

PIC18F2580-E/ML



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Part Number: [PIC18F2580-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 28QFN

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

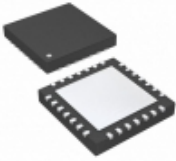
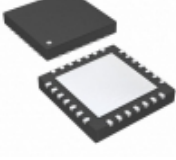
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC18F2580-E/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	17692 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 PIC18F2x80, 4x80 Rev B0 Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Supplier Device Package	28-QFN (6x6)	Speed	25MHz
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	28-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	25
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	17 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	256 x 8
Detailed Description	PIC PIC® 18F Microcontroller IC 8-Bit 25MHz 32KB (16K x 16) FLASH 28-QFN (6x6)	Data Converters	A/D 8x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	CANbus, I²C, SPI, UART/USART	Base Part Number	PIC18F2580
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	Part#: PIC18F2585-H/SO Description: IC MCU 8BIT 48KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18F258-E/SO Description: IC MCU 8BIT 32KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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