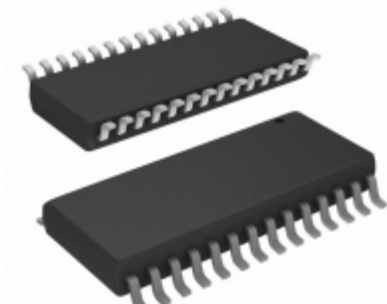


PIC18LF2682-I/SO



Images are for reference only.  
See Product Specifications for product details.  
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Part Number: [PIC18LF2682-I/SO](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 80KB FLASH 28SOIC

Data sheet:  [PIC18F\(2, 4\)zzz Programming Specification](#)  
 [PIC18F268x,468x Data Sheet Errata](#)  
 [PIC18F268x, 468x Data Sheet](#)  
 [PIC18F268x, 468x Revision A1 Errata](#)

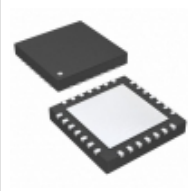
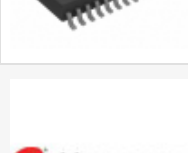
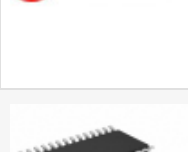
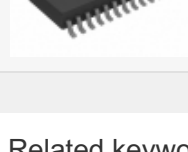
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                           |                                 |                                                                                                                                                                                                                      |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | PIC18LF2682-I/SO                                                          | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                        |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 8BIT 80KB FLASH 28SOIC                                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10679 pcs                                                                 | Data sheet                      | <a href="#">PIC18F(2, 4)zzz Programming Specification</a><br><a href="#">PIC18F268x,468x Data Sheet Errata</a><br><a href="#">PIC18F268x, 468x Data Sheet</a><br><a href="#">PIC18F268x, 468x Revision A1 Errata</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a>                                 | Voltage - Supply (Vcc/Vdd)      | 2 V ~ 5.5 V                                                                                                                                                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 28-SOIC                                                                   | Speed                           | 40MHz                                                                                                                                                                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC® 18F                                                                  | RAM Size                        | 3.25K x 8                                                                                                                                                                                                            |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                                                     | Program Memory Size             | 80KB (40K x 16)                                                                                                                                                                                                      |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Brown-out Detect/Reset, HLVD, POR, PWM, WDT                               | Packaging                       | Tube                                                                                                                                                                                                                 |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 28-SOIC (0.295", 7.50mm 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 | 5 Weeks                                                                                                                                                                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Lead free / RoHS Compliant                                                | EEPROM Size                     | 1K x 8                                                                                                                                                                                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | PIC PIC® 18F Microcontroller IC 8-Bit 40MHz 80KB (40K x 16) FLASH 28-SOIC | Data Converters                 | A/D 8x10b                                                                                                                                                                                                            |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 8-Bit                                                                     | Core Processor                  | PIC                                                                                                                                                                                                                  |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | CANbus, I²C, SPI, UART/USART                                              | Base Part Number                | PIC18LF2682                                                                                                                                                                                                          |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                              |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
|  | Part#: <a href="#">PIC18LF26J11T-I/ML</a><br>Description: IC MCU 8BIT 64KB FLASH 28QFN | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2682-I/SP</a><br>Description: IC MCU 8BIT 80KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2610-I/SP</a><br>Description: IC MCU 8BIT 64KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2685-I/SP</a><br>Description: IC MCU 8BIT 96KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2620T-I/SO</a><br>Description: IC MCU 8BIT 64KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2685-I/SO</a><br>Description: IC MCU 8BIT 96KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2610T-I/SO</a><br>Description: IC MCU 8BIT 64KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2620-I/SP</a><br>Description: IC MCU 8BIT 64KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2680-I/SP</a><br>Description: IC MCU 8BIT 64KB FLASH 28SDIP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF26J11-I/SS</a><br>Description: IC MCU 8BIT 64KB FLASH 28SSOP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2680T-I/SO</a><br>Description: IC MCU 8BIT 64KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF26J11-I/SO</a><br>Description: IC MCU 8BIT 64KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2610-I/SO</a><br>Description: IC MCU 8BIT 64KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2682T-I/SO</a><br>Description: IC MCU 8BIT 80KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2685T-I/SO</a><br>Description: IC MCU 8BIT 96KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2680-I/SO</a><br>Description: IC MCU 8BIT 64KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF25K83T-I/SS</a><br>Description: FLASH                        | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF26J11-I/ML</a><br>Description: IC MCU 8BIT 64KB FLASH 28QFN  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF26J11-I/SP</a><br>Description: IC MCU 8BIT 64KB FLASH 28SDIP | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PIC18LF2620-I/SO</a><br>Description: IC MCU 8BIT 64KB FLASH 28SOIC  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |

|                                                |                                       |                                        |                        |
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