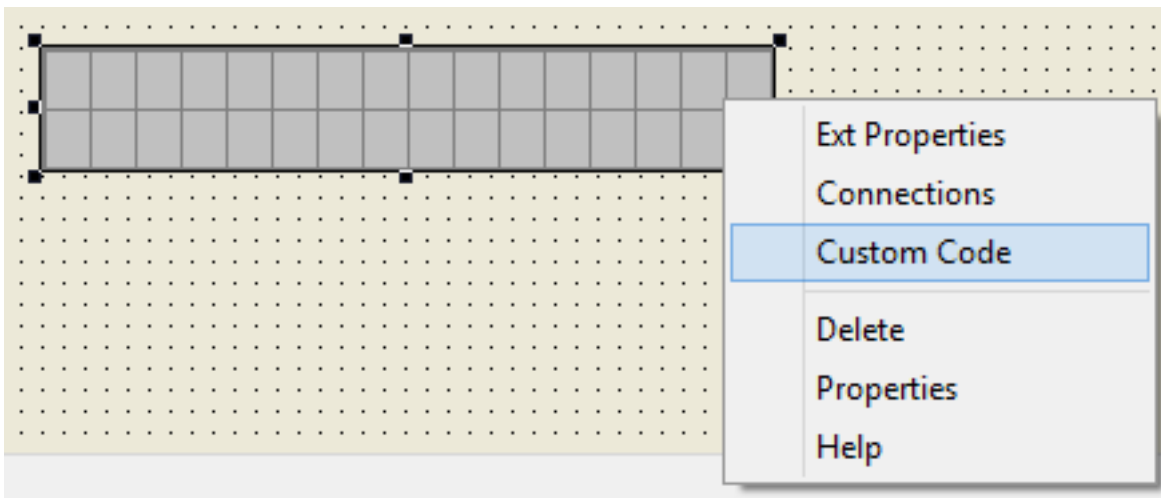


# Flowcode

## LCD Screen problems with EB006v9 and Flowcode 5

Due to the differences between the EB006v9 and previous versions, there are some issues with the way Flowcode v5 handles the LCD screen. There is a simple fix however.

First you will need to add the LCD component to your project, then right click and select "Custom Code".



Next select the [Defines] section and click the "**Edit code**" button.

# Flowcode

Customize Component Code

Component Macros

Name	Inbuilt	Private	Customize
[Defines]	true	-	true
[Initialization]	true	-	false
[Interrupt]	true	-	false
RawSend	true	true	false
Start	true	false	false
Clear	true	false	false
PrintASCII	true	false	false
Command	true	false	false
Cursor	true	false	false

Macro Prototype

Macro Description

Buttons: New Macro, Edit Details, Edit Code, Delete Macro, Import, Export, Close, ?

Finally scroll down the c-code till you find the line "#if MX\_CLK\_SPEED >= 32000000". And change the **32000000** to **16000000**.

# Flowcode

## Edit Custom Code

Macro Name  
[Defines]

Macro Prototype

Macro Code

```
13 k = Data 4 Pin
14 l = RS Pin
15 m = Enable Pin
16 n = Row Count
17 o = Column Count
18 *****/
19
20 //component connections
21 //Port pin lat workaround for 8-bit PIC devices running >= 32MHz
22 //seems we need this mod for 19660800 16F1937 so changed to >= 1
23
24 #ifdef FC_CAL_PIC
25 #if MX_CLK_SPEED >= 16000000
26 #define %a_PORT0 lat%b
27 #define %a_PORT1 lat%c
28 #define %a_PORT2 lat%d
29 #define %a_PORT3 lat%e
30 #define %a_PORT4 lat%f
31 #define %a_PORT5 lat%g
32 #else
```

? OK Cancel

Revert to Default

Finally click the **OK** button and hopefully this should fix the issue.

Unique solution ID: #1074

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