

DSPIC33FJ64GP710AT-I/PF





Part Number:

DSPIC33FJ64GP710AT-I/PF

Manufacturer:

Micrel / Microchip Technology

Description:

IC MCU 16BIT 64KB FLASH 100TQFP

Data sheet:

 [dsPIC33FJ\(64,128\)GPz\(06,08,10\)A Errata & Datasheet](#)

 [16-bit Embedded Control Solutions](#)

 [DSPIC33FJyyyGPY06/08/10A](#)

RoHs Status:

Lead free / RoHS Compliant

Ship From:

Hong Kong

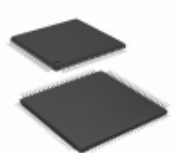
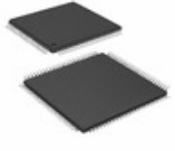
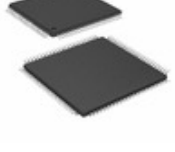
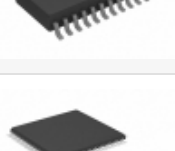
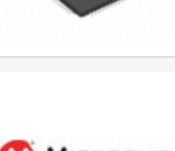
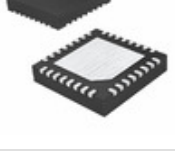
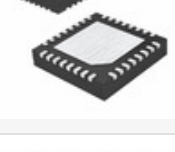
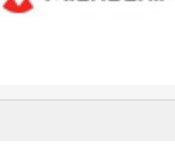
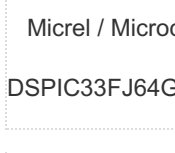
Shipment Way:

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Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                     |                                |                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | DSPIC33FJ64GP710AT-I/PF                                             | Manufacturer                   | <a href="#">Micrel / Microchip Technology</a>                                                                                                                           |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | IC MCU 16BIT 64KB FLASH 100TQFP                                     | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 4186 pcs                                                            | Data sheet                     | <a href="#">dsPIC33FJ(64,128)GPz(06,08,10)A Errata &amp; Datasheet</a><br><a href="#">16-bit Embedded Control Solutions</a><br><a href="#">DSPIC33FJyyyGPY06/08/10A</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                           | Voltage - Supply (Vcc/Vdd)     | 3 V ~ 3.6 V                                                                                                                                                             |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 100-TQFP (14x14)                                                    | 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, I <sup>2</sup> S, POR, PWM, WDT | Packaging                      | Tape & Reel (TR)                                                                                                                                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100-TQFP                                                            | Oscillator Type                | Internal                                                                                                                                                                |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | -40°C ~ 85°C (TA)                                                   | Number of I/O                  | 85                                                                                                                                                                      |
| 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 100-TQFP (14x14)                                                                                |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | A/D 32x10b/12b                                                      | Core Size                      | 16-Bit                                                                                                                                                                  |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | dsPIC                                                               | Connectivity                   | CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART                                                                                                                 |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DSPIC33FJ64GP710A                                                   |                                |                                                                                                                                                                         |
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| RELATED PRODUCTS                                                                   |                                                                                                |                                                              |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">DSPIC33FJ64GP802-I/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP710A-I/PF</a><br>Description: IC MCU 16BIT 64KB FLASH 100TQFP  | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP802-E/SP</a><br>Description: IC MCU 16BIT 64KB FLASH 28SDIP    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP802-I/MM</a><br>Description: IC MCU 16BIT 64KB FLASH 28QFN     | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
|  | Part#: <a href="#">DSPIC33FJ64GP802-H/SO</a><br>Description: IC MCU 16BIT 64KB FLASH 28SOIC    | Manufacturers: <a href="#">Micrel / Microchip Technology</a> | <div>RFQ</div> |
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