




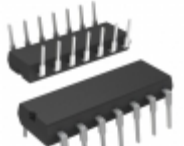



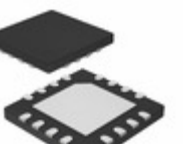
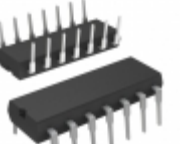
|   |   |
|---|---|
|   | <b>PIC16LF18424-E/ST</b>  |
|   | <b>Manufacturer Part Number:</b> PIC16LF18424-E/ST  |
|  | <b>Manufacturer/Brand:</b> Micrel / Microchip Technology  |
|   | <b>Part of Description:</b> COMPARATOR, DAC, 12-BIT ADCC  |
|   | <b>Datasheets:</b> <ul style="list-style-type: none"> <li> 1.PIC16LF18424-E/ST.pdf</li> <li> 2.PIC16LF18424-E/ST.pdf</li> </ul> |
|   | <b>RoHs Status:</b> Lead free / RoHS  |
| <b>Stock Condition:</b> Compliant<br>New original, 768 pcs Stock Available.       |   |
| <b>Ship From:</b> Hong Kong   |   |
| <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS  |   |
| Image may be representation.<br>See specs for product details.                    |   |

### Specifications

|                                  |   |
|----------------------------------|---|
| Part Number                      | PIC16LF18424-E/ST                                       |
| Manufacturer                     | Micrel / Microchip Technology                           |
| Description                      | COMPARATOR, DAC, 12-BIT ADCC                            |
| Category                         | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                      | 768 pcs Stock   |
| Voltage - Supply (Vcc/Vdd)       | 1.8 V ~ 3.6 V   |
| Supplier Device Package          | 14-TSSOP  |
| Speed                            | 32MHz   |
| Series                           | PIC® XLP™ 16F   |
| RAM Size                         | 512 x 8   |
| Program Memory Type              | FLASH   |
| Program Memory Size              | 7KB (4K x 14)   |
| Peripherals                      | Brown-out Detect/Reset, POR, PWM, WDT                   |
| Packaging                        | Tube  |
| Package / Case                   | 14-TSSOP (0.173", 4.40mm Width)                         |
| Oscillator Type                  | Internal  |
| Operating Temperature            | -40°C ~ 125°C (TA)                                      |
| Number of I/O                    | 11  |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited)   |
| Manufacturer Standard Lead Time  | 14 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 7KB    |
| Data Converters                  | A/D 11x12b, D/A 1x5b                                    |
| Core Size                        | 8-Bit   |
| Core Processor                   | PIC   |
| Connectivity                     | I <sup>2</sup> C, LINbus, SPI, UART/USART               |

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| <br><b>PIC16LF18346T-I/SS</b><br>Microchip Technology<br>IC MCU 8BIT 28KB FLASH 20SSOP                      | <br><b>PIC16LF18424-E/SL</b><br>Micrel / Microchip Technology<br>COMPARATOR, DAC, 12-BIT ADCC | <br><b>PIC16LF18424-I/JQ</b><br>Micrel / Microchip Technology<br>COMPARATOR, DAC, 12-BIT ADCC | <br><b>PIC16LF18424-I/P</b><br>Micrel / Microchip Technology<br>COMPARATOR, DAC, 12-BIT ADCC  |

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| PIC16LF18424-E/ST Electronic                    | PIC16LF18424-E/ST Components   | PIC16LF18424-E/ST Distributor | PIC16LF18424-E/ST Image | PIC16LF18424-E/ST Part                          |
| PIC16LF18424-E/ST Price                         | PIC16LF18424-E/ST Manufacturer | PIC16LF18424-E/ST Picture     | PIC16LF18424-E/ST Stock | PIC16LF18424-E/ST Inventory                     |
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