

PIC18F442-E/ML Information


For Reference Only

Part Number [PIC18F442-E/ML](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[Embedded - Microcontrollers](#)
Description IC MCU 8BIT 16KB FLASH 44QFN
Package 44-VQFN 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.


PIC18F442-E/ML Specifications

Manufacturer Part Number	PIC18F442-E/ML
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) Embedded - Microcontrollers
Package	44-VQFN Exposed Pad
Series	PIC? 18F
Core Processor	PIC
Core Size	8-Bit
Speed	40MHz
Connectivity	I2C, SPI, UART/USART
Peripherals	Brown-out Detect/Reset, LVD, POR, PWM, WDT
Number of I/O	34
Program Memory Size	16KB (8K x 16)
Program Memory Type	FLASH
EEPROM Size	256 x 8
RAM Size	768 x 8
Voltage - Supply (Vcc/Vdd)	4.2 V ~ 5.5 V
Data Converters	A/D 8x10b
Oscillator Type	External
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	-
Package / Case	44-VQFN Exposed Pad
Supplier Device Package	44-QFN (8x8)

[Report errors?](#)

PIC18F442-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.

PIC18F442-E/ML Payment Methods



PIC18F442-E/ML Shipping Methods



If you have any question about PIC18F442-E/ML, please do not hesitate to contact us!

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