- **Save this file**
- **You're now ready to develop absolute assembly code for the GZ8**

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