



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33FJ06GS102AT-I/TL

|                     |                                                                                                                                                                                                                                                                     |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ06GS102AT-I/TL                                                                                                                                                                                                                                             |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                       |
| Product description | IC MCU 16BIT 6KB FLASH 36VTLA<br> 1.DSPIC33FJ06GS102AT-I/TL.pdf<br> 2.DSPIC33FJ06GS102AT-I/TL.pdf |
| Datasheets:         |  Lead free / RoHS Compliant                                                                                                                                                        |
| RoHs Status         | 6657 pcs stock                                                                                                                                                                                                                                                      |
| Stock Condition     | Hong Kong                                                                                                                                                                                                                                                           |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                               |
| Shipment Way        |                                                                                                                                                                                                                                                                     |

REQUEST FOR QUOTATION

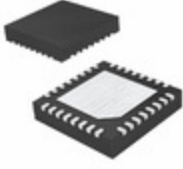
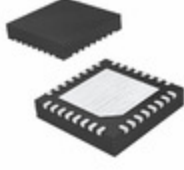
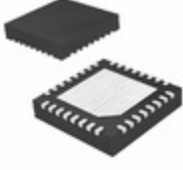
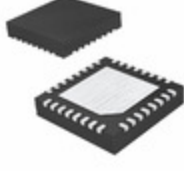
Specifications of DSPIC33FJ06GS102AT-I/TL

|                                  |                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ06GS102AT-I/TL                                                                                                                                                                                                                |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 6KB FLASH 36VTLA                                                                                                                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 6657 pcs                                                                                                                                                                                                                               |
| DATA SHEET                       |  1.DSPIC33FJ06GS102AT-I/TL.pdf<br> 2.DSPIC33FJ06GS102AT-I/TL.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 36-VTLA (5x5)                                                                                                                                                                                                                          |
| 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                   | 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)                                                                                                                                                                                                                          |
| 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                                                                                                                                                                                                                              |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                 |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                     |
| BASE PART NUMBER                 | DSPIC33FJ06GS102A                                                                                                                                                                                                                      |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ06GS102AT-I/TL | DSPIC33FJ06GS102AT-I/TL Distributor          | DSPIC33FJ06GS102AT-I/TL Supplier                               |
| DSPIC33FJ06GS102AT-I/TL Price                         | DSPIC33FJ06GS102AT-I/TL Pictures             | DSPIC33FJ06GS102AT-I/TL Image                                  |
| DSPIC33FJ06GS102AT-I/TL PDF Datasheet                 | DSPIC33FJ06GS102AT-I/TL Download Datasheet   | DSPIC33FJ06GS102AT-I/TL Datasheet                              |
| DSPIC33FJ06GS102AT-I/TL Stock                         | Buy DSPIC33FJ06GS102AT-I/TL                  | Buy Micrel / Microchip Technology DSPIC33FJ06GS102AT-I/TL      |
| Micrel / Microchip Technology DSPIC33FJ06GS102AT-I/TL | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
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Related Products

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| <div><div><b>DSPIC33FJ06GS102AT-E/TL</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 36VTLA<br/>In stock: 4513 pcs</div><div>RFQ</div></div> | <div><div><b>DSPIC33FJ06GS102T-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SOIC<br/>In stock: 6861 pcs</div><div>RFQ</div></div>  |
| <div><div><b>DSPIC33FJ06GS202-E/SP</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SDIP<br/>In stock: 30191 pcs</div><div>RFQ</div></div>  | <div><div><b>DSPIC33FJ06GS102AT-I/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SOIC<br/>In stock: 4336 pcs</div><div>RFQ</div></div> |
| <div><div><b>DSPIC33FJ06GS102AT-I/SS</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SSOP<br/>In stock: 3730 pcs</div><div>RFQ</div></div> | <div><div><b>DSPIC33FJ06GS202-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28QFN<br/>In stock: 23929 pcs</div><div>RFQ</div></div>   |
| <div><div><b>DSPIC33FJ06GS102T-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28QFN<br/>In stock: 34903 pcs</div><div>RFQ</div></div>  | <div><div><b>DSPIC33FJ06GS102AT-I/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28QFN<br/>In stock: 35357 pcs</div><div>RFQ</div></div> |
| <div><div><b>DSPIC33FJ06GS102AT-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28QFN<br/>In stock: 5947 pcs</div><div>RFQ</div></div>  | <div><div><b>DSPIC33FJ06GS102AT-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SOIC<br/>In stock: 5050 pcs</div><div>RFQ</div></div> |
| <div><div><b>DSPIC33FJ06GS202-E/SO</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28SOIC<br/>In stock: 27686 pcs</div><div>RFQ</div></div>  | <div><div><b>DSPIC33FJ06GS202-E/MM</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 6KB FLASH 28QFN<br/>In stock: 32468 pcs</div><div>RFQ</div></div>   |