

PIC32 Ethernet Starter Kit II

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Part Number: DM320004-2

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The PIC32 Ethernet Starter Kit II provides the easiest and lowest-cost method to experience 10/100 Ethernet development with PIC32 microcontrollers. Combined with Microchip's free TCP/IP software, this kit gets your project running quickly. The PIC32 microcontroller has an available CAN 2.0b peripheral and USB host/device/OTG. This starter kit features a socket that can accommodate various 10/100 Ethernet transceiver (RJ-45) PHY Daughter Boards for prototyping and development.

Ethernet PHY Daughter Boards compatible with PIC32 Ethernet Starter Kit II are listed below
LAN8720A PHY Daughter Board (AC320004-3)

FOR DEMONSTRATION SOFTWARE, PLEASE VISIT MPLAB HARMONY SOFTWARE FRAMEWORK




PIC32 Ethernet Starter Kit II
(Part # DM320004-2)

Features

- USB-powered board
- Includes 10/100 Fast Ethernet LAN8740 PHY Daughter Board
 - Features Energy efficient Ethernet(IEEE 802.3az) and Wake-On-LAN functionality
- USB and Ethernet connectors, user switches and LEDs
- Integrated programmer/debugger
- Standard A to mini-B cable for debugger
- Standard A to micro-B cable for USB application development
- PIC32 running at 80 MHz with 512K Flash, 128K RAM, 8 channel DMA + 8 channel DMA dedicated to Ethernet, CAN and USB
- Expansion connector enables the addition of Microchip's PIC32 expansion boards or the creation of your own board

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Documents	Last Updated	Size	
PIC32 Ethernet Starter Kit II Information Sheet	2/3/2014 7:53:41 PM	33KB	
PIC32 Ethernet Starter Kit II User's Guide	2/18/2014 9:01:42 PM	1MB	
LAN8740 PHY Daughter Board Product Change Notice	6/5/2014 9:34:39 PM	238KB	