

PIC16F767-E/SS



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Part Number: [PIC16F767-E/SS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 8BIT 14KB FLASH 28SSOP

Data sheet:  [PIC16F7x7](#)  
 [PIC16F7x7 Revision A2 Errata](#)  
 [Tips N Tricks Guide](#)  
 [Timer1 Errata](#)  
 [PICmicro™ Reference Manual](#)  
 [MPLAB® ICE2000 Spec](#)

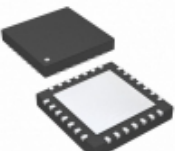
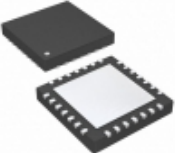
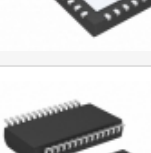
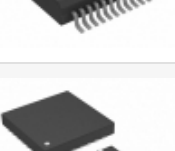
RoHs Status: Lead free / RoHS Compliant

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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                          |                                 |                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PIC16F767-E/SS                                                           | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                                                                                                                                          |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC MCU 8BIT 14KB FLASH 28SSOP                                            | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                                                                                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 20082 pcs                                                                | Data sheet                      | <a href="#">PIC16F7x7</a><br><a href="#">PIC16F7x7 Revision A2 Errata</a><br><a href="#">Tips N Tricks Guide</a><br><a href="#">Timer1 Errata</a><br><a href="#">PICmicro™ Reference Manual</a><br><a href="#">MPLAB® ICE2000 Spec</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                | Voltage - Supply (Vcc/Vdd)      | 4 V ~ 5.5 V                                                                                                                                                                                                                            |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 28-SSOP                                                                  | Speed                           | 20MHz                                                                                                                                                                                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PIC® 16F                                                                 | RAM Size                        | 368 x 8                                                                                                                                                                                                                                |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FLASH                                                                    | Program Memory Size             | 14KB (8K 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                     | -                                                                                                                                                                                                                                      |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PIC PIC® 16F Microcontroller IC 8-Bit 20MHz 14KB (8K x 14) FLASH 28-SSOP | Data Converters                 | A/D 11x10b                                                                                                                                                                                                                             |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8-Bit                                                                    | Core Processor                  | PIC                                                                                                                                                                                                                                    |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | I²C, SPI, UART/USART                                                     | Base Part Number                | PIC16F767                                                                                                                                                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                      |                                                              |                     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PIC16F767T-I/SO</a><br>Description: IC MCU 8BIT 14KB FLASH 28SOIC | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F76-I/SP</a><br>Description: IC MCU 8BIT 14KB FLASH 28SDIP   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PIC16F767-I/ML</a><br>Description: IC MCU 8BIT 14KB FLASH 28QFN   | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <a href="#">RFQ</a> |
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Related keywords for PIC16F767-E/SS

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