



PIC16F18856-E/SS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PIC16F18856-E/SS                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 8BIT 28KB FLASH 28SSOP                                                                                |
| Datasheets:         | <a href="#">1.PIC16F18856-E/SS.pdf</a><br><a href="#">2.PIC16F18856-E/SS.pdf</a>                             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

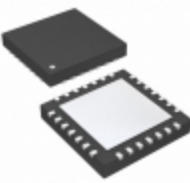
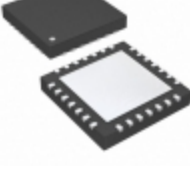
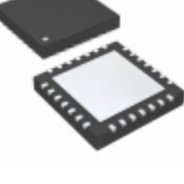
Specifications of PIC16F18856-E/SS

|                                  |                                                                                          |
|----------------------------------|------------------------------------------------------------------------------------------|
| PART NUMBER                      | PIC16F18856-E/SS                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                            |
| DESCRIPTION                      | IC MCU 8BIT 28KB FLASH 28SSOP                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                               |
| DATA SHEET                       | <a href="#">PDF 1.PIC16F18856-E/SS.pdf</a><br><a href="#">PDF 2.PIC16F18856-E/SS.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 2.3 V ~ 5.5 V                                                                            |
| SUPPLIER DEVICE PACKAGE          | 28-SSOP                                                                                  |
| SPEED                            | 32MHz                                                                                    |
| SERIES                           | PIC® XLP™ 16F                                                                            |
| RAM SIZE                         | 2K x 8                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                    |
| PROGRAM MEMORY SIZE              | 28KB (16K x 14)                                                                          |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT                                                    |
| PACKAGING                        | Tube                                                                                     |
| PACKAGE / CASE                   | 28-SSOP (0.209", 5.30mm Width)                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                       |
| NUMBER OF I/O                    | 25                                                                                       |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                            |
| MANUFACTURER STANDARD LEAD TIME  | 4 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 28KB (16K x 14) 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 PIC16F18856-E/SS | PIC16F18856-E/SS Distributor           | PIC16F18856-E/SS Supplier                               |
| PIC16F18856-E/SS Price                         | PIC16F18856-E/SS Pictures              | PIC16F18856-E/SS Image                                  |
| PIC16F18856-E/SS PDF Datasheet                 | PIC16F18856-E/SS Download Datasheet    | PIC16F18856-E/SS Datasheet                              |
| PIC16F18856-E/SS Stock                         | Buy PIC16F18856-E/SS                   | Buy Micrel / Microchip Technology PIC16F18856-E/SS      |
| Micrel / Microchip Technology PIC16F18856-E/SS | Micrel / Microchip Technology Supplier | Micrel / Microchip Technology Distributor               |
| Micrel / Microchip Technology PIC16F18856-E/SS | Microchip Technology PIC16F18856-E/SS  | Roving Networks / Microchip Technology PIC16F18856-E/SS |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                         |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>PIC16F18856-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>   |  <div><b>PIC16F18856-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: 610 pcs<br/>RFQ</div>    |
|  <div><b>PIC16F18856-E/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28UQFN<br/>In stock: 412 pcs<br/>RFQ</div>    |  <div><b>PIC16F18856-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SDIP<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC16F18856-I/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SDIP<br/>In stock: 810 pcs<br/>RFQ</div>    |  <div><b>PIC16F18855T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div> |
|  <div><b>PIC16F18855T-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 14KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>PIC16F18856-I/MV</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28UQFN<br/>In stock: 577 pcs<br/>RFQ</div>    |
|  <div><b>PIC16F18856-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28QFN<br/>In stock: 558 pcs<br/>RFQ</div>     |  <div><b>PIC16F18856T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28QFN<br/>In stock: Out stock<br/>RFQ</div>  |
|  <div><b>PIC16F18856-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SOIC<br/>In stock: Out stock<br/>RFQ</div>  |  <div><b>PIC16F18856-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 8BIT 28KB FLASH 28SSOP<br/>In stock: Out stock<br/>RFQ</div>  |