

Programming Turning a LED on

Run the soft ware

Run Flowcode V4 by double clicking on this icon.

Select "Create a new Flowcode flowchart..." on the opening screen and click "OK".



Select the "Formula Flowcode Buggy" as the target device and click "OK" (see screenshot above).

Click the "Formula Flowcode" component icon:

	Flowcode V4 for
Choose a Target	
Choose a target for this flowchart:	
18F8390 18F8410 18F8490 18F8527 18F8622 18F8627 18F8722 ECI0-28 ECI0-40 Formula Flowcode Buggy	
?	DK Cancel

Turning a LED on

Drag the "Component Macro" icon onto the flowchart between the "Start" and "Stop" icons.

Your program will now look like this:

Properties: Component Macro	
Display name: Turn LED 3 on	
Component:	Macro:
FormulaFlowcode(0)	SetMotors WriteLEDs LEDOn LEDOff ReadSwitch
Parameters: led(BYTE)	
3	
Return Value:	
	V
?	OK Cancel



The window on the right will be

displayed. Select the "FormulaFlowcode(0)" component, then the "LEDOn" macro. Type "3" into the "parameters" box. Also add an appropriate comment into the "Display name" box. Once you have finished, click the "OK" button.

Next, drag a "Delay" icon onto the flowchart immediately below the previous icon.

Double-click this delay icon and select 2 seconds as the delay

time. Also, add an appropriate "Display name" and then click "OK". Finally, add another "Component Macro" icon to the end of your flowchart. Edit its properties

so that LED 3 is turned off (using the "LEDOff" macro). Your finished program should

look similar to that on the right.

Save your program (File...Save), giving it an appropriate name.

Simulate the program by clicking the "Run" button. You should see LED 3 on the Formula

Flowcode window light for a few seconds.

