



PIC18F25K40-E/SO

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC18F25K40-E/SO                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 32KB FLASH 28SOIC                                                                                |
| Datasheets:         |  1.PIC18F25K40-E/SO.pdf     |
|                     |  2.PIC18F25K40-E/SO.pdf     |
|                     |  3.PIC18F25K40-E/SO.pdf     |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 67838 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

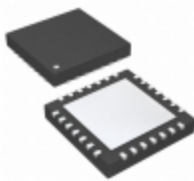
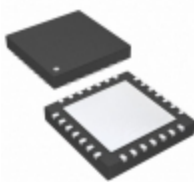
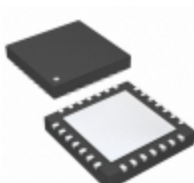
Specifications of PIC18F25K40-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC18F25K40-E/SO                                                                                                                                                                                                                                                                                                                       |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 8BIT 32KB FLASH 28SOIC                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 67838 pcs                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       |  1.PIC18F25K40-E/SO.pdf<br> 2.PIC18F25K40-E/SO.pdf<br> 3.PIC18F25K40-E/SO.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                                                                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-SOIC                                                                                                                                                                                                                                                                                                                                |
| SPEED                            | 64MHz                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | PIC® XLP™ 18K                                                                                                                                                                                                                                                                                                                          |
| RAM SIZE                         | 2K x 8                                                                                                                                                                                                                                                                                                                                 |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                  |
| PROGRAM MEMORY SIZE              | 32KB (16K x 16)                                                                                                                                                                                                                                                                                                                        |
| PERIPHERALS                      | Brown-out Detect/Reset, LVD, POR, PWM, WDT                                                                                                                                                                                                                                                                                             |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                   |
| PACKAGE / CASE                   | 28-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                         |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 25                                                                                                                                                                                                                                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                             |
| EEPROM SIZE                      | 256 x 8                                                                                                                                                                                                                                                                                                                                |
| DETAILED DESCRIPTION             | PIC PIC® XLP™ 18K Microcontroller IC 8-Bit 64MHz 32KB (16K x 16) FLASH 28-SOIC                                                                                                                                                                                                                                                         |
| 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 PIC18F25K40-E/SO | PIC18F25K40-E/SO Distributor           | PIC18F25K40-E/SO Supplier                               |
| PIC18F25K40-E/SO Price                         | PIC18F25K40-E/SO Pictures              | PIC18F25K40-E/SO Image                                  |
| PIC18F25K40-E/SO PDF Datasheet                 | PIC18F25K40-E/SO Download Datasheet    | PIC18F25K40-E/SO Datasheet                              |
| PIC18F25K40-E/SO Stock                         | Buy PIC18F25K40-E/SO                   | Buy Micrel / Microchip Technology PIC18F25K40-E/SO      |
| Micrel / Microchip Technology PIC18F25K40-E/SO | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC18F25K40-E/SO | Microchip Technology PIC18F25K40-E/SO  | Roving Networks / Microchip Technology PIC18F25K40-E/SO |

Related Products

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|  <div><b>PIC18F25K22T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 42970 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC18F25K22-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SSOP<br/>In stock: 36967 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC18F25K40-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: 51911 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC18F25K22T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SSOP<br/>In stock: 42583 pcs<br/><b>RFQ</b></div> |
|  <div><b>PIC18F25K40-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 65160 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC18F25K40-E/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SSOP<br/>In stock: 64339 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC18F25K40-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28QFN<br/>In stock: 80187 pcs<br/><b>RFQ</b></div>   |  <div><b>PIC18F25K40-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28UQFN<br/>In stock: 59087 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC18F25K40-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 63170 pcs<br/><b>RFQ</b></div>  |  <div><b>PIC18F25K40-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28UQFN<br/>In stock: 78741 pcs<br/><b>RFQ</b></div>  |
|  <div><b>PIC18F25K22T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SOIC<br/>In stock: 38690 pcs<br/><b>RFQ</b></div> |  <div><b>PIC18F25K40-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 32KB FLASH 28SDIP<br/>In stock: 69410 pcs<br/><b>RFQ</b></div>  |