

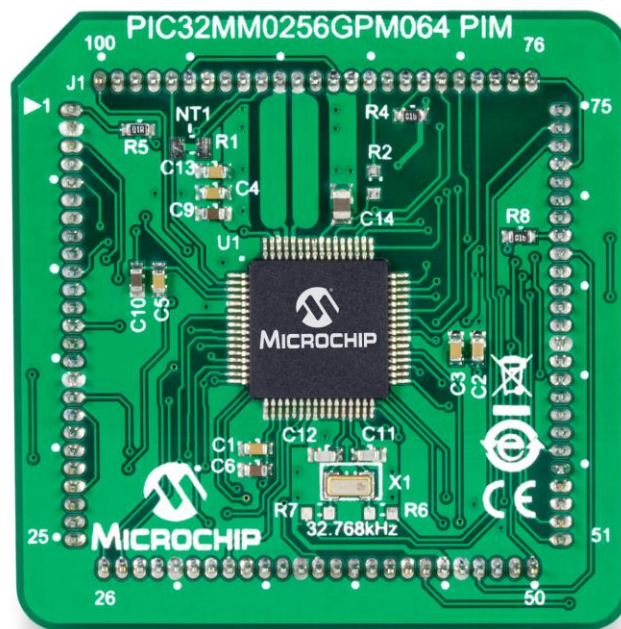


## PIC32MM0256GPM064 General Purpose PIM

Part Number: MA320023

The PIC32MM0256GPM064 Plug-in Module(PIM) is designed to plug into the Explorer 16/32 Development Boards and is designed to enable users to explore the innovative features and capabilities of the eXtreme low-power PIC32MM “GPM” family. The PIM includes the PIC32MM0256GPM064 64-pin TQFP device, which has the most memory and highest pin-count of all devices in this family.

The entire family of PIC32MM devices is supported by Microchip’s development ecosystem including the MPLAB® X IDE and the MPLAB XC32 Compiler.



### PIC32MM0256GPM064 Plug-In Module (Part # MA320023)



#### Features:

- Features the eXtreme low power PIC32MM0256GPM064 general purpose, 32-bit microcontroller
  - *64 pin TQFP package*

- 256KB Flash
- Low Voltage Sleep Mode with RAM retention < 650 nA
- Integrated crystal-less USB 2.0 host, device and OTG support for increased connectivity
- 4-Channel Hardware DMA and a CRC Engine designed to offload the CPU and increase efficiency
- Full compatibility with MPLAB Code Configurator, MPLAB Xpress IDE, MPLAB X IDE and XC32 Compiler

Package Contents:

PIC32MM0256GPM064 General Purpose Plug In Module