## View the Disassembly Window

View disassembled code in this window. Select Window>Debugging>Output>Disassembly Listing File to open the window. You must Pause (halt) in a debug session (Debug>Debug Project) to see the window contents.

This information may also be found in the listing file produced by the linker. Open this file by selecting File>Open File and browsing for the ProjectName. 1st file.

A quick way to view the entire disassembly file is to right click in the Disassembly window and select "Disassembly Listing File."

Note: The Disassembly window will disassemble each instruction, but has no history of banking associated with the instruction. Therefore, SFR names displayed in the window will be for Bank 0.

Figure 1. Disassembly Windows with Variable Mouseover

```
MPLAB X Store 

Main.c 

Asm Source
                                                             *
                    adc result t ADCC GetSingleConversion(adcc channel t channel, uint8 t acquisitionDelay!
                                                                                                                                                                                                                                                                                                                                   A |
   1
   2
                    0x761: MOVWF channel
    3
    4
                                    // select the A/D channel
    5
                                   ADPCH = channel;
    6
                    0x762: MOVF channel, W
   7
                    0x763: MOVLB 0x
                                                                       Address = 0x74, channel = pot == (0x04)
    8
                    0x764: MOVWF AD
                                                                       Address = 0x0 (CONST), channel.pot = 0x04
   9
                                    //Set the
                                                                        Address = 0x0 (CONST), channel.channel_VSS = 0x3C
                                                                       Address = 0x0 (CONST), channel.channel_Temp = 0x3D
 10
                                    ADACQ = ac
                                                                       Address = 0x0 (CONST), channel.channel_DAC1 = 0x3E
 11
                    0x765: MOVF 0xF
                                                                       Address = 0x0 (CONST), channel.channel_FVR = 0x3F
 12
                    0x766: MOVWF AD
 13
                                    // Turn on
                                    ADCONObits.ADON = 1;
 14
 15
                    0x767: BSF ADCONO, 0x7
 16
 17
                                    //Disable the continuous mode.
                                   ADCONObits.ADCONT = 0;
 18
                    0x768: BCF ADCONO, 0x6
 19
 20
                                    // Start the conversion
 21
                                    ADCONObits.ADGO = 1;
                    0x769: BSF ADCONO, 0x0
 22
                                    // Wait for the conversion to finish
 23
                                    while (ADCONObits.ADGO)
 24
 25
                                     {
 26
```

Table 1. Disassembly Window Context Menu

Table 1. Disassembly William Context Field	
Menu Item(s)	Description
Step Instruction, Step Over, Run to Cursor	See Step Through Code.
Cut, Copy, Paste	Cut, copy, or paste selected text in the window.
Select in Projects	Opens Projects window and selects the document containing selection.
Disassembly Listing File	See the contents of the disassembly listing file.

Parent topic: Additional Tasks