



## DSPIC33FJ12MC201-E/SO

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Part Number:        | DSPIC33FJ12MC201-E/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Product description | IC MCU 16BIT 12KB FLASH 20SOIC <div> 1.DSPIC33FJ12MC201-E/SO.pdf<div> 2.DSPIC33FJ12MC201-E/SO.pdf<div> 3.DSPIC33FJ12MC201-E/SO.pdf<div> 4.DSPIC33FJ12MC201-E/SO.pdf</div></div></div></div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Stock Condition     | 3913 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

REQUEST FOR QUOTATION

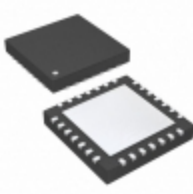
### Specifications of DSPIC33FJ12MC201-E/SO

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ12MC201-E/SO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| DESCRIPTION                      | IC MCU 16BIT 12KB FLASH 20SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| QUANTITY AVAILABLE               | 3913 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| DATA SHEET                       | <div> 1.DSPIC33FJ12MC201-E/SO.pdf<div> 2.DSPIC33FJ12MC201-E/SO.pdf<div> 3.DSPIC33FJ12MC201-E/SO.pdf<div> 4.DSPIC33FJ12MC201-E/SO.pdf</div></div></div></div> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| SUPPLIER DEVICE PACKAGE          | 20-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SPEED                            | 40 MIPS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| SERIES                           | dsPIC™ 33F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RAM SIZE                         | 1K x 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| PROGRAM MEMORY SIZE              | 12KB (12K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| PERIPHERALS                      | Brown-out Detect/Reset, Motor Control PWM, QEI, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| PACKAGING                        | Tube                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 20-SOIC (0.295", 7.50mm Width)                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| NUMBER OF I/O                    | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 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 12KB (12K x 8) FLASH 20-SOIC                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DATA CONVERTERS                  | A/D 4x10b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| BASE PART NUMBER                 | DSPIC33FJ12MC201                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

### Related Tags

|                                                     |                                            |                                                              |
|-----------------------------------------------------|--------------------------------------------|--------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ12MC201-E/SO | DSPIC33FJ12MC201-E/SO Distributor          | DSPIC33FJ12MC201-E/SO Supplier                               |
| DSPIC33FJ12MC201-E/SO Price                         | DSPIC33FJ12MC201-E/SO Pictures             | DSPIC33FJ12MC201-E/SO Image                                  |
| DSPIC33FJ12MC201-E/SO PDF Datasheet                 | DSPIC33FJ12MC201-E/SO Download Datasheet   | DSPIC33FJ12MC201-E/SO Datasheet                              |
| DSPIC33FJ12MC201-E/SO Stock                         | Buy DSPIC33FJ12MC201-E/SO                  | Buy Micrel / Microchip Technology DSPIC33FJ12MC201-E/SO      |
| Micrel / Microchip Technology DSPIC33FJ12MC201-E/SO | Micrel / Microchip Technology Supplier     | Micrel / Microchip Technology Distributor                    |
| Micrel / Microchip Technology DSPIC33FJ12MC201-E/SO | Microchip Technology DSPIC33FJ12MC201-E/SO | Roving Networks / Microchip Technology DSPIC33FJ12MC201-E/SO |

### Related Products

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| <div></div> <div>DSPIC33FJ12GP202T-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 28QFN</div> <div>In stock: 36116 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33FJ12MC201-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 20SSOP</div> <div>In stock: 34258 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33FJ12MC201T-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 20SOIC</div> <div>In stock: 6027 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33FJ12MC201-E/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 20SSOP</div> <div>In stock: 26308 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33FJ12MC201-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 20SOIC</div> <div>In stock: 33667 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33FJ12GP202-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 28SSOP</div> <div>In stock: 33626 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33FJ12GP202T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 28SSOP</div> <div>In stock: 31337 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33FJ12MC201T-I/SS</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 20SSOP</div> <div>In stock: 34001 pcs</div> <div>RFQ</div> |
| <div></div> <div>DSPIC33FJ12GP202-I/SP</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 28SDIP</div> <div>In stock: 38068 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33FJ12MC201-E/P</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 20DIP</div> <div>In stock: 33874 pcs</div> <div>RFQ</div>    |
| <div></div> <div>DSPIC33FJ12MC201-I/P</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 20DIP</div> <div>In stock: 30946 pcs</div> <div>RFQ</div>    | <div></div> <div>DSPIC33FJ12GP202T-I/SO</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 12KB FLASH 28SOIC</div> <div>In stock: 34507 pcs</div> <div>RFQ</div> |