




	PIC18F27K42T-I/ML
	Manufacturer Part Number: PIC18F27K42T-I/ML
	Manufacturer/Brand: Micrel / Microchip Technology
	Part of Description: IC MCU 8BIT 128KB FLASH 28QFN
Datasheets:  PIC18F27K42T-I/ML.pdf	RoHS Status:  Lead free / RoHS
Stock Condition: Compliant New original, 2531 pcs Stock Available.	Ship From: Hong Kong
Image may be representation. See specs for product details.	Shipment Way: DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	PIC18F27K42T-I/ML
Manufacturer	Micrel / Microchip Technology
Description	IC MCU 8BIT 128KB FLASH 28QFN
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2531 pcs Stock
Voltage - Supply (Vcc/Vdd)	2.3 V ~ 5.5 V
Supplier Device Package	28-QFN (6x6)
Speed	64MHz
Series	PIC® XLP™ 18K
RAM Size	8K x 8
Program Memory Type	FLASH
Program Memory Size	128KB (64K x 16)
Peripherals	Brown-out Detect/Reset, DMA, HLVD, POR, PWM, WDT
Packaging	Tape & Reel (TR)
Package / Case	28-VQFN Exposed Pad
Other Names	PIC18F27K42T-I/MLTR
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	25
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	4 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	1K x 8
Detailed Description	PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz
Data Converters	A/D 24x12b, D/A 1x5b
Core Size	8-Bit
Core Processor	PIC
Connectivity	I²C, LINbus, SPI, UART/USART

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In:  PIC18F4220-E/P Microchip Technology IC MCU 8BIT 4KB FLASH 40DIP	 PIC18F4220-E/ML Microchip Technology IC MCU 8BIT 4KB FLASH 44QFN	 PIC18F27K42-E/SS Micrel / Microchip Technology IC MCU 8BIT 128KB FLASH 28SSOP	 PIC18F27Q10-I/SO MICROCHIP
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