

| Spezifikationen                   |                                               |
|-----------------------------------|-----------------------------------------------|
| Artikelnummer                     | PIC16F877A-E/ML                               |
| Hersteller                        | Micrel / Microchip Technology                 |
| Beschreibung                      | IC MCU 8BIT 14KB FLASH 44QFN                  |
| Kategorie                         | Integrierte Schaltungen (ICs) > Eingebettet - |
| Teilstatus                        | 2637 pcs Stock                                |
| Spannung - Versorgung (Vcc / Vdd) | 4 V ~ 5.5 V                                   |
| Supplier Device-Gehäuse           | 44-QFN (8x8)                                  |
| Geschwindigkeit                   | 20MHz                                         |
| Serie                             | PIC® 16F                                      |
| RAM-Größe                         | 368 x 8                                       |
| Programmspeichertyp               | FLASH                                         |
| Programmspeichergröße             | 14KB (8K x 14)                                |
| Peripherals                       | Brown-out Detect/Reset, POR, PWM, WDT         |
| Verpackung                        | Tube                                          |
| Verpackung / Gehäuse              | 44-VQFN Exposed Pad                           |
| Oszillatortyp                     | External                                      |
| Betriebstemperatur                | -40°C ~ 125°C (TA)                            |
| Anzahl der E / A                  | 33                                            |
| EEPROM Größe                      | 256 x 8                                       |
| Datenwandler                      | A/D 8x10b                                     |
| Kerngröße                         | 8-Bit                                         |
| Core-Prozessor                    | PIC                                           |
| Connectivity                      | I²C, SPI, UART/USART                          |

sein:



**PIC16F877A-E/L**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH  
44PLCC



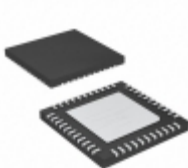
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**PIC16F877A-1/PT**  
MICROCHI



**PIC16F877A DEVELOPMENT BOARD  
KIT**

Custom Computer Services  
DEVELOPMENT BOARD FOR  
PIC16F877A



**PIC16F877A-I/ML**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH 44QFN

The image displays a PIC16F877A-1 microcontroller chip, a 40-pin DIP package. The chip is shown in a perspective view, highlighting its gold-colored pins and the black plastic body. Below the chip, a detailed pinout diagram is provided, showing the 40 pins arranged in two rows of 20. The diagram includes the pin numbers (1-40) and the corresponding pin names (e.g., MCLR, VDD, VSS, RA0, RA1, etc.). The pin names are color-coded: blue for input pins, red for output pins, and black for power pins. The diagram also shows the internal architecture of the chip, including the CPU, memory, and peripheral modules.

 **PIC16F877A-I/LG**  
Microchip Technology  
IC MCU 8BIT 14KB FLASH  
44PLCC

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**PIC16F877A-E/PT**  
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IC MCU 8BIT 14KB FLASH  
44TQFP

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**PIC16F877A-I/L**  
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44PLCC

Mehr

|                                     |                             |                              |                       |                                                  |
|-------------------------------------|-----------------------------|------------------------------|-----------------------|--------------------------------------------------|
| PIC16F877A-E / Microchip Technology | PIC16F877A-E/ML Datenblatt  | PIC16F877A-E/ML-Datenblätter | PIC16F877A-E/ML PDF   | Micrel / Microchip Technology<br>PIC16F877A-E/ML |
| PIC16F877A-E/ML Electronic          | PIC16F877A-E/ML-Komponenten | PIC16F877A-E/ML-Verteiler    | PIC16F877A-E/ML-Bild  | PIC16F877A-E/ML-Teil                             |
| PIC16F877A-E/ML Preis               | PIC16F877A-E/ML Hersteller  | PIC16F877A-E/ML Bild         | PIC16F877A-E/ML Aktie | PIC16F877A-E/ML Inventar                         |
| PIC16F877A-E/ML Neu                 | PIC16F877A-E/ML Original    | PIC16F877A-E/ML garantiert   | PIC16F877A-E/ML RFQ   | PIC16F877A-E/ML Online bestellen                 |