

Specifications	
Part Number	PIC24F08KM204T-I/ML
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 8KB FLASH 44QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2571 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	44-QFN (8x8)
Speed	32MHz
Series	PIC® XLP™ 24F
RAM Size	2K x 8
Program Memory Type	FLASH
Program Memory Size	8KB (2.75K x 24)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Packaging	Tape & Reel (TR)
Package / Case	44-VQFN Exposed Pad
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	38
EEPROM Size	512 x 8
Data Converters	A/D 22x10b/12b, D/A 2x8b
Core Size	16-Bit
Core Processor	PIC
Connectivity	I²C, IrDA, LIN, SPI, UART/USART

In:				
 PIC24F08KM204-E/PT Microchip Technology IC MCU 16BIT 8KB FLASH 44TQFP	 PIC24F08KM204T-I/MV Microchip Technology IC MCU 16BIT 8KB FLASH 48UQFN	 PIC24F08KM204-I/MV Microchip Technology IC MCU 16BIT 8KB FLASH 48UQFN	 PIC24F08KM204T-I/PT Microchip Technology IC MCU 16BIT 8KB FLASH 44TQFP	
 PIC24F16KA101-E/MQ Microchip Technology IC MCU 16BIT 16KB FLASH 20QFN	 PIC24F08KM204-I/ML Microchip Technology IC MCU 16BIT 8KB FLASH 44QFN	 PIC24F16KA101-E/SO Microchip Technology IC MCU 16BIT 16KB FLASH 20SOIC	 PIC24F08KM204-E/MV Microchip Technology IC MCU 16BIT 8KB FLASH 48UQFN	

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