

DSPIC33FJ06GS202AT-I/TL



Part Number: [DSPIC33FJ06GS202AT-I/TL](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 6KB FLASH 36VTLA

Data sheet:  [dsPIC33FJ06GSx0x\(A\), dsPIC33FJ09GS302](#)  
 [dsPIC33FJ06GSx0x\(A\), dsPIC33FJ09GS302 Errata](#)

RoHs Status: Lead free / RoHS Compliant

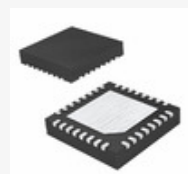
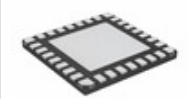
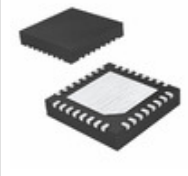
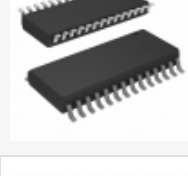
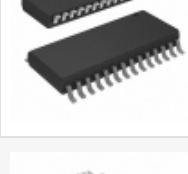
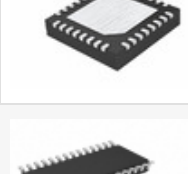
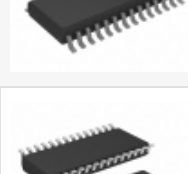
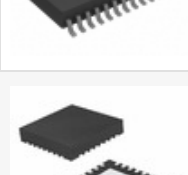
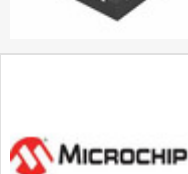
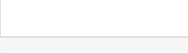
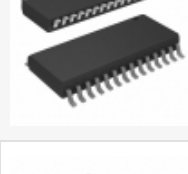
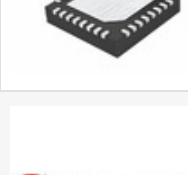
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                      |                                 |                                                                                                                |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | DSPIC33FJ06GS202AT-I/TL                                                              | Manufacturer                    | <a href="#">Micrel / Microchip Technology</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC MCU 16BIT 6KB FLASH 36VTLA                                                        | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 35718 pcs                                                                            | Data sheet                      | <a href="#">dsPIC33FJ06GSx0x(A), dsPIC33FJ09GS302</a><br><a href="#">dsPIC33FJ06GSx0x(A), dsPIC33FJ09GS302</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                            | Voltage - Supply (Vcc/Vdd)      | <a href="#">Errata</a><br>3 V ~ 3.6 V                                                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 36-VTLA (5x5)                                                                        | Speed                           | 40 MIPs                                                                                                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | dsPIC™ 33F                                                                           | RAM Size                        | 1K 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 36-VFTLA Exposed Pad                                                                 | Oscillator Type                 | Internal                                                                                                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | -40°C ~ 85°C (TA)                                                                    | Number of I/O                   | 21                                                                                                             |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                                                                        | Manufacturer Standard Lead Time | 5 Weeks                                                                                                        |
| 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 36-VTLA (5x5) | Data Converters                 | A/D 6x10b, D/A 2x10b                                                                                           |
| Core Size                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 16-Bit                                                                               | Core Processor                  | dsPIC                                                                                                          |
| Connectivity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PC, IrDA, LINbus, SPI, UART/USART                                                    | Base Part Number                | DSPIC33FJ06GS202A                                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                              |                                                              |                |
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|  | Part#: <a href="#">DSPIC33FJ09GS302-E/MM</a><br>Description: IC MCU 16BIT 9KB FLASH 28QFN    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">DSPIC33FJ06GS202A-I/SS</a><br>Description: IC MCU 16BIT 6KB FLASH 28SSOP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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