



### PIC16F690-E/ML Information



For Reference Only

Part Number PIC16F690-E/ML

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
Embedded - Microcontrollers

**Description** IC MCU 8BIT 7KB FLASH 20QFN

Package 20-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# PIC16F690-E/ML Specifications

Manufacturer Part Number	PIC16F690-E/ML
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs)
	Embedded - Microcontrollers
Package	20-VFQFN Exposed Pad
Series	PIC? 16F
Core Processor	PIC
Core Size	8-Bit
Speed	20MHz
Connectivity	I2C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, POR, PWM, WDT
Number of I/O	18
Program Memory Size	7KB (4K x 14)
Program Memory Type	FLASH
EEPROM Size	256 x 8
RAM Size	256 x 8
Voltage - Supply (Vcc/Vdd)	2 V ~ 5.5 V
Data Converters	A/D 12x10b
Oscillator Type	Internal
Operating Temperature	$-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TA)}$
Mounting Type	-
Package / Case	20-VFQFN Exposed Pad
Supplier Device Package	20-QFN (4x4)
	Report errors?

### PIC16F690-E/ML Guarantees



### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## PIC16F690-E/ML Payment Methods



















# PIC16F690-E/ML Shipping Methods













If you have any question about PIC16F690-E/ML, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com