

Include Files

The Silicon Labs assembler allow you to use **include files** that define the SFRs by name. The following assembler directives are used in the include files to define the symbols.

BIT	114	symbol BIT <i>bit_address</i>	Define a bit address in bit data space.
DATA	114	symbol DATA <i>data_address</i>	Assign a symbol name to a specific on-chip data address.

Check this out:

The Silicon Labs include file can be found in the location:
C:\SiLabs\MCU\IDEfiles\C51\ASM

Use the following to include this file in your Silicon Labs IDE assembler program:
`$include (c8051f020.inc)`

Exercise:

Modify your reg_banks.asm program to use the symbol PSW rather than the register address. Save and assemble the file.