

PIC18F4580T-I/ML



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Part Number: [PIC18F4580T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 44QFN

Data sheet:

 [PIC18Fxx80 Revision A1 Errata](#)

 [PIC18F2x80, 4x80 Data Sheet](#)

 [PIC18F\(2, 4\)zzz Programming Specification](#)

 [PIC18F2x80,4x80 Errata & DataSheet](#)

 [PIC18F2x80, 4x80 Data Sheet Errata](#)

 [Timer1 Errata](#)

 [PIC18F2x80, 4x80 Rev B0 Errata](#)

RoHs Status: Contains lead / RoHS non-compliant

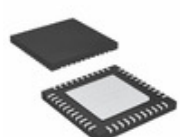
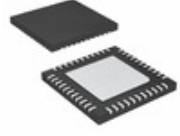
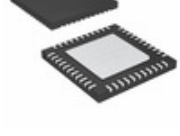
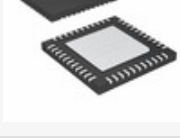
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PRODUCT PARAMETER			
Part Number	PIC18F4580T-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 44QFN	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	4199 pcs	Data sheet	PIC18Fxx80 Revision A1 Errata PIC18F2x80, 4x80 Data Sheet PIC18F(2, 4)zzz Programming Specification PIC18F2x80,4x80 Errata & DataSheet Clarification PIC18F2x80, 4x80 Data Sheet Errata Timer1 Errata PIC18F2x80, 4x80 Rev B0 Errata

Category	[Integrated Circuits \(ICs\)](#)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	44-QFN (8x8)	Speed	40MHz
Series	PIC® 18F	RAM Size	1.5K x 8
Program Memory Type	FLASH	Program Memory Size	32KB (16K x 16)
Peripherals	Brown-out Detect/Reset, HLVD, 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	36
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
EEPROM Size	256 x 8	Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 32KB (16K x 16) FLASH 44-QFN (8x8)
Data Converters	A/D 11x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	PIC18F4580		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 4199 pieces of Micrel / Microchip Technology PIC18F4580T-I/ML in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

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	Part#: PIC18F4585-I/ML Description: IC MCU 8BIT 48KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4580-I/PT Description: IC MCU 8BIT 32KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4585-H/P Description: IC MCU 8BIT 48KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4580-E/P Description: IC MCU 8BIT 32KB FLASH 40DIP	Manufacturers: Micrel / Microchip Technology	RFQ
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RoHS

