

PICDEM™ MC Development Board Errata Sheet

The PICDEM™ MC Development Board you have received conforms to the information provided in its accompanying Users' Guide (DS51453A), except for the clarifications described below.

Future revisions of the User's Guide will reflect these changes.

1. Issue: Jumper Settings

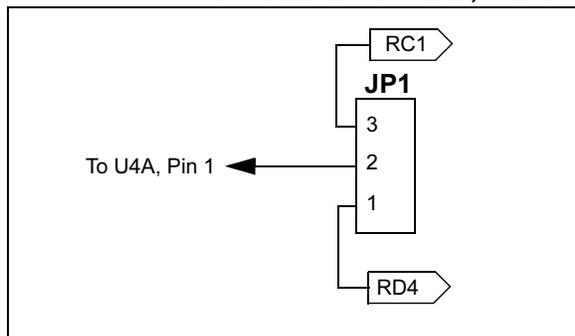
A manufacturing change has resulted in the renumbering of the pins for jumper JP1. Pins 1 and 3 are reversed, in comparison to the board layouts and descriptions published in the original version of the User's Guide. The jumper itself and its physical orientation relative to the board have not changed.

As a result of the renumbering, pin RC1 of the microcontroller is connected to what is now labelled as pin 3 of JP1; pin RD4 is connected to the pin labelled 1. This is shown in the excerpt from the schematic in Figure 1. The default configuration of JP1, as shipped, is now between pins 2 and 3.

This changes several specific items in the text:

1. Figure A-2, the first sheet of the Development Board schematic, is modified to show the change to JP1 reflected in Figure 1.

FIGURE 1: CHANGE TO JP1 OF PICDEM MC BOARD, PART 1



2. Step 2 of Section 2.3.1 (“**Connecting Power**”, page 12). The default setting of JP1 is now between terminals 2 and 3, while the setting of JP3 remains at 1 and 2.
3. The description of JP1 in Table 5-1 (“**Jumper and Hardware Descriptions**”). The default setting now reads “2-3 bridged”.
4. The text in Section 5.4.3 (“**Configuring I/O Assignments (40-pin Devices Only)**”). The fourth paragraph now reads in part (changes in **bold**):
“The default setting bridges pins **2** and **3**, connecting Fault A signal to RC1. Bridging **1** and **2** connects signals to RD4.”
5. The text in Section 5.4.3 (“**Configuring I/O Assignments (40-pin Devices Only)**”). The note should read as below:

Note: When using the original firmware provided with the PICDEM MC Development Board, always leave JP1 and JP3 in their default positions (JP1 bridging 2-3, JP3 bridging 1-2). Failure to do this may result in erratic operation or equipment damage.

2. Issue: Motor Information

In Appendix A, Section A.5 (“**Recommended Motors for Use with the PICDEM MC Board**”), the Bodine Model 34B4BEBL brushless DC motor is described as having a rating of 24 VDC. In fact, the motor is rated at 130 VDC.

3. Issue: Using the Microchip Motor Control GUI

6. With respect to Chapter 3 (“**Using the Microchip Motor Control GUI**”). The GUI takes ‘.’ as the decimal separator. International users who have ‘,’ as their decimal separator should download the patch from the Microchip web site: www.microchip.com/motor.

Note: The Motor Control GUI is updated from time to time to add new features and resolve ‘bugs’ that may be in the current versions. These are posted on the web site: www.microchip.com/motor as they are available. Download all patches for the version of Motor Control GUI you are using and follow the instructions given in the description of the patches.

PICDEM™ MC Development Board

REVISION HISTORY

Rev A Document (6/2004)

Original version. Issues 1, 2 and 3 (Jumper Settings, Motor Information and Microchip Motor Control GUI) documented.

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