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|---|---|
|   | <b>PIC16F871-E/L</b>  |
|   | <b>Manufacturer Part Number:</b> PIC16F871-E/L  |
|  | <b>Manufacturer/Brand:</b> Micrel / Microchip Technology  |
|   | <b>Part of Description:</b> IC MCU 8BIT 3.5KB FLASH 44PLCC  |
|   | <b>Datasheets:</b> <ul style="list-style-type: none"> <li> <a href="#">1.PIC16F871-E/L.pdf</a></li> <li> <a href="#">2.PIC16F871-E/L.pdf</a></li> <li> <a href="#">3.PIC16F871-E/L.pdf</a></li> <li> <a href="#">4.PIC16F871-E/L.pdf</a></li> <li> <a href="#">5.PIC16F871-E/L.pdf</a></li> <li> <a href="#">6.PIC16F871-E/L.pdf</a></li> </ul> |
|   | <b>RoHs Status:</b>  Lead free / RoHS  |
|   | <b>Stock Condition:</b> Compliant<br>New original, Stock Available.   |
|   | <b>Ship From:</b> Hong Kong   |
| <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS  |   |
| <p>Image may be representation.<br/>See specs for product details.</p>            |   |









**Specifications**

|                            |   |
|----------------------------|---|
| Part Number                | PIC16F871-E/L   |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 8BIT 3.5KB FLASH 44PLCC                          |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | Require For Quote & Check Stock                         |
| Series                     | PIC® 16F  |
| Operating Temperature      | -40°C ~ 125°C (TA)                                      |
| Package / Case             | 44-LCC (J-Lead)   |
| Supplier Device Package    | 44-PLCC (16.59x16.59)                                   |
| Peripherals                | Brown-out Detect/Reset, POR, PWM, WDT                   |
| Core Processor             | PIC   |
| Speed                      | 20MHz   |
| Number of I/O              | 33  |
| EEPROM Size                | 64 x 8  |
| RAM Size                   | 128 x 8   |
| Core Size                  | 8-Bit   |
| Connectivity               | UART/USART  |
| Program Memory Size        | 3.5KB (2K x 14)   |
| Program Memory Type        | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 4 V ~ 5.5 V   |
| Data Converters            | A/D 8x10b   |
| Oscillator Type            | External  |
| Packaging                  | Tube  |

PIC16F871-E/L is New Original in Stock, Search PIC16F871-E/L Datasheets, PDF, Inventory at Y-IC.com Online, Order PIC16F871-E/L Micrel / Microchip Technology with warrantied and confidence. RFQ PIC16F871-E/L : Info@Y-IC.com

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|  <p><b>PIC16F870T-I/SO</b><br/>Micrel / Microchip Technology<br/>IC MCU 8BIT 3.5KB FLASH<br/>28SOIC</p> |  <p><b>PIC16F871-E/PT</b><br/>Micrel / Microchip Technology<br/>IC MCU 8BIT 3.5KB FLASH<br/>44TQFP</p> |  <p><b>PIC16F870T-E/SO</b><br/>Micrel / Microchip Technology<br/>IC MCU 8BIT 3.5KB FLASH<br/>28SOIC</p> |  <p><b>PIC16F871-I/PT</b><br/>Micrel / Microchip Technology<br/>IC MCU 8BIT 3.5KB FLASH<br/>44TQFP</p> |

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| ↳ ADA4841-1YRZ-R7    | # AP4232GM        | D AQV217SX           | ⇒ ATF16LV8C-10JI   | ⇒ CA3080AE           |
| # CD4047BCM          | ↳ DS36C278M       | # DS75451N           | ↔ FXL4T245BQX      | ⇒ GRM3196P2A241JZ01D |
| D GRM31CB10J106KA01L | # HK10051N8S-T    | ↳ IXTH12N100         | # LB2016T560K      | ⇒ LE792388VQC        |
| ⇒ LT8609IMSE#PBF     | ↔ LTC3701EGN      | # MAX985EUK-T        | ↳ MC33902DR2       | ⇒ MCC71-16           |
| ↔ MCP1318MT-46LE/OT  | ⇒ N2172ZC400      | D PDTB113EK          | # PIC16F1508T-I/ML | ↳ PS2761B-1Y-A       |
| # QCA150-050         | D RC1117S33T      | ⇒ S-24C02BPN-TF-G    | ↔ SDP2600Q38CB     | ⇒ SGL41-40-E3/96     |
| ↳ SI1307EDL-T1-GE3   | # SI3981DV-T1-GE3 | ↔ SIS888DN-T1-GE3    | ⇒ SKY12322-86LF    | ⇒ SMBJ30A-TR         |
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