

MICROCHIP

Micrel / Microchip Technology



Image may be representation. See specifications for product details.

DSPIC33FJ64GP706T-I/PT

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33FJ64GP706T-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Product description | IC MCU 16BIT 64KB FLASH 64TQFP <div>1.DSPIC33FJ64GP706T-I/PT.pdf</div> <div>2.DSPIC33FJ64GP706T-I/PT.pdf</div> <div>3.DSPIC33FJ64GP706T-I/PT.pdf</div> <div>4.DSPIC33FJ64GP706T-I/PT.pdf</div> <div>5.DSPIC33FJ64GP706T-I/PT.pdf</div> |
| Datasheets:         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Stock Condition     | 20395 pcs stock                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

REQUEST FOR QUOTATION

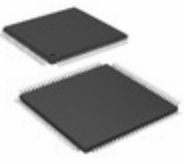
Specifications of DSPIC33FJ64GP706T-I/PT

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33FJ64GP706T-I/PT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 64TQFP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| QUANTITY AVAILABLE               | 20395 pcs                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| DATA SHEET                       | <div>1.DSPIC33FJ64GP706T-I/PT.pdf</div> <div>2.DSPIC33FJ64GP706T-I/PT.pdf</div> <div>3.DSPIC33FJ64GP706T-I/PT.pdf</div> <div>4.DSPIC33FJ64GP706T-I/PT.pdf</div> <div>5.DSPIC33FJ64GP706T-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              | 64KB (64K 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 64KB (64K 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                 | DSPIC33FJ64GP706                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33FJ64GP706T-I/PT | DSPIC33FJ64GP706T-I/PT Distributor          | DSPIC33FJ64GP706T-I/PT Supplier                               |
| DSPIC33FJ64GP706T-I/PT Price                         | DSPIC33FJ64GP706T-I/PT Pictures             | DSPIC33FJ64GP706T-I/PT Image                                  |
| DSPIC33FJ64GP706T-I/PT PDF Datasheet                 | DSPIC33FJ64GP706T-I/PT Download Datasheet   | DSPIC33FJ64GP706T-I/PT Datasheet                              |
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| Micrel / Microchip Technology DSPIC33FJ64GP706T-I/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
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Related Products

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| <div>MICROCHIP</div> <div>DSPIC33FJ64GP708T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 3217 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>DSPIC33FJ64GP708A-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 14271 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33FJ64GP706A-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64QFN</div> <div>In stock: 16810 pcs</div> <div>RFQ</div>   | <div>MICROCHIP</div> <div>DSPIC33FJ64GP706A-E/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64QFN</div> <div>In stock: 15837 pcs</div> <div>RFQ</div>   |
| <div>MICROCHIP</div> <div>DSPIC33FJ64GP706A-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 18285 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33FJ64GP706AT-I/MR</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64QFN</div> <div>In stock: 18239 pcs</div> <div>RFQ</div>  |
| <div>MICROCHIP</div> <div>DSPIC33FJ64GP708AT-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 20783 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33FJ64GP710-I/PF</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 100TQFP</div> <div>In stock: 13993 pcs</div> <div>RFQ</div>           |
| <div>MICROCHIP</div> <div>DSPIC33FJ64GP706A-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 16099 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33FJ64GP706AT-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 18312 pcs</div> <div>RFQ</div> |
| <div>MICROCHIP</div> <div>DSPIC33FJ64GP708A-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 14614 pcs</div> <div>RFQ</div>  | <div>MICROCHIP</div> <div>DSPIC33FJ64GP708-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 16419 pcs</div> <div>RFQ</div>   |