

PIC18F4553-I/ML



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See Product Specifications for product details.
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Part Number: [PIC18F4553-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44QFN

Data sheet: [PDF **PIC18Fx458, x553 Rev. B7 Errata**](#)
[PDF **PIC18Fx458, x553 Datasheet**](#)
[PDF **PIC18Fx458, x553 Revision B6 Errata**](#)
[PDF **PIC18Fx458, x553 Revision B5 Errata**](#)

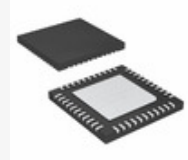
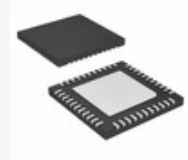
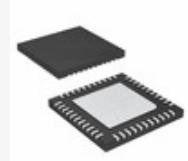
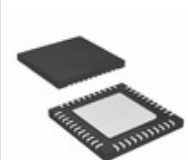
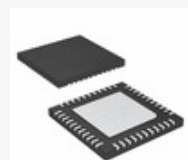
RoHs Status: Lead free / RoHS Compliant

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PRODUCT PARAMETER			
Part Number	PIC18F4553-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	15124 pcs	Data sheet	PIC18Fx458, x553 Rev. B7 Errata PIC18Fx458, x553 Datasheet PIC18Fx458, x553 Revision B6 Errata PIC18Fx458, x553 Revision B5 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	44-QFN (8x8)	Speed	48MHz
Series	PIC® 18F	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, HLVD, POR, PWM, WDT	Packaging	Tube
Package / Case	44-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	34
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	4 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 48MHz 32KB (16K x 16) FLASH 44-QFN (8x8)	Data Converters	A/D 13x12b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, SPI, UART/USART, USB	Base Part Number	PIC18F4553
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 Part#: PIC18F458-E/L Description: IC MCU 8BIT 32KB FLASH 44PLCC	Manufacturers: Micrel / Microchip Technology		RFQ
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 Part#: PIC18F4553-IP Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology		RFQ
 Part#: PIC18F4539T-E/ML Description: IC MCU 8BIT 24KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology		RFQ
 Part#: PIC18F458-I/P Description: IC MCU 8BIT 32KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology		RFQ
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