
PIC16F91X Rev. A Silicon/Data Sheet Errata

The PIC16F91X parts you have received conform functionally to the Device Data Sheet (DS41250E), except for the anomalies described below.

All of the issues listed here will be addressed in future revisions of the PIC16F91X silicon.

1. Module: LCD

The LCD module may generate incorrect waveforms when using type-B waveforms (WFT = 1) with one-third multiplex (LMUX<1:0> = 10)

Work around

Avoid the use of type-B waveforms with one-third multiplex. When one-third is required, use type-A waveforms.

Date Codes that pertain to this issue:

All engineering and production devices.

Clarifications/Corrections to the Data Sheet:

In the Device Data Sheet (DS41250E), the following clarifications and corrections should be noted.

1. Module: CCPR2L/CCPR2H Address

In Figure 2-4: "PIC16F914/917 Special Function Registers," page 16:

Change from: CCPR2L, 15h

CCPR2H, 16h

To: CCPR1L, 15h

CCPR1H, 16h

2. Module: LCD Driver Module Block Diagram (Note 1)

In Figure 9-1; "LCD Driver Module Block Diagram," page 102, change Note 1:

From: These are not directly connected to the I/O pads. See Section 3.0 for more detail.

To: These signals are connected directly to the I/O pads, but may be tri-stated, depending on the configuration of the LCD module.

3. Module: $\overline{\text{MCLR}}$

In Section 16.3.1: " $\overline{\text{MCLR}}$," page 188, change last paragraph:

From: "An internal $\overline{\text{MCLR}}$ option is enabled by clearing...selecting the internal MCLR option."

To: "An internal $\overline{\text{MCLR}}$ option is enabled by clearing the MCLRE bit in the Configuration Word register. When $\overline{\text{MCLRE}} = 0$, the Reset signal to the chip is generated internally. When the $\overline{\text{MCLRE}} = 1$, the RA3/MCLR pin becomes an external Reset input. In this mode, the RA3/MCLR pin has a weak pull-up to VDD. In-Circuit Serial Programming is not affected by selecting the internal $\overline{\text{MCLR}}$ option."

PIC16F91X

REVISION HISTORY

Rev A Document (5/2005)

Initial release of Errata, adding Items 1-3.

Rev B Document (2/2007)

Added Module 1: LCD.

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