



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC16F18877-E/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F18877-E/PT                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 56KB FLASH 44TQFP                                                                                |
| Datasheets:         |  1.PIC16F18877-E/PT.pdf     |
|                     |  2.PIC16F18877-E/PT.pdf     |
| RoHS Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

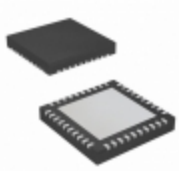
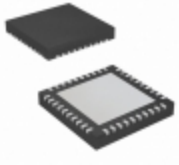
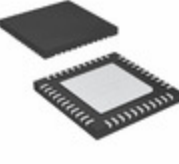
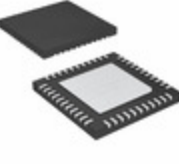
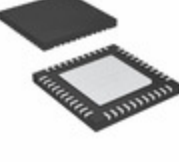
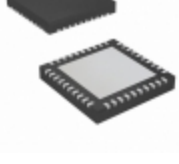
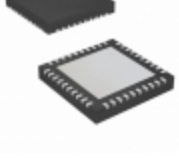
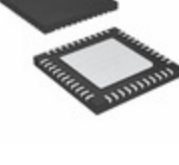
Specifications of PIC16F18877-E/PT

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F18877-E/PT                                                                                                                                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 8BIT 56KB FLASH 44TQFP                                                                                                                                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| DATA SHEET                       |  1.PIC16F18877-E/PT.pdf<br> 2.PIC16F18877-E/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                          |
| SPEED                            | 32MHz                                                                                                                                                                                                                    |
| SERIES                           | PIC® XLP™ 16F                                                                                                                                                                                                            |
| RAM SIZE                         | 4K x 8                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 56KB (32K x 14)                                                                                                                                                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                    |
| PACKAGING                        | Tray                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                  |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 36                                                                                                                                                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                                                                                                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                               |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                  |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 56KB (32K x 14) FLASH 44-TQFP (10x10)                                                                                                                                   |
| DATA CONVERTERS                  | A/D 35x10b, D/A 1x5b                                                                                                                                                                                                     |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                    |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                      |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                             |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16F18877-E/PT | PIC16F18877-E/PT Distributor           | PIC16F18877-E/PT Supplier                               |
| PIC16F18877-E/PT Price                         | PIC16F18877-E/PT Pictures              | PIC16F18877-E/PT Image                                  |
| PIC16F18877-E/PT PDF Datasheet                 | PIC16F18877-E/PT Download Datasheet    | PIC16F18877-E/PT Datasheet                              |
| PIC16F18877-E/PT Stock                         | Buy PIC16F18877-E/PT                   | Buy Micrel / Microchip Technology PIC16F18877-E/PT      |
| Micrel / Microchip Technology PIC16F18877-E/PT | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F18877-E/PT | Microchip Technology PIC16F18877-E/PT  | Roving Networks / Microchip Technology PIC16F18877-E/PT |

Related Products

|                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                    |
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|  <div><b>PIC16F18877T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 40UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC16F18877-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 40DIP<br/>In stock: 601 pcs<br/><div>RFQ</div></div>      |
|  <div><b>PIC16F18877-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 44TQFP<br/>In stock: 846 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16F18876T-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40UQFN<br/>In stock: Out stock<br/><div>RFQ</div></div> |
|  <div><b>PIC16F18877-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 44QFN<br/>In stock: 1 pcs<br/><div>RFQ</div></div>       |  <div><b>PIC16F18877-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
|  <div><b>PIC16F18876T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 44TQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> |  <div><b>PIC16F18876T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 40QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
|  <div><b>PIC16F18877-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 40UQFN<br/>In stock: 215 pcs<br/><div>RFQ</div></div>    |  <div><b>PIC16F18877-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 40UQFN<br/>In stock: 288 pcs<br/><div>RFQ</div></div>    |
|  <div><b>PIC16F18877T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 44QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>  |  <div><b>PIC16F18877-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 56KB FLASH 40DIP<br/>In stock: 8 pcs<br/><div>RFQ</div></div>        |