



Micrel / Microchip Technology

## DSPIC33FJ06GS101AT-E/SO

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|----------------------|--|
| Part Number:         | DSPIC33FJ06GS101AT-E/SO  |
| Manufacturer/Brand:  | Micrel / Microchip Technology  |
| Product description: | IC MCU 16BIT 6KB FLASH 18SOIC  |
| Datasheets:          | <a href="#">1.DSPIC33FJ06GS101AT-E/SO.pdf</a><br><a href="#">2.DSPIC33FJ06GS101AT-E/SO.pdf</a> |
| RoHS Status:         | Lead free / RoHS Compliant   |
| Stock Condition:     | 3982 pcs stock   |
| Ship From:           | Hong Kong  |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS  |

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Image may be representation. See specifications for product details.

### Specifications of DSPIC33FJ06GS101AT-E/SO

|                                  |  |
|----------------------------------|--|
| PART NUMBER                      | DSPIC33FJ06GS101AT-E/SO  |
| MANUFACTURER                     | Micrel / Microchip Technology  |
| DESCRIPTION                      | IC MCU 16BIT 6KB FLASH 18SOIC  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| QUANTITY AVAILABLE               | 3982 pcs   |
| DATA SHEET                       | <a href="#">1.DSPIC33FJ06GS101AT-E/SO.pdf</a><br><a href="#">2.DSPIC33FJ06GS101AT-E/SO.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V  |
| SUPPLIER DEVICE PACKAGE          | 18-SOIC  |
| SPEED                            | 40 MIPs  |
| SERIES                           | dsPIC™ 33F   |
| RAM SIZE                         | 256 x 8  |
| PROGRAM MEMORY TYPE              | FLASH  |
| PROGRAM MEMORY SIZE              | 6KB (2K x 24)  |
| PERIPHERALS                      | Brown-out Detect/Reset, POR, PWM, WDT  |
| PACKAGING                        | Tape & Reel (TR)   |
| PACKAGE / CASE                   | 18-SOIC (0.295", 7.50mm Width)   |
| OSCILLATOR TYPE                  | Internal   |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)   |
| NUMBER OF I/O                    | 13   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant   |
| EEPROM SIZE                      | -  |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 6KB (2K x 24) FLASH 18-SOIC                 |
| DATA CONVERTERS                  | A/D 6x10b  |
| CORE SIZE                        | 16-Bit   |
| CORE PROCESSOR                   | dsPIC  |
| CONNECTIVITY                     | I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART  |
| BASE PART NUMBER                 | DSPIC33FJ06GS101A  |

### Related Tags

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|---|--|--|
| Micrel / Microchip Technology DSPIC33FJ06GS101AT-E/SO | DSPIC33FJ06GS101AT-E/SO Distributor          | DSPIC33FJ06GS101AT-E/SO Supplier                               |
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| DSPIC33FJ06GS101AT-E/SO PDF Datasheet                 | DSPIC33FJ06GS101AT-E/SO Download Datasheet   | DSPIC33FJ06GS101AT-E/SO Datasheet                              |
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### Related Products

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| <p><b>DSPIC33FJ06GS101A-I/P</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 18DIP<br/>                 In stock: 34686 pcs<br/> <a href="#">RFQ</a></p>   | <p><b>DSPIC33FJ06GS102-E/MM</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 28QFN<br/>                 In stock: 29879 pcs<br/> <a href="#">RFQ</a></p>    |
| <p><b>DSPIC33FJ06GS101A-I/SS</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 20SSOP<br/>                 In stock: 32559 pcs<br/> <a href="#">RFQ</a></p> | <p><b>DSPIC33FJ06GS101AT-E/SS</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 20SSOP<br/>                 In stock: 2966 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>DSPIC33FJ06GS101A-E/SS</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 20SSOP<br/>                 In stock: 2874 pcs<br/> <a href="#">RFQ</a></p>  | <p><b>DSPIC33FJ06GS101T-I/SO</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>                 In stock: 37553 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>DSPIC33FJ06GS101A-E/P</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 18DIP<br/>                 In stock: 4737 pcs<br/> <a href="#">RFQ</a></p>    | <p><b>DSPIC33FJ06GS101AT-I/SO</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>                 In stock: 43065 pcs<br/> <a href="#">RFQ</a></p> |
| <p><b>DSPIC33FJ06GS102-E/SO</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 28SOIC<br/>                 In stock: 32437 pcs<br/> <a href="#">RFQ</a></p>  | <p><b>DSPIC33FJ06GS101A-I/SO</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>                 In stock: 37433 pcs<br/> <a href="#">RFQ</a></p>  |
| <p><b>DSPIC33FJ06GS101AT-I/SS</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 20SSOP<br/>                 In stock: 3853 pcs<br/> <a href="#">RFQ</a></p> | <p><b>DSPIC33FJ06GS101A-E/SO</b><br/>                 Manufacturers: Micrel / Microchip Technology<br/>                 Description: IC MCU 16BIT 6KB FLASH 18SOIC<br/>                 In stock: 7095 pcs<br/> <a href="#">RFQ</a></p>   |

