



PIC16F610/616/16HV610/616

PIC16F610/616/16HV610/616 Rev. A Silicon/Data Sheet Errata

The PIC16F610/616/16HV610/616 parts you have received conform functionally to the Device Data Sheet (DS41288B), except for the anomalies described below.

None.

Clarifications/Corrections to the Data Sheet:

In the Device Data Sheet (DS41288B), the following clarifications and corrections should be noted.

1. Module: Timer1 Operation in Asynchronous Counter Mode

Add Note 2 to Note box under Section 6.5: Timer1 Operation in Asynchronous Counter Mode, page 48.

Note 1: When switching from synchronous to asynchronous operation, it is possible to skip an increment. When switching from asynchronous to synchronous operation, it is possible to produce an additional increment.

2: In Asynchronous Counter mode or when using the internal oscillator and T1ACS = 1, Timer1 can not be used as a time base for the Capture or Compare modes of the ECCP module (for PIC16F616/16HV616 only).

2. Module: Voltage Reference Specifications

In Table 15-9: Voltage Reference Specifications (page 157), the following clarifications were updated (in bold).

TABLE 15-9: VOLTAGE REFERENCE SPECIFICATIONS

VR Voltage Reference Specifications			Standard Operating Conditions (unless otherwise stated) Operating temperature $-40^{\circ}\text{C} \leq T_A \leq +125^{\circ}\text{C}$				
Param No.	Symbol	Characteristics	Min	Typ	Max	Units	Comments
VR01	VP6OUT	VP6 voltage output	0.5	0.6	0.7	V	

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3. Module: Data Memory Map (PIC16F610/16HV610)

In Figure 2-3: Data Memory Map of PIC16F610/16HV610 (page 13), 6Fh and 70h were added for clarification.

FIGURE 2-3: DATA MEMORY MAP OF THE PIC16F610/16HV610



REVISION HISTORY

Rev A Document (11/2006)

First revision of this document.

Clarification/Corrections to the Data Sheet:

Module 1: Changes made to Product Identification System, Examples.

Rev B Document (1/2007)

Clarification/Corrections to the Data Sheet:

Removed Module 1: Changes made to Product Identification System, Examples (correction made to data sheet).

Added Module 1: Timer1 Operation in Asynchronous Counter Mode, Module 2: Voltage Reference Specifications and Module 3: Data Memory Map (PIC16F610/16HV610).

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NOTES:

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