

Frequently Asked Questions

Title: Mixing different generation M4K and M8K series modules

Date: March 2020

Card/Board/Module: All M4K and M8K series modules

Operating System: All

Question:

Is there any problem concerning using different versions of the M4K series and M8K series modules ?

Answer:

The software drivers API handles all the different models of the modules. Assuming that you use current software tools, there is no problem mixing & matching different generation modules on the same card.

Of course, newer features (and functions) that were added in a later module / later firmware or hardware version may not be available on the older module(s).

For the 1553Px module, there are three generations of the M4K module:

- Px first generation (using an AMD chip)
- PxII second generation (using an Intel chip) - hence the II in the module name
- PxIII third generation (using a Nios chip)

For the 429RTx module, there are two generations of the M4K module:

- RTx first generation (using a Motorola chip)
- RTx second generation (using a Nios chip)