



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33FJ06GS102A-E/SP

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ06GS102A-E/SP                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 6KB FLASH 28SDIP                                                                                  |
|                     |  1.DSPIC33FJ06GS102A-E/SP.pdf |
|                     |  2.DSPIC33FJ06GS102A-E/SP.pdf |
| Datasheets:         |  Lead free / RoHS Compliant   |
| RoHs Status         | 3864 pcs stock                                                                                                 |
| Stock Condition     | Hong Kong                                                                                                      |
| Ship From           | DHL/Fedex/TNT/UPS/EMS                                                                                          |
| Shipment Way        |                                                                                                                |

REQUEST FOR QUOTATION

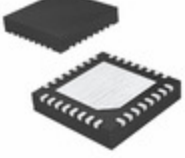
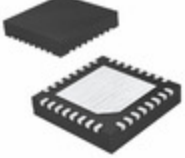
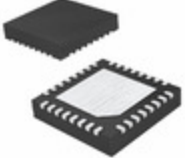
Specifications of DSPIC33FJ06GS102A-E/SP

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ06GS102A-E/SP                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 6KB FLASH 28SDIP                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 3864 pcs                                                                                                                                                                                                                             |
| DATA SHEET                       |  1.DSPIC33FJ06GS102A-E/SP.pdf<br> 2.DSPIC33FJ06GS102A-E/SP.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 28-SPDIP                                                                                                                                                                                                                             |
| 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                   | 28-DIP (0.300", 7.62mm)                                                                                                                                                                                                              |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 125°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 28-SPDIP                                                                                                                                                      |
| 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 DSPIC33FJ06GS102A-E/SP | DSPIC33FJ06GS102A-E/SP Distributor          | DSPIC33FJ06GS102A-E/SP Supplier                               |
| DSPIC33FJ06GS102A-E/SP Price                         | DSPIC33FJ06GS102A-E/SP Pictures             | DSPIC33FJ06GS102A-E/SP Image                                  |
| DSPIC33FJ06GS102A-E/SP PDF Datasheet                 | DSPIC33FJ06GS102A-E/SP Download Datasheet   | DSPIC33FJ06GS102A-E/SP Datasheet                              |
| DSPIC33FJ06GS102A-E/SP Stock                         | Buy DSPIC33FJ06GS102A-E/SP                  | Buy Micrel / Microchip Technology DSPIC33FJ06GS102A-E/SP      |
| Micrel / Microchip Technology DSPIC33FJ06GS102A-E/SP | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
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Related Products

|                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>DSPIC33FJ06GS102A-E/TL</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 36VTLA</div> <div>In stock: 3660 pcs</div> <div>RFQ</div>  |  <div>DSPIC33FJ06GS102A-E/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28SOIC</div> <div>In stock: 6738 pcs</div> <div>RFQ</div>  |
|  <div>DSPIC33FJ06GS102-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28SOIC</div> <div>In stock: 30917 pcs</div> <div>RFQ</div>  |  <div>DSPIC33FJ06GS102-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28QFN</div> <div>In stock: 28739 pcs</div> <div>RFQ</div>   |
|  <div>DSPIC33FJ06GS102A-E/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28QFN</div> <div>In stock: 31315 pcs</div> <div>RFQ</div>  |  <div>DSPIC33FJ06GS102A-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28SSOP</div> <div>In stock: 5791 pcs</div> <div>RFQ</div>  |
|  <div>DSPIC33FJ06GS102A-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28SOIC</div> <div>In stock: 37143 pcs</div> <div>RFQ</div> |  <div>DSPIC33FJ06GS102A-I/MM</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28QFN</div> <div>In stock: 28768 pcs</div> <div>RFQ</div>  |
|  <div>DSPIC33FJ06GS102-E/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28SDIP</div> <div>In stock: 33292 pcs</div> <div>RFQ</div>  |  <div>DSPIC33FJ06GS102-I/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28SDIP</div> <div>In stock: 29656 pcs</div> <div>RFQ</div>  |
|  <div>DSPIC33FJ06GS102A-I/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28SDIP</div> <div>In stock: 33896 pcs</div> <div>RFQ</div> |  <div>DSPIC33FJ06GS102A-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 6KB FLASH 28SSOP</div> <div>In stock: 32428 pcs</div> <div>RFQ</div> |