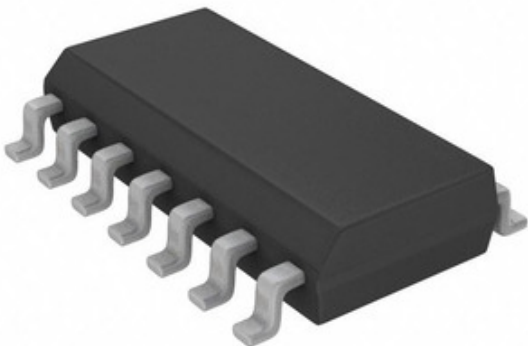


MICROCHIP

Micrel / Microchip Technology



PIC16F18425-E/SL

Part Number: PIC16F18425-E/SL

Manufacturer/Brand: Micrel / Microchip Technology

Product description: COMPARATOR, DAC, 12-BIT ADCC

Datasheets: [1.PIC16F18425-E/SL.pdf](#)  
[2.PIC16F18425-E/SL.pdf](#)

RoHs Status:  Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

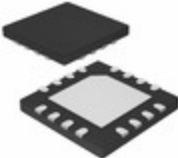
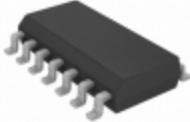
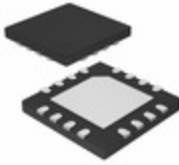
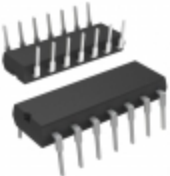
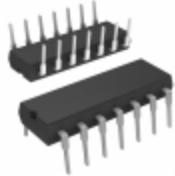
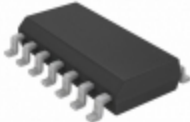
Specifications of PIC16F18425-E/SL

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F18425-E/SL                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                            |
| DESCRIPTION                      | COMPARATOR, DAC, 12-BIT ADCC                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| DATA SHEET                       | <a href="#">PDF 1.PIC16F18425-E/SL.pdf</a><br><a href="#">PDF 2.PIC16F18425-E/SL.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                            |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                  |
| 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                   | 14-SOIC (0.154", 3.90mm Width)                                                           |
| OSCILLATOR TYPE                  | External                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                       |
| NUMBER OF I/O                    | 11                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 7 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 14KB (8K x 14) FLASH 14-SOIC            |
| DATA CONVERTERS                  | A/D 11x12b, D/A 1x5b                                                                     |
| CORE SIZE                        | 8-Bit                                                                                    |
| CORE PROCESSOR                   | PIC                                                                                      |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                             |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC16F18425-E/SL | PIC16F18425-E/SL Distributor           | PIC16F18425-E/SL Supplier                               |
| PIC16F18425-E/SL Price                         | PIC16F18425-E/SL Pictures              | PIC16F18425-E/SL Image                                  |
| PIC16F18425-E/SL PDF Datasheet                 | PIC16F18425-E/SL Download Datasheet    | PIC16F18425-E/SL Datasheet                              |
| PIC16F18425-E/SL Stock                         | Buy PIC16F18425-E/SL                   | Buy Micrel / Microchip Technology PIC16F18425-E/SL      |
| Micrel / Microchip Technology PIC16F18425-E/SL | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F18425-E/SL | Microchip Technology PIC16F18425-E/SL  | Roving Networks / Microchip Technology PIC16F18425-E/SL |

Related Products

|                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                    |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PIC16F18425-E/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 672 pcs<br/>RFQ</div>    | <div></div> <div><b>PIC16F18425-I/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 728 pcs<br/>RFQ</div>     |
| <div></div> <div><b>PIC16F18424-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 864 pcs<br/>RFQ</div>    | <div></div> <div><b>PIC16F18424T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/>RFQ</div>  |
| <div></div> <div><b>PIC16F18425-E/JQ</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 637 pcs<br/>RFQ</div>    | <div></div> <div><b>PIC16F18425-I/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 620 pcs<br/>RFQ</div>      |
| <div></div> <div><b>PIC16F18425-E/P</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/>RFQ</div>   | <div></div> <div><b>PIC16F18425-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 762 pcs<br/>RFQ</div>     |
| <div></div> <div><b>PIC16F18424-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: 638 pcs<br/>RFQ</div>    | <div></div> <div><b>PIC16F18425-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC, CW<br/>In stock: 835 pcs<br/>RFQ</div> |
| <div></div> <div><b>PIC16F18424T-I/ST</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>PIC16F18425T-I/SL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: COMPARATOR, DAC, 12-BIT ADCC<br/>In stock: Out stock<br/>RFQ</div>  |