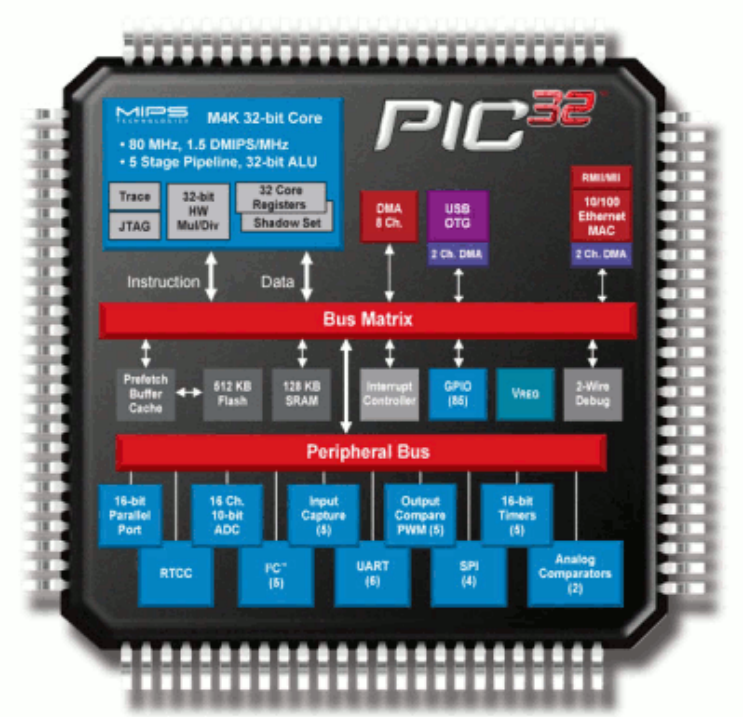
PIC32MX3XXFXXXX USB, CAN and Ethernet 32-bit Flash Microcontrollers

General Description:



PIC32 family has established itself as a performance leader stemming from the highest DMIPs/MHz rated MIPS® M4K® core, highly efficient internal bus architecture, and advanced instruction caching. PIC32 MCUs offer a range of general purpose and integrated connectivity peripherals including Ethernet, CAN, and USB host/device/On-The-Go. Integrated flash memory ranges from 32K to 512K and on-board RAM ranges from 8k to 128k.

Key Features:



Power your RTOS, Touch Screens
and Complex Applications

- 80 MHz, 1.56 DMIPS/MHz MIPS M4K Core
- 32K-512K Flash with pre-fetch cache
- 8K to 32K SRAM Memory
- Fast interrupts and context switch

Simplify Your System Design
Through Integration

- Extensive analog and digital peripherals
- USB Host/Device/OTG, Dual CAN, 10/100 Ethernet
- Up to 4 DMA channels
- 16-bit parallel master port

Applications:

- Web Enabled Vending Machine
- Home Security Systems
- Wireless Handheld Unit
- Home Metering Gateway

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- Wireless VoIP Intercom
- Ethernet-CAN Gateway
- IP Camera

Related Products Information:

Mfr Part #	Farnell #	Newark #	Description
PIC32MX320F032H-40I/MR	1778932	25R8369	MCU, 32BIT, 32K FLASH, 64QFN
PIC32MX320F032H-40I/PT	1523318	98M1928	32BIT MCU, 32K FLASH, SMD, TQFP64
PIC32MX320F064H-40I/MR	1778933	14R9011	MCU, 32BIT, 64K FLASH, 64QFN
PIC32MX320F064H-80I/MR	1778935	25R8371	MCU, 32BIT, 64K FLASH, 64QFN
PIC32MX320F064H-40I/PT	1778934	25R8370	MCU, 32BIT, 64K FLASH, 64TQFP
PIC32MX320F064H-80I/PT	1523319	77M3147	32BIT MCU, 64K FLASH, SMD, TQFP64
PIC32MX320F128H-80I/MR	1778937	11R7800	MCU, 32BIT, 128K FLASH, 64QFN
PIC32MX320F128H-80I/PT	1523320	77M3148	32BIT MCU, 128K FLASH, SMD, TQFP64
PIC32MX320F128L-80I/BG	1778938	24R7107	MCU, 32BIT, 128K FLASH, 121BGA
PIC32MX320F128L-80I/PT	1523321	77M3149	32BIT MCU, 128K FLASH, SMD, TQFP100
PIC32MX340F128H-80I/MR	1740241	25R8372	MCU, 32BIT, 128K FLASH, 64QFN
PIC32MX340F128H-80I/PT	1677914	98M1929	32BIT,MCU,128K FLASH,32K RAM, 64TQFP
PIC32MX340F128L-80I/BG	1778939	24R7109	MCU, 32BIT, 128K FLASH, DMA, 121BGA
PIC32MX340F128L-80I/PT	1677916	98M1930	32BIT,MCU,128K FLASH,32K RAM,100TQFP
PIC32MX340F256H-80I/MR	1778940	25R8373	MCU, 32BIT, 256K FLASH, DMA, 64QFN
PIC32MX340F256H-80I/PT	1523322	77M3150	32BIT MCU, 256K FLASH, SMD, TQFP64
PIC32MX340F512H-80I/PT	1677915	98M1931	32BIT,MCU,512K FLASH,32K RAM,64TQFP
PIC32MX360F256L-80I/BG	1778942	24R7111	MCU, 32BIT, 256K FLASH, DMA, 121BGA
PIC32MX360F256L-80I/PT	1523323	77M3151	32BIT MCU, 256K FLASH, SMD, TQFP100
PIC32MX360F512L-80I/BG	1762653	52R2313	MCU, 32BIT, 512K FLASH, 121XBGA
PIC32MX360F512L-80I/PT	1523324	77M3152	32BIT MCU, 512K FLASH, SMD, TQFP100
PIC32MX340F512H-80I/MR	1778941	11R7801	MCU, 32BIT, 512K FLASH, DMA, 64QFN

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