



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

PIC18F27K40-I/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F27K40-I/SS                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 128KB FLASH 28SSOP                                                                               |
|                     |  1.PIC18F27K40-I/SS.pdf     |
|                     |  2.PIC18F27K40-I/SS.pdf     |
|                     |  3.PIC18F27K40-I/SS.pdf     |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

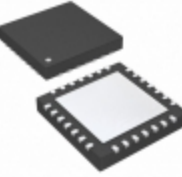
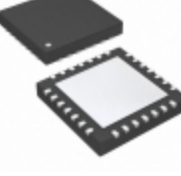
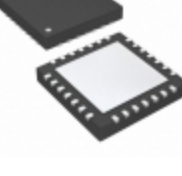
Specifications of PIC18F27K40-I/SS

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F27K40-I/SS                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 128KB FLASH 28SSOP                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.PIC18F27K40-I/SS.pdf<br> 2.PIC18F27K40-I/SS.pdf<br> 3.PIC18F27K40-I/SS.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-SSOP                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 64MHz                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | PIC® XLP™ 18K                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 3.6K x 8                                                                                                                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (64K x 16)                                                                                                                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                             |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 28-SSOP (0.209", 5.30mm Width)                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                      |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                          |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| EEPROM SIZE                      | 1K x 8                                                                                                                                                                                                                                                                                                                                 |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 128KB (64K x 16) FLASH 28-SSOP                                                                                                                                                                                                                                                        |
| DATA CONVERTERS                  | A/D 24x10b, D/A 1x5b                                                                                                                                                                                                                                                                                                                   |
| CORE SIZE                        | 8-Bit                                                                                                                                                                                                                                                                                                                                  |
| CORE PROCESSOR                   | PIC                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                           |

Related Tags

|                                                |                                        |                                                         |
|------------------------------------------------|----------------------------------------|---------------------------------------------------------|
| Micrel / Microchip Technology PIC18F27K40-I/SS | PIC18F27K40-I/SS Distributor           | PIC18F27K40-I/SS Supplier                               |
| PIC18F27K40-I/SS Price                         | PIC18F27K40-I/SS Pictures              | PIC18F27K40-I/SS Image                                  |
| PIC18F27K40-I/SS PDF Datasheet                 | PIC18F27K40-I/SS Download Datasheet    | PIC18F27K40-I/SS Datasheet                              |
| PIC18F27K40-I/SS Stock                         | Buy PIC18F27K40-I/SS                   | Buy Micrel / Microchip Technology PIC18F27K40-I/SS      |
| Micrel / Microchip Technology PIC18F27K40-I/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18F27K40-I/SS | Microchip Technology PIC18F27K40-I/SS  | Roving Networks / Microchip Technology PIC18F27K40-I/SS |

Related Products

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|  <div><b>PIC18F27K42-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SDIP<br/>In stock: 586 pcs<br/>RFQ</div>   |  <div><b>PIC18F27K40-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SDIP<br/>In stock: 259 pcs<br/>RFQ</div>    |
|  <div><b>PIC18F27K40-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC18F27K40-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28QFN<br/>In stock: 851 pcs<br/>RFQ</div>     |
|  <div><b>PIC18F27K42-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28QFN<br/>In stock: 784 pcs<br/>RFQ</div>    |  <div><b>PIC18F27K40T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC18F27K42-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SOIC<br/>In stock: 628 pcs<br/>RFQ</div>   |  <div><b>PIC18F27K40T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC18F27K40-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SSOP<br/>In stock: 672 pcs<br/>RFQ</div>   |  <div><b>PIC18F27K40-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SDIP<br/>In stock: 95 pcs<br/>RFQ</div>     |
|  <div><b>PIC18F27K40-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC18F27K40T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 128KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |