

MICROCHIP

Micrel / Microchip Technology



DSPIC33FJ06GS001-E/SO

Part Number: DSPIC33FJ06GS001-E/SO

Manufacturer/Brand: Micrel / Microchip Technology

Product description: IC MCU 16BIT 6KB FLASH 18SOIC

Datasheets: 

1.DSPIC33FJ06GS001-E/SO.pdf

2.DSPIC33FJ06GS001-E/SO.pdf

3.DSPIC33FJ06GS001-E/SO.pdf

RoHs Status:  Lead free / RoHS Compliant

Stock Condition: 6825 pcs stock

Ship From: Hong Kong

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

REQUEST FOR QUOTATION

Specifications of DSPIC33FJ06GS001-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ06GS001-E/SO                                                                                                                                                                                                                                                                                                                                                            |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 6KB FLASH 18SOIC                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 6825 pcs                                                                                                                                                                                                                                                                                                                                                                         |
| DATA SHEET                       | <div> 1.DSPIC33FJ06GS001-E/SO.pdf</div> <div> 2.DSPIC33FJ06GS001-E/SO.pdf</div> <div> 3.DSPIC33FJ06GS001-E/SO.pdf</div> |
| 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                        | Tube                                                                                                                                                                                                                                                                                                                                                                             |
| 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                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | DSPIC33FJ06GS001                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                     |                                            |                                                              |
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| Micrel / Microchip Technology DSPIC33FJ06GS001-E/SO | DSPIC33FJ06GS001-E/SO Distributor          | DSPIC33FJ06GS001-E/SO Supplier                               |
| DSPIC33FJ06GS001-E/SO Price                         | DSPIC33FJ06GS001-E/SO Pictures             | DSPIC33FJ06GS001-E/SO Image                                  |
| DSPIC33FJ06GS001-E/SO PDF Datasheet                 | DSPIC33FJ06GS001-E/SO Download Datasheet   | DSPIC33FJ06GS001-E/SO Datasheet                              |
| DSPIC33FJ06GS001-E/SO Stock                         | Buy DSPIC33FJ06GS001-E/SO                  | Buy Micrel / Microchip Technology DSPIC33FJ06GS001-E/SO      |
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Related Products

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>MICROCHIP</div> <div>DSPIC33EV64GM106T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 27244 pcs</div> <div>RFQ</div> | <div>MICROCHIP</div> <div>DSPIC33FJ06GS001-E/P</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 18DIP</div> <div>In stock: 46616 pcs</div> <div>RFQ</div>    |
| <div>MICROCHIP</div> <div>DSPIC33FJ06GS001-I/P</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 18DIP</div> <div>In stock: 41016 pcs</div> <div>RFQ</div>     | <div>MICROCHIP</div> <div>DSPIC33FJ06GS001T-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 18SOIC</div> <div>In stock: 4605 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33EV64GM106-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 22847 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33EV64GM106-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64QFN</div> <div>In stock: 26033 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33EV64GM106T-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64QFN</div> <div>In stock: 32503 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33EV64GM106-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 31314 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>DSPIC33FJ06GS001-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 20SSOP</div> <div>In stock: 42568 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>DSPIC33FJ06GS001T-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 20SSOP</div> <div>In stock: 5137 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33FJ06GS001-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 20SSOP</div> <div>In stock: 2763 pcs</div> <div>RFQ</div>    | <div>MICROCHIP</div> <div>DSPIC33FJ06GS001-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 18SOIC</div> <div>In stock: 39989 pcs</div> <div>RFQ</div>  |