

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33FJ06GS101T-I/SO

Micrel / Microchip Technology

IC MCU 16BIT 6KB FLASH 18SOIC

1.DSPIC33FJ06GS101T-I/SO.pdf

2.DSPIC33FJ06GS101T-I/SO.pdf

3.DSPIC33FJ06GS101T-I/SO.pdf

4.DSPIC33FJ06GS101T-I/SO.pdf

5.DSPIC33FJ06GS101T-I/SO.pdf

Lead free / RoHS Compliant

37553 pcs stock

Hong Kong

DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

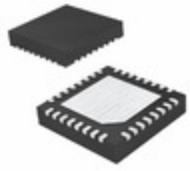
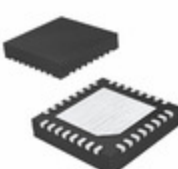
Specifications of DSPIC33FJ06GS101T-I/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ06GS101T-I/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 16BIT 6KB FLASH 18SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| QUANTITY AVAILABLE               | 37553 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| DATA SHEET                       |  1.DSPIC33FJ06GS101T-I/SO.pdf<br> 2.DSPIC33FJ06GS101T-I/SO.pdf<br> 3.DSPIC33FJ06GS101T-I/SO.pdf<br> 4.DSPIC33FJ06GS101T-I/SO.pdf<br> 5.DSPIC33FJ06GS101T-I/SO.pdf |
| 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 (6K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 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 ~ 85°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 (6K x 8) 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                 | DSPIC33FJ06GS101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
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Related Products

|                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                            |
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|  MICROCHIP<br><b>DSPIC33FJ06GS101AT-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 20SSOP<br>In stock: 3853 pcs<br>RFQ  | <br><b>DSPIC33FJ06GS102-E/MM</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 28QFN<br>In stock: 29879 pcs<br>RFQ             |
|  MICROCHIP<br><b>DSPIC33FJ06GS101AT-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 18SOIC<br>In stock: 43065 pcs<br>RFQ |  MICROCHIP<br><b>DSPIC33FJ06GS102-I/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 28SDIP<br>In stock: 29656 pcs<br>RFQ  |
| <br><b>DSPIC33FJ06GS102-I/MM</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 28QFN<br>In stock: 28739 pcs<br>RFQ              |  MICROCHIP<br><b>DSPIC33FJ06GS101AT-E/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 20SSOP<br>In stock: 2966 pcs<br>RFQ |
|  MICROCHIP<br><b>DSPIC33FJ06GS101A-I/SS</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 20SSOP<br>In stock: 32559 pcs<br>RFQ  |  MICROCHIP<br><b>DSPIC33FJ06GS102-E/SP</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 28SDIP<br>In stock: 33292 pcs<br>RFQ  |
| <br><b>DSPIC33FJ06GS102-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 28SOIC<br>In stock: 32437 pcs<br>RFQ             |  MICROCHIP<br><b>DSPIC33FJ06GS101A-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 18SOIC<br>In stock: 37433 pcs<br>RFQ |
|  MICROCHIP<br><b>DSPIC33FJ06GS101AT-E/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 18SOIC<br>In stock: 3982 pcs<br>RFQ  | <br><b>DSPIC33FJ06GS102-I/SO</b><br>Manufacturers: Micrel / Microchip Technology<br>Description: IC MCU 16BIT 6KB FLASH 28SOIC<br>In stock: 30917 pcs<br>RFQ            |