

PIC18LF2431-I/SP



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Part Number: [PIC18LF2431-I/SP](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 16KB FLASH 28SDIP

Data sheet:

 [PICDEM MC Development Board Errata](#)

 [Timer1 Module Silicon Errata Sheet](#)

 [SSP Module Errata](#)

 [PIC18F2x31, 4x31 Rev A2 Silicon Errata](#)

 [Timer1 Errata](#)

 [PIC18F2x31, 4x31 Programming Specification](#)

 [PIC18F2x31, 4x31 Data Sheet Errata](#)

 [PIC18F2x31, 4x31 Data Sheet](#)

 [PIC18F2x31, 4x31 Rev A3 Silicon Errata](#)

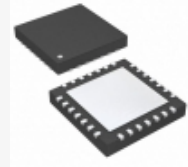
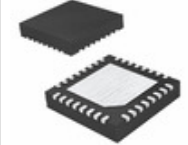
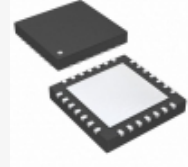
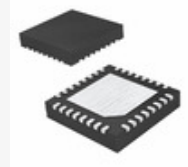
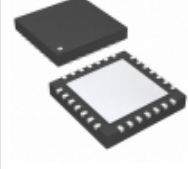
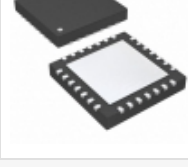
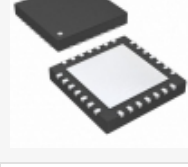
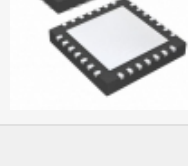
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

PRODUCT PARAMETER			
Part Number	PIC18LF2431-I/SP	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 16KB FLASH 28SDIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20385 pcs	Data sheet	PICDEM MC Development Board Errata Timer1 Module Silicon Errata Sheet SSP Module Errata PIC18F2x31, 4x31 Rev A2 Silicon Errata Timer1 Errata PIC18F2x31, 4x31 Programming Specification PIC18F2x31, 4x31 Data Sheet Errata PIC18F2x31, 4x31 Data Sheet PIC18F2x31, 4x31 Rev A3 Silicon Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Supplier Device Package	28-SPDIP	Speed	40MHz
Series	PIC® 18F	RAM Size	768 x 8
Program Memory Type	FLASH	Program Memory Size	16KB (8K x 16)
Peripherals	Brown-out Detect/Reset, LVD, Power Control PWM, QEI, POR, PWM, WDT	Packaging	Tube
Package / Case	28-DIP (0.300", 7.62mm)	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	24
Moisture Sensitivity Level (MSL)	1 (Unlimited)	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 16KB (8K x 16) FLASH 28-SPDIP	Data Converters	A/D 5x10b
Core Size	8-Bit	Core Processor	PIC
Connectivity	I²C, SPI, UART/USART	Base Part Number	PIC18LF2431
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