

PIC18LF56K42T-I/MV



Part Number: [PIC18LF56K42T-I/MV](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: 64KB FLASH, 4KB RAM, 256B EEPROM

Data sheet:  [PIC18\(L\)F26 to 56K42 Errata](#)
 [PIC18\(L\)F26 to 57K42 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

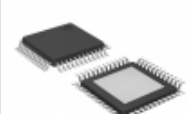
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PRODUCT PARAMETER			
Part Number	PIC18LF56K42T-I/MV	Manufacturer	Micrel / Microchip Technology
Description	64KB FLASH, 4KB RAM, 256B EEPROM	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	57102 pcs	Data sheet	PIC18(L)F26 to 56K42 Errata PIC18(L)F26 to 57K42 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	48-UQFN (6x6)	Speed	64MHz
Series	PIC® XLP™ 18K	RAM Size	4K x 8
Program Memory Type	FLASH	Program Memory Size	64KB (32K x 16)
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	48-UQFN Exposed Pad	Other Names	PIC18LF56K42T-I/MVTR
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	44	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	5 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 64KB (32K x 16) FLASH 48-UQFN (6x6)
Data Converters	A/D 43x12b, D/A 1x5b	Core Size	8-Bit
Core Processor	PIC	Connectivity	I²C, LINbus, SPI, UART/USART
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	Part#: PIC18LF55K42T-I/PT Description: FLASH, 2KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF6310-I/PT Description: IC MCU 8BIT 8KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF55K42T-I/MV Description: 32KB FLASH, 2KB RAM, 256B EEPROM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF55K42-E/PT Description: FLASH, 2KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: PIC18LF6310T-I/PT Description: IC MCU 8BIT 8KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF56K42T-I/PT Description: FLASH, 4KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF57K42T-I/MV Description: IC MCU 8BIT 128KB FLASH 48UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF55K42-I/PT Description: FLASH, 2KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF56K42-E/PT Description: FLASH, 4KB RAM	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: PIC18LF57K42-E/PT Description: IC MCU 8BIT 128KB FLASH 48TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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