

Programming SER2NET

Required.

PICKit3 or PICKit4

Processor is PIC32MZ1024EFK100

Install and load microchip IPE.

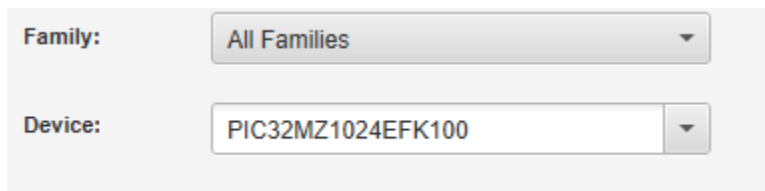
[https://ww1.microchip.com/downloads/en/DeviceDoc/MPLABX-v5.50\(1\)-windows-installer.exe](https://ww1.microchip.com/downloads/en/DeviceDoc/MPLABX-v5.50(1)-windows-installer.exe)

Install only the IPE. Integrated programming environment

Run Microchip X IPE

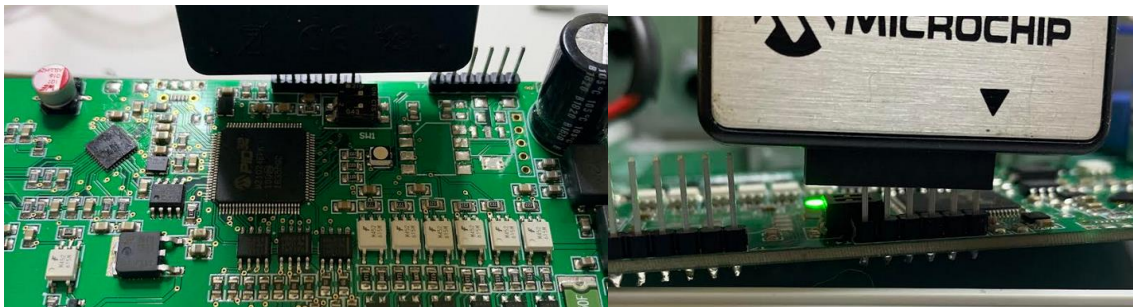
Select Device as PIC32MZ1024EFK

Current devices are this product. We looking to move to another version soon once stock becomes available.



The image shows a screenshot of the Microchip IPE software interface. It features two dropdown menus. The first menu is labeled "Family:" and is set to "All Families". The second menu is labeled "Device:" and is set to "PIC32MZ1024EFK100".

Connection to PCB.



Programmer faces away from the Top of the PCB. Pin 1 is on the Left Closest to the Network connection.

PCB can be powered either through the PICKIT unit or by plugging power into the unit. Use the extension cable supplied to extend the connectors.

Select Advanced mode for Microchip IPE Mode

Then load the HEX File. pic32mz_ef_sk.X.production.hex (filename may differ)

Connect to the unit through MPLAB IPE. Then Program the unit.