



DSPIC33FJ256GP506T-I/PT

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ256GP506T-I/PT                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                |
| Product description | IC MCU 16BIT 256KB FLASH 64TQFP                                                                              |
|                     | <a href="#">PDF</a> 1.DSPIC33FJ256GP506T-I/PT.pdf                                                            |
|                     | <a href="#">PDF</a> 2.DSPIC33FJ256GP506T-I/PT.pdf                                                            |
|                     | <a href="#">PDF</a> 3.DSPIC33FJ256GP506T-I/PT.pdf                                                            |
|                     | <a href="#">PDF</a> 4.DSPIC33FJ256GP506T-I/PT.pdf                                                            |
| Datasheets:         |                                                                                                              |
|                     | <a href="#">PDF</a> 1.DSPIC33FJ256GP506T-I/PT.pdf                                                            |
|                     | <a href="#">PDF</a> 2.DSPIC33FJ256GP506T-I/PT.pdf                                                            |
|                     | <a href="#">PDF</a> 3.DSPIC33FJ256GP506T-I/PT.pdf                                                            |
|                     | <a href="#">PDF</a> 4.DSPIC33FJ256GP506T-I/PT.pdf                                                            |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

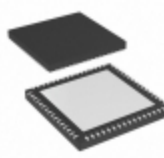
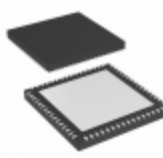
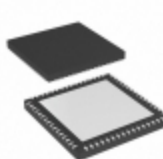
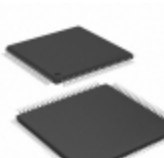
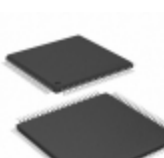
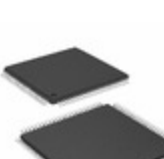
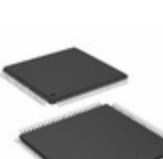
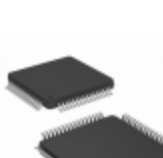
Specifications of DSPIC33FJ256GP506T-I/PT

|                                  |                                                                                           |
|----------------------------------|-------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ256GP506T-I/PT                                                                   |
| MANUFACTURER                     | Micrel / Microchip Technology                                                             |
| DESCRIPTION                      | IC MCU 16BIT 256KB FLASH 64TQFP                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| DATA SHEET                       | <a href="#">PDF</a> 1.DSPIC33FJ256GP506T-I/PT.pdf                                         |
|                                  | <a href="#">PDF</a> 2.DSPIC33FJ256GP506T-I/PT.pdf                                         |
|                                  | <a href="#">PDF</a> 3.DSPIC33FJ256GP506T-I/PT.pdf                                         |
|                                  | <a href="#">PDF</a> 4.DSPIC33FJ256GP506T-I/PT.pdf                                         |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                               |
| SUPPLIER DEVICE PACKAGE          | 64-TQFP (10x10)                                                                           |
| SPEED                            | 40 MIPS                                                                                   |
| SERIES                           | dsPIC™ 33F                                                                                |
| RAM SIZE                         | 16K x 8                                                                                   |
| PROGRAM MEMORY TYPE              | FLASH                                                                                     |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                          |
| PERIPHERALS                      | AC'97, Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                    |
| PACKAGING                        | Tape & Reel (TR)                                                                          |
| PACKAGE / CASE                   | 64-TQFP                                                                                   |
| OTHER NAMES                      | DSPIC33FJ256GP506T-I/PT-ND<br>DSPIC33FJ256GP506T-I/PTTR                                   |
| OSCILLATOR TYPE                  | Internal                                                                                  |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                         |
| NUMBER OF I/O                    | 53                                                                                        |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                             |
| MANUFACTURER STANDARD LEAD TIME  | 15 Weeks                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                |
| EEPROM SIZE                      | -                                                                                         |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPS 256KB (256K x 8) FLASH 64-TQFP (10x10) |
| DATA CONVERTERS                  | A/D 18x10b/12b                                                                            |
| CORE SIZE                        | 16-Bit                                                                                    |
| CORE PROCESSOR                   | dsPIC                                                                                     |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                |
| BASE PART NUMBER                 | DSPIC33FJ256GP506                                                                         |

Related Tags

|                                                       |                                              |                                                                |
|-------------------------------------------------------|----------------------------------------------|----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ256GP506T-I/PT | DSPIC33FJ256GP506T-I/PT Distributor          | DSPIC33FJ256GP506T-I/PT Supplier                               |
| DSPIC33FJ256GP506T-I/PT Price                         | DSPIC33FJ256GP506T-I/PT Pictures             | DSPIC33FJ256GP506T-I/PT Image                                  |
| DSPIC33FJ256GP506T-I/PT PDF Datasheet                 | DSPIC33FJ256GP506T-I/PT Download Datasheet   | DSPIC33FJ256GP506T-I/PT Datasheet                              |
| DSPIC33FJ256GP506T-I/PT Stock                         | Buy DSPIC33FJ256GP506T-I/PT                  | Buy Micrel / Microchip Technology DSPIC33FJ256GP506T-I/PT      |
| Micrel / Microchip Technology DSPIC33FJ256GP506T-I/PT | Micrel / Microchip Technology Supplier       | Micrel / Microchip Technology Distributor                      |
| Micrel / Microchip Technology DSPIC33FJ256GP506T-I/PT | Microchip Technology DSPIC33FJ256GP506T-I/PT | Roving Networks / Microchip Technology DSPIC33FJ256GP506T-I/PT |

Related Products

|                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>DSPIC33FJ256GP506A-E/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>   |  <p><b>DSPIC33FJ256GP506A-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p>  |
|  <p><b>DSPIC33FJ256GP506AT-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>DSPIC33FJ256GP506AT-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64QFN<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>DSPIC33FJ256GP510A-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 100TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |  <p><b>DSPIC33FJ256GP506A-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |
|  <p><b>DSPIC33FJ256GP510-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 100TQFP<br/>In stock: 33 pcs</p> <p>RFQ</p>     |  <p><b>DSPIC33FJ256GP510A-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 100TQFP<br/>In stock: 8 pcs</p> <p>RFQ</p>    |
|  <p><b>DSPIC33FJ256GP510-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 100TQFP<br/>In stock: 150 pcs</p> <p>RFQ</p>    |  <p><b>DSPIC33FJ256GP510A-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 100TQFP<br/>In stock: 179 pcs</p> <p>RFQ</p>  |
|  <p><b>DSPIC33FJ256GP510A-E/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 100TQFP<br/>In stock: 180 pcs</p> <p>RFQ</p>   |  <p><b>DSPIC33FJ256GP506A-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 256KB FLASH 64TQFP<br/>In stock: Out stock</p> <p>RFQ</p> |