



Micrel / Microchip Technology

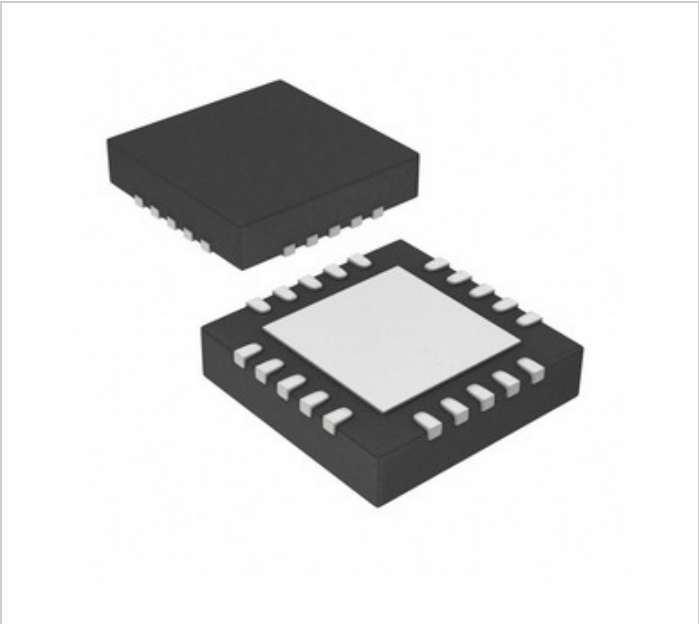


Image may be representation. See specifications for product details.

PIC16F690-E/ML

Part Number:
Manufacturer/Brand:
Product description

PIC16F690-E/ML
Micrel / Microchip Technology
IC MCU 8BIT 7KB FLASH 20QFN

 1.PIC16F690-E/ML.pdf
 2.PIC16F690-E/ML.pdf
 3.PIC16F690-E/ML.pdf
 4.PIC16F690-E/ML.pdf
 5.PIC16F690-E/ML.pdf
 6.PIC16F690-E/ML.pdf
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RoHs Status
Ship From
Shipment Way

 Lead free / RoHS Compliant
Hong Kong
DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

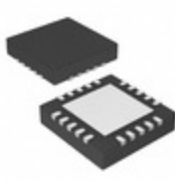
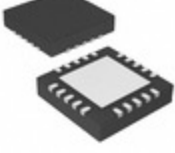
Specifications of PIC16F690-E/ML

PART NUMBER	PIC16F690-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 7KB FLASH 20QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.PIC16F690-E/ML.pdf  2.PIC16F690-E/ML.pdf  3.PIC16F690-E/ML.pdf  4.PIC16F690-E/ML.pdf  5.PIC16F690-E/ML.pdf  6.PIC16F690-E/ML.pdf  7.PIC16F690-E/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	20-QFN (4x4)
SPEED	20MHz
SERIES	PIC® 16F
RAM SIZE	256 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	7KB (4K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	20-VFQFN Exposed Pad
OTHER NAMES	PIC16F690EML
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	18
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	14 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	256 x 8
DETAILED DESCRIPTION	PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 7KB (4K x 14) FLASH 20-QFN (4x4)
DATA CONVERTERS	A/D 12x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I²C, SPI, UART/USART
BASE PART NUMBER	PIC16F690

Related Tags

Micrel / Microchip Technology PIC16F690-E/ML	PIC16F690-E/ML Distributor	PIC16F690-E/ML Supplier
PIC16F690-E/ML Price	PIC16F690-E/ML Pictures	PIC16F690-E/ML Image
PIC16F690-E/ML PDF Datasheet	PIC16F690-E/ML Download Datasheet	PIC16F690-E/ML Datasheet
PIC16F690-E/ML Stock	Buy PIC16F690-E/ML	Buy Micrel / Microchip Technology PIC16F690-E/ML
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Related Products

 PIC16F690-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20SOIC In stock: Out stock RFQ	 PIC16F689T-I/ML Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20QFN In stock: Out stock RFQ
 PIC16F690-E/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20DIP In stock: 405 pcs RFQ	 PIC16F689-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20SOIC In stock: Out stock RFQ
 PIC16F689T-I/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20SOIC In stock: Out stock RFQ	 PIC16F690-E/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20SSOP In stock: 755 pcs RFQ
 PIC16F690-E/SO Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20SOIC In stock: 175 pcs RFQ	 PIC16F689T-I/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20SSOP In stock: Out stock RFQ
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 PIC16F690-I/P Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20DIP In stock: Out stock RFQ	 PIC16F689-I/SS Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 7KB FLASH 20SSOP In stock: Out stock RFQ

