
PIC32MZ DA Curiosity Development Board Change Notification

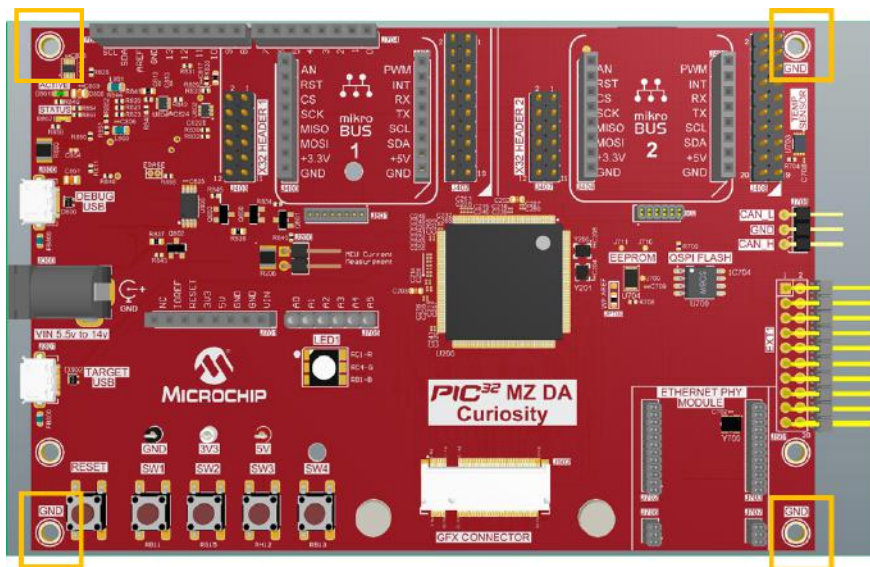
Notice 1

The corner mounting holes labeled 'GND' are not connected to the ground due to an implementation-related issue on the PCB. Therefore, users should not use these holes for the ground connection on the following board:

- The PIC32MZ DA Curiosity Development Board, PCB revision 3.

For a ground connection, use other connectors or pins marked as GND.

Figure 1. Location of Corner Mounting Holes



The PCB revision is marked on the back of the board as shown in the following figure.

Figure 2. PCB Revision Number - "R3"



The GND mounting holes will be connected to the ground in the board revision 4 and later revisions.

Notice 2

The EXT1 PIN15 (SPI_SS_A) is not connected to the PIC32MZ DA device, therefore this pin cannot be used on the following boards:

- The PIC32MZ DA Curiosity Development Board, PCB revisions 4 and lower.

This issue will be fixed in the development board revision 5. The fix was verified using the following modifications on the affected board revisions.

- Use the pin RF8 for EXT1 PIN15 (SPI_SS_A) and use the pin RA1 for PWM(+).

The following steps are used for verifying the fix:

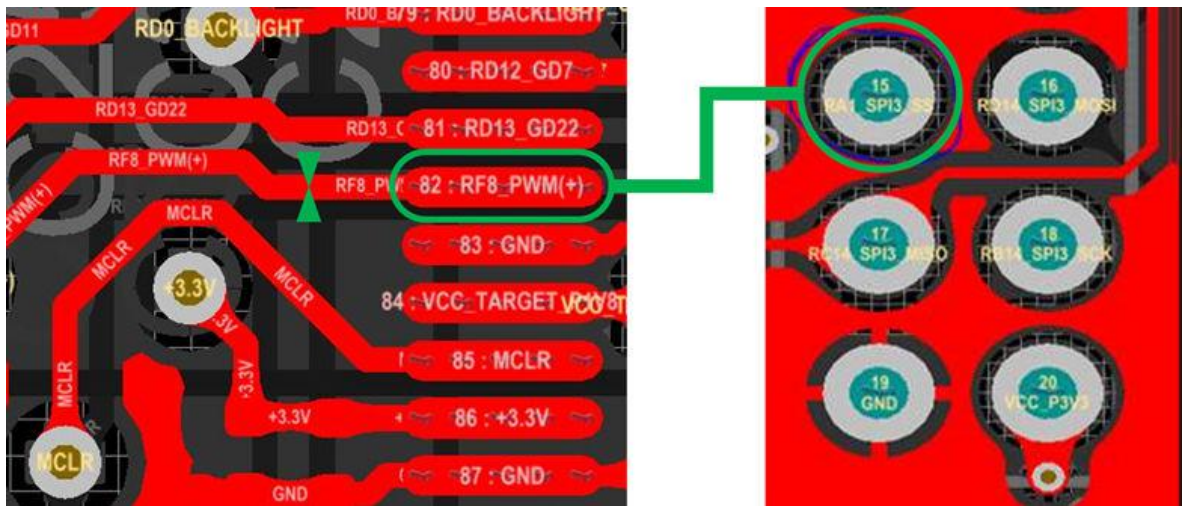
1. Cut RF8_PWM(+) trace.

Figure 3. Cut location for RF8_PWM(+) trace



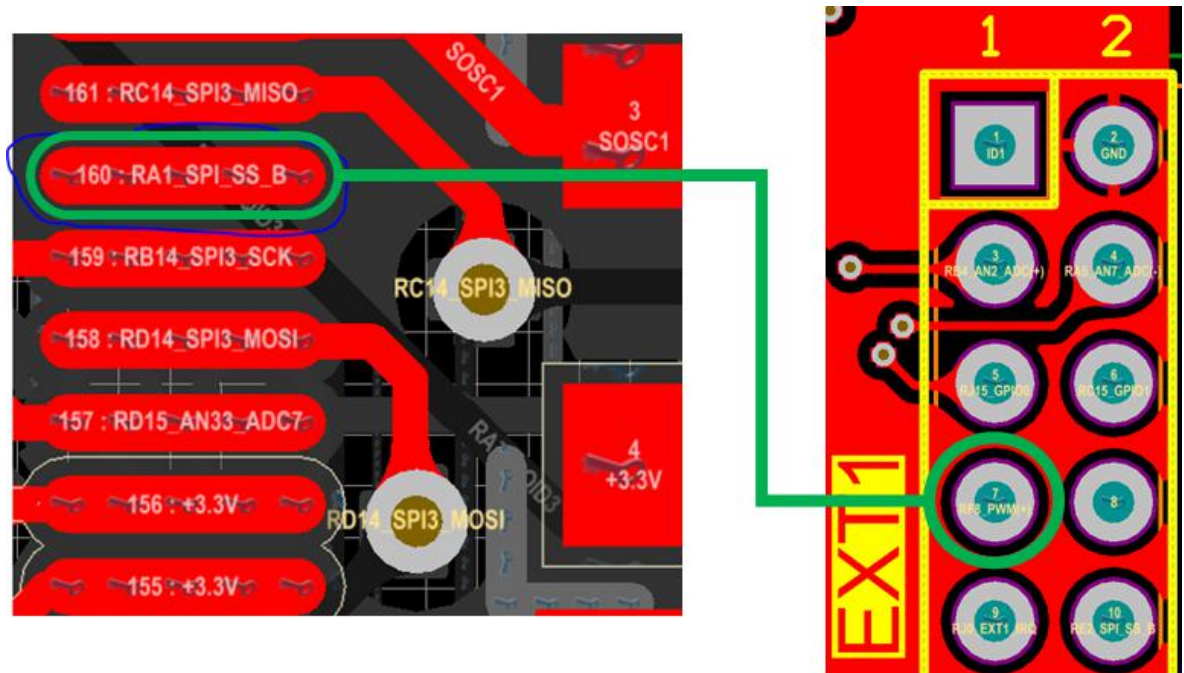
2. Solder a wire from the U200-pin82 to the EXT1-pin15.

Figure 4. Connecting RF8 to EXT1 PIN15



3. Solder another wire from the U200-pin16 to the EXT1 Header J501-pin7.

Figure 5. Connecting RA1 to PWM(+)



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ISBN: 978-1-5224-8703-6

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