



Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33FJ128GP706AT-I/PT

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ128GP706AT-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product description | IC MCU 16BIT 128KB FLASH 64TQFP <div> 1.DSPIC33FJ128GP706AT-I/PT.pdf</div> <div> 2.DSPIC33FJ128GP706AT-I/PT.pdf</div> <div> 3.DSPIC33FJ128GP706AT-I/PT.pdf</div> <div> 4.DSPIC33FJ128GP706AT-I/PT.pdf</div> <div> 5.DSPIC33FJ128GP706AT-I/PT.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stock Condition     | 15981 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

Specifications of DSPIC33FJ128GP706AT-I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
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| PART NUMBER                      | DSPIC33FJ128GP706AT-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 64TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| QUANTITY AVAILABLE               | 15981 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| DATA SHEET                       | <div> 1.DSPIC33FJ128GP706AT-I/PT.pdf</div> <div> 2.DSPIC33FJ128GP706AT-I/PT.pdf</div> <div> 3.DSPIC33FJ128GP706AT-I/PT.pdf</div> <div> 4.DSPIC33FJ128GP706AT-I/PT.pdf</div> <div> 5.DSPIC33FJ128GP706AT-I/PT.pdf</div> |
| 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              | 128KB (128K x 8)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PERIPHERALS                      | AC'97, Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| PACKAGE / CASE                   | 64-TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| NUMBER OF I/O                    | 53                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPS 128KB (128K 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                 | DSPIC33FJ128GP706A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

Related Tags

|                                                        |                                               |                                                                 |
|--------------------------------------------------------|-----------------------------------------------|-----------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ128GP706AT-I/PT | DSPIC33FJ128GP706AT-I/PT Distributor          | DSPIC33FJ128GP706AT-I/PT Supplier                               |
| DSPIC33FJ128GP706AT-I/PT Price                         | DSPIC33FJ128GP706AT-I/PT Pictures             | DSPIC33FJ128GP706AT-I/PT Image                                  |
| DSPIC33FJ128GP706AT-I/PT PDF Datasheet                 | DSPIC33FJ128GP706AT-I/PT Download Datasheet   | DSPIC33FJ128GP706AT-I/PT Datasheet                              |
| DSPIC33FJ128GP706AT-I/PT Stock                         | Buy DSPIC33FJ128GP706AT-I/PT                  | Buy Micrel / Microchip Technology DSPIC33FJ128GP706AT-I/PT      |
| Micrel / Microchip Technology DSPIC33FJ128GP706AT-I/PT | Micrel / Microchip Technology Supplier        | Micrel / Microchip Technology Distributor                       |
| Micrel / Microchip Technology DSPIC33FJ128GP706AT-I/PT | Microchip Technology DSPIC33FJ128GP706AT-I/PT | Roving Networks / Microchip Technology DSPIC33FJ128GP706AT-I/PT |

Related Products

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| <div><div>DSPIC33FJ128GP706A-E/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64TQFP</div><div>In stock: 14331 pcs</div><div>RFQ</div></div>  | <div><div>DSPIC33FJ128GP706A-I/MR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64QFN</div><div>In stock: 16310 pcs</div><div>RFQ</div></div>  |
| <div><div>DSPIC33FJ128GP708T-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 80TQFP</div><div>In stock: 4860 pcs</div><div>RFQ</div></div>   | <div><div>DSPIC33FJ128GP706T-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64TQFP</div><div>In stock: 16714 pcs</div><div>RFQ</div></div> |
| <div><div>DSPIC33FJ128GP706A-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64TQFP</div><div>In stock: 13185 pcs</div><div>RFQ</div></div>  | <div><div>DSPIC33FJ128GP708-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 80TQFP</div><div>In stock: 15981 pcs</div><div>RFQ</div></div>  |
| <div><div>DSPIC33FJ128GP706A-H/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64TQFP</div><div>In stock: 11947 pcs</div><div>RFQ</div></div>  | <div><div>DSPIC33FJ128GP706AT-I/MR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64QFN</div><div>In stock: 18086 pcs</div><div>RFQ</div></div> |
| <div><div>DSPIC33FJ128GP708AT-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 80TQFP</div><div>In stock: 19127 pcs</div><div>RFQ</div></div> | <div><div>DSPIC33FJ128GP706A-H/MR</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 64QFN</div><div>In stock: 13016 pcs</div><div>RFQ</div></div>  |
| <div><div>DSPIC33FJ128GP708A-I/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 80TQFP</div><div>In stock: 12266 pcs</div><div>RFQ</div></div>  | <div><div>DSPIC33FJ128GP708A-E/PT</div><div>Manufacturers: Micrel / Microchip Technology</div><div>Description: IC MCU 16BIT 128KB FLASH 80TQFP</div><div>In stock: 16685 pcs</div><div>RFQ</div></div> |

