




Micrel / Microchip Technology

## PIC18F4682-E/ML

Part Number:	PIC18F4682-E/ML
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 80KB FLASH 44QFN <a href="#">PDF</a> 1.PIC18F4682-E/ML.pdf <a href="#">PDF</a> 2.PIC18F4682-E/ML.pdf <a href="#">PDF</a> 3.PIC18F4682-E/ML.pdf <a href="#">PDF</a> 4.PIC18F4682-E/ML.pdf
Datasheets:	
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 PIC18F4682-E/ML

PART NUMBER	PIC18F4682-E/ML
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 80KB FLASH 44QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.PIC18F4682-E/ML.pdf <a href="#">PDF</a> 2.PIC18F4682-E/ML.pdf <a href="#">PDF</a> 3.PIC18F4682-E/ML.pdf <a href="#">PDF</a> 4.PIC18F4682-E/ML.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.2 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	44-QFN (8x8)
SPEED	40MHz
SERIES	PIC® 18F
RAM SIZE	3.25K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	80KB (40K x 16)
PERIPHERALS	Brown-out Detect/Reset, HLVD, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	44-VQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	36
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 80KB (40K x 16) FLASH 44-QFN (8x8)
DATA CONVERTERS	A/D 11x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	CANbus, I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	PIC18F4682

### Related Tags

Micrel / Microchip Technology PIC18F4682-E/ML	PIC18F4682-E/ML Distributor	PIC18F4682-E/ML Supplier
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### Related Products

 <p><b>PIC18F4682-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 80KB FLASH 44TQFP                  In stock: 270 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC18F4682-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 80KB FLASH 44QFN                  In stock: 40 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC18F4680-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 64KB FLASH 40DIP                  In stock: 59 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC18F4680T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 64KB FLASH 44QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC18F4680-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 64KB FLASH 44QFN                  In stock: 415 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC18F4680-H/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 64KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC18F4682-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 80KB FLASH 40DIP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC18F4682-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 80KB FLASH 44TQFP                  In stock: 117 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC18F4682-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 80KB FLASH 40DIP                  In stock: 9 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC18F4680T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 64KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC18F4682T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 80KB FLASH 44QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC18F4680-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 64KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>

