

PIC18F4580-I/P



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See Product Specifications for product details.
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Part Number: [PIC18F4580-I/P](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 40DIP

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](#)

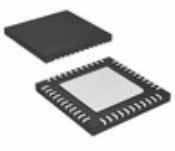
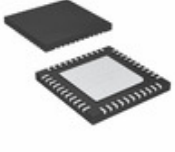
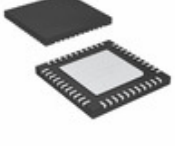
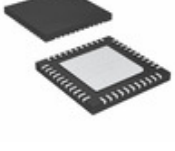
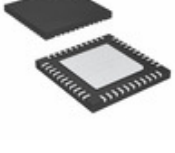
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC18F4580-I/P	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 40DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20273 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	40-PDIP	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	Tube
Package / Case	40-DIP (0.600", 15.24mm)	Other Names	PIC18F4580IP
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	36	Moisture Sensitivity Level (MSL)	Not Applicable
Manufacturer Standard Lead Time	23 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	256 x 8	Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 32KB (16K x 16) FLASH 40-PDIP
Data Converters	A/D 11x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	PIC18F4580		
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	Part#: PIC18F4580T-I/ML Description: IC MCU 8BIT 32KB FLASH 44QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F458-E/L Description: IC MCU 8BIT 32KB FLASH 44PLCC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F4585-H/PT Description: IC MCU 8BIT 48KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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