Product Change Notification

Notification Date: April 16, 2018
Document No: PCD1-04162018

Dear Distributors,

The following part changes have been changed. The product info will be updated in the price list later.

Thank you for the understanding. Please contact the account manager for any question.

Title 1 : Pmod Shield PCB change from Rev A to Rev B

Changes:
The Digilent Pmod Shield Rev B is now even easier to use: We've simplified the jumper selections, cleaned up the silk screen, removed the four user LEDs (that it turned out no one really used), and replaced the jumpers JP6 and JP8 with optionally loadable headers (now JP1 and JP2 on Rev B). By making these jumpers optional, the Pmod Shield is now physically compatible with a wider range of base boards. The pinout has remained the same, however the physical locations of a few of the Pmod ports on the board have shifted. The same shield header pins are broken out to the same Pmod ports on Rev A and Rev B.

Impact on functionality: N/A

Effective Date: Immediately

Reference: https://blog.digilentinc.com/product-update-annoucement-digilent-pmod-shield-rev-b/

Action: Update schematics.

Products:

Part Number	New schematics
410-229	https://reference.digilentinc.com/_media/reference/add-ons/pmod-shield/pmod_shield_sch.pdf

Title 2 : Wi-Fire PCB change from Rev B to Rev D

Changes:
The biggest thing that is immediately apparent (and indeed the cause of this update) is a new header present next to the external power connector and the mini-USB port. This 2×7 pin header is a EJTAG/TRACE connector that allows for the the programming and debugging of the Wi-FIRE through OpenOCD. The Wi-FIRE can have its MIPS Core programmed through this connector or may instead program the Wi-FIRE through the miniUSB port present on the board via the Codescape SDK. With this, you now have a new powerful way to be able to carefully control and debug the PIC32MZ chip.

The other major change that occurred was that nearly all of the silkscreen labels of the headers on the board were all changed around; all of the pin routing is still exactly the same aside from the addition of the EJTAG/TRACE connector pins, so all of your existing code will work exactly as expected but the documentation will be a little bit off. Astute users may have also noticed a couple more hardware differences between the two boards with header J4 on the Rev C in particular; it simply doesn't exist on Rev. D. Why? We found that users never ended up using those pins to monitor the Rx and Tx lines externally when they were accessible through different pins or through software.

Impact on functionality: N/A

Effective Date: Immediately

Reference: https://blog.digilentinc.com/wi-fire-rev-c-vs-wi-fire-rev-d/

Action: Update schematics

Products:

Part Number	New schematics
410-302	https://reference.digilentinc.com/_media/reference/microprocessor/wi-fire/wifire_sch.pdf