

18F4550

COM1

Code Explorer

Includes

Modedefs.Bas

ALLDIGITAL.pbp

Defines

OSC

Constants

Variables

Alias and Modifiers

Symbols

Labels

mainloop

Blinky_tests

```

1 'WORKS!
2 *****
3 '* Name : Blinky_test.pbp
4 '* Author : John R. Ellis
5 '* Notice : Copyright (c) 2010 CodeStar Assoc., Inc.
6 '*      : All Rights Reserved
7 '* Date : 3/4/2010
8 '* Version : 1.0
9 '* Notes : 1) Iterations of this program will test all ports
10 '          cm the MCU by blinking the EasyPic6 LED connected
11 '          to each port.
12 '*      : 2) This version of the code is written to test
13 '          the EasyPic6 when 18F2550 or 18F4550 is
14 '          installed.
15 *****
16
17 PAUSE 10 ' This statement is placed at beginning of code for ICD run
18 ASM ; 18F2550/4550, 8mhz crystal
19     CONFIG _PLLDIV_2_1L & _CPUDIV_OSC4_PLL6_1L & _USBDIV_2_1L
20     CONFIG _FOSC_HSPLL_HS_1H
21     CONFIG _PWRT_ON_2L & _BOR_OFF_2L & _VREGEN_ON_2L
22     CONFIG _WDT_ON_2H & _WDTPS_512_2H
23     CONFIG _PBADEN_OFF_3H ; PortB resets as digital
24     CONFIG _LVP_OFF_4L & _XINST_OFF_4L
25 ENDASM
26
27 INCLUDE "Modedefs.Bas"
28
29 DEFINE OSC 16
30 TRISA = 0
31
32 ' Set all ports to outputs as test LEDs

```

ICD Message

MicroCode Studio was unable to connect to the PIC microcontroller executing the ICD code. The most likely cause of this problem is incorrect or missing program defines.

For the ICD to work properly, it is essential that your PICBasic code uses an OSC setting that matches the speed of the target microcontroller. By default, this is 4MHz. If you are using a bootloader, ensure you include an appropriate define

```

DEFINE LOADER_USED 1 ' bootloader used
DEFINE OSC 20 ' 20MHz clock speed

```

For versions of PICBasic Pro earlier than 2.33, you should replace LOADER_USED with ONINT_USED when using a

What do you want to do?

Tell me more about this problem and how I might fix it...

Return to MicroCode Studio