

PIC18LF2580T-I/ML





Part Number: [PIC18LF2580T-I/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 32KB FLASH 28QFN

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

RoHs Status: Lead free / RoHS Compliant

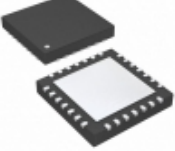
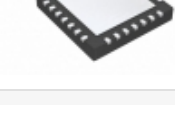
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PRODUCT PARAMETER			
Part Number	PIC18LF2580T-I/ML	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 32KB FLASH 28QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4692 pcs	Data sheet	PIC18F2x80, 4x80 Data Sheet PIC18F2x80, 4x80 Data Sheet Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Supplier Device Package	28-QFN (6x6)	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	28-VQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	25
Moisture Sensitivity Level (MSL)	1 (Unlimited)	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 28-QFN (6x6)
Data Converters	A/D 8x10b	Core Size	8-Bit
Core Processor	PIC	Connectivity	CANbus, I²C, SPI, UART/USART
Base Part Number	PIC18LF2580		
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	Part#: PIC18LF258-I/SO Description: IC MCU 8BIT 32KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18LF258-I/SP Description: IC MCU 8BIT 32KB FLASH 28SDIP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF2580-I/ML Description: IC MCU 8BIT 32KB FLASH 28QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF2553-I/SO Description: IC MCU 8BIT 32KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18LF2585-I/SO Description: IC MCU 8BIT 48KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF2580-I/SO Description: IC MCU 8BIT 32KB FLASH 28SOIC	Manufacturers: Micrel / Microchip Technology	RFQ
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