

Microchip Technology



PIC16F1826T-I/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F1826T-I/SO                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 3.5KB FLASH 18SOIC                                                                               |
|                     |  1.PIC16F1826T-I/SO.pdf     |
|                     |  2.PIC16F1826T-I/SO.pdf     |
|                     |  3.PIC16F1826T-I/SO.pdf     |
|                     |  4.PIC16F1826T-I/SO.pdf     |
|                     |  5.PIC16F1826T-I/SO.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 87386 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

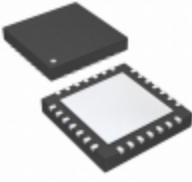
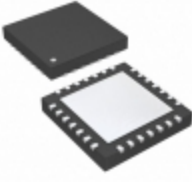
Specifications of PIC16F1826T-I/SO

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|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F1826T-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| MANUFACTURER                     | Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 18SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| QUANTITY AVAILABLE               | 87386 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DATA SHEET                       |  1.PIC16F1826T-I/SO.pdf<br> 2.PIC16F1826T-I/SO.pdf<br> 3.PIC16F1826T-I/SO.pdf<br> 4.PIC16F1826T-I/SO.pdf<br> 5.PIC16F1826T-I/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| VOLTAGE - BREAKDOWN              | 18-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| SERIES                           | PIC® XLP™ mTouch™ 16F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| ROHS STATUS                      | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| REVERSE RECOVERY TIME (TRR)      | 32MHz                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| REQUIRES                         | Brown-out Detect/Reset, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | 3.5KB (2K x 14)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | I²C, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| POLARIZATION                     | 18-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| OTHER NAMES                      | PIC16F1826T-I/SO-ND                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| OSCILLATOR TYPE                  | A/D 12x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| OPERATING SYSTEM                 | PIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MANUFACTURER PART NUMBER         | PIC16F1826T-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| EXPANDED DESCRIPTION             | PIC PIC® XLP™ mTouch™ 16F Microcontroller IC 8-Bit 32MHz 3.5KB (2K x 14) FLASH 18-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DESCRIPTION                      | IC MCU 8BIT 3.5KB FLASH 18SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DATA SRAM BYTES                  | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DATA CONVERTERS                  | 1.8 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| CORE SIZE                        | 256 x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| CONTROLLER SERIES                | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| CONNECTIVITY                     | 8-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| CLOCK RATE                       | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16F1826T-I/SO | PIC16F1826T-I/SO Distributor           | PIC16F1826T-I/SO Supplier                               |
| PIC16F1826T-I/SO Price                         | PIC16F1826T-I/SO Pictures              | PIC16F1826T-I/SO Image                                  |
| PIC16F1826T-I/SO PDF Datasheet                 | PIC16F1826T-I/SO Download Datasheet    | PIC16F1826T-I/SO Datasheet                              |
| PIC16F1826T-I/SO Stock                         | Buy PIC16F1826T-I/SO                   | Buy Micrel / Microchip Technology PIC16F1826T-I/SO      |
| Micrel / Microchip Technology PIC16F1826T-I/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F1826T-I/SO | Microchip Technology PIC16F1826T-I/SO  | Roving Networks / Microchip Technology PIC16F1826T-I/SO |

Related Products

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|  <b>PIC16F1827-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 18SOIC<br>In stock: 52517 pcs<br><b>RFQ</b>    |  <b>PIC16F1826-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18SOIC<br>In stock: 71758 pcs<br><b>RFQ</b> |
|  <b>PIC16F1826T-I/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28UQFN<br>In stock: 77828 pcs<br><b>RFQ</b> |  <b>PIC16F1827-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 28SSOP<br>In stock: 63398 pcs<br><b>RFQ</b>   |
|  <b>PIC16F1826-I/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 18DIP<br>In stock: 71118 pcs<br><b>RFQ</b>    |  <b>PIC16F1826T-I/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28QFN<br>In stock: 71876 pcs<br><b>RFQ</b> |
|  <b>PIC16F1826T-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 76394 pcs<br><b>RFQ</b> |  <b>PIC16F1826-I/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 28UQFN<br>In stock: 68563 pcs<br><b>RFQ</b> |
|  <b>PIC16F1827-E/P</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 18DIP<br>In stock: 47810 pcs<br><b>RFQ</b>      |  <b>PIC16F1826-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 3.5KB FLASH 20SSOP<br>In stock: 66810 pcs<br><b>RFQ</b> |
|  <b>PIC16F1827-E/MV</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 28UQFN<br>In stock: 64980 pcs<br><b>RFQ</b>    |  <b>PIC16F1827-E/ML</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 8BIT 7KB FLASH 28QFN<br>In stock: 58639 pcs<br><b>RFQ</b>    |