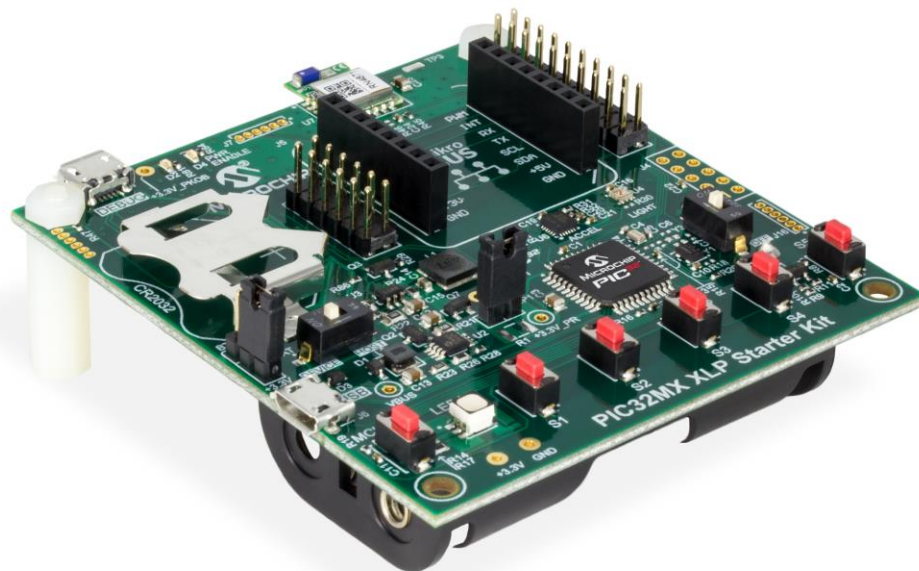




PIC32MX274 XLP Starter Kit

Part Number: DM320105

The PIC32MX XLP Starter Kit is a fully integrated 32-bit development platform featuring the high performance PIC32MX274 series MIPS MCU featuring 256KB Flash, 64K of RAM and Full Speed USB in a 72Mhz, very low power device. Software compatible with existing PIC32MX class devices, the PIC32MX274 offers developers an increase in performance at almost half of the run current, enabling longer lasting, more feature rich battery applications.



PIC32MX XLP Starter Kit
(Part # DM320105)



The PIC32MX XLP Board includes an integrated programmer/debugger, and is fully integrated with Microchip's MPLAB® X IDE. Additionally, the starter kit sports BTLE connectivity, a 9 Axis accelerometer, light sensor and barometric sensor enabling different IoT data logging applications.

Each board also provides one MikroBus® expansion socket from MicroElektronika and a Microchip X32 header to enable customers seeking accelerated application prototype development. Boards are fully integrated into PIC32's powerful software framework, MPLAB® Harmony that provides flexible and modular interface to application development , a

rich set of inter-operable software stack (Bluetooth, Audio ,USB) and easy to use features.

The board offers expansion capabilities making it an excellent choice for a rapid prototyping board in Connectivity, IOT and general purpose applications.

Features:

- PIC32MX254F256 eXtreme Low Power 72Mhz MCU
- FS USB OTG Support
- On-board multi-axis accelerometer
- On-board BTLE Radio
- mikroCLICK Header
- XC32 Header compatible with:
 - PIC32 Audio Codec Daughter Card - AK4642EN (AC320100)
 - PIC32 Audio Codec Daughter Card – AK7755 (AC327755)
 - PIC32 Audio DAC Daughter Board – AK4384 (AC320032-2)
 - PIC32 Audio DAC Daughter Board for 384Khz Audio – AK4376
 - PIC32 Audio Codec Daughter Card – AK4953
 - BM64 Bluetooth Module