

PIC16F1769-E/ML



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Part Number: [PIC16F1769-E/ML](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 20QFN

Data sheet:  [PIC16\(L\)F1764,5,8,9 Brief](#)  
 [PIC16\(L\)F1764/5/8/9 Datasheet](#)

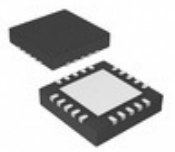
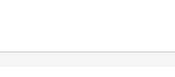
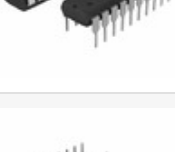
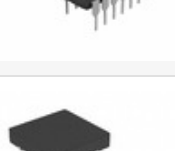
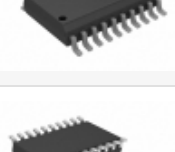
RoHs Status: Lead free / RoHS Compliant

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                    |                                 |                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | PIC16F1769-E/ML                                                                    | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                              |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | IC MCU 8BIT 14KB FLASH 20QFN                                                       | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 58982 pcs                                                                          | Data sheet                      | <a href="#">PIC16(L)F1764,5,8,9 Brief</a><br><a href="#">PIC16(L)F1764/5/8/9 Datasheet</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Supply (Vcc/Vdd)      | 2.3 V ~ 5.5 V                                                                              |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 20-QFN (4x4)                                                                       | Speed                           | 32MHz                                                                                      |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | PIC® XLP™ 16F                                                                      | RAM Size                        | 1K x 8                                                                                     |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | FLASH                                                                              | Program Memory Size             | 14KB (8K x 14)                                                                             |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Brown-out Detect/Reset, POR, PWM, WDT                                              | Packaging                       | Tube                                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 20-VFQFN Exposed Pad                                                               | 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 | 12 Weeks                                                                                   |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Lead free / RoHS Compliant                                                         | EEPROM Size                     | 128 x 8                                                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 20-QFN (4x4) | Data Converters                 | A/D 12x10b, D/A 2x5b, 2x10b                                                                |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8-Bit                                                                              | Core Processor                  | PIC                                                                                        |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | I²C, LINbus, SPI, UART/USART                                                       | Base Part Number                | PIC16F1769                                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Micrel / Microchip Technology series electronic components. We have 58982 pieces of Micrel / Microchip Technology PIC16F1769-E/ML in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                                                    |                                 |                                                                                            |

| RELATED PRODUCTS                                                                   |                                                                                       |                                                              |                |
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|  | Part#: <a href="#">PIC16F1769-I/SS</a><br>Description: IC MCU 8BIT 14KB FLASH 20SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">PIC16F1769-E/P</a><br>Description: IC MCU 8BIT 14KB FLASH 20DIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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Related keywords for PIC16F1769-E/ML

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