



Micrel / Microchip Technology

PIC18F55K42-E/MV

Part Number:	PIC18F55K42-E/MV
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	32KB FLASH, 2KB RAM, 256B EEPROM
Datasheets:	1.PIC18F55K42-E/MV.pdf 2.PIC18F55K42-E/MV.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of PIC18F55K42-E/MV

PART NUMBER	PIC18F55K42-E/MV
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	32KB FLASH, 2KB RAM, 256B EEPROM
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.PIC18F55K42-E/MV.pdf 2.PIC18F55K42-E/MV.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	48-UQFN (6x6)
SPEED	64MHz
SERIES	PIC® XLP™ 18K
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (16K x 16)
PERIPHERALS	Brown-out Detect/Reset, LVD, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	48-UFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°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	256 x 8
DETAILED DESCRIPTION	PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 32KB (16K x 16) FLASH 48-UQFN (6x6)
DATA CONVERTERS	A/D 43x12b, D/A 1x5b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I ² C, LINbus, SPI, UART/USART

Related Tags

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Related Products

<p>PIC18F55K42-E/PT Manufacturers: Micrel / Microchip Technology Description: FLASH, 2KB RAM In stock: 440 pcs RFQ</p>	<p>PIC18F56K42-E/MV Manufacturers: Micrel / Microchip Technology Description: 64KB FLASH, 4KB RAM, 256B EEPROM In stock: 732 pcs RFQ</p>
<p>PIC18F55K42T-I/MV Manufacturers: Micrel / Microchip Technology Description: 32KB FLASH, 2KB RAM, 256B EEPROM In stock: Out stock RFQ</p>	<p>PIC18F55K42-I/MV Manufacturers: Micrel / Microchip Technology Description: 32KB FLASH, 2KB RAM, 256B EEPROM In stock: 954 pcs RFQ</p>
<p>PIC18F47K42-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44TQFP In stock: 383 pcs RFQ</p>	<p>PIC18F47K42T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44QFN In stock: Out stock RFQ</p>
<p>PIC18F47K42-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 40DIP In stock: 421 pcs RFQ</p>	<p>PIC18F47K42T-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 40UQFN In stock: Out stock RFQ</p>
<p>PIC18F55K42-I/PT Manufacturers: Micrel / Microchip Technology Description: FLASH, 2KB RAM In stock: 476 pcs RFQ</p>	<p>PIC18F55K42T-I/PT Manufacturers: Micrel / Microchip Technology Description: FLASH, 2KB RAM In stock: Out stock RFQ</p>
<p>PIC18F47K42T-I/PT Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 44TQFP In stock: Out stock RFQ</p>	<p>PIC18F47K42-I/MV Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 128KB FLASH 40UQFN In stock: 562 pcs RFQ</p>