



Image may be representation.
See specifications for product details.



DSPIC33FJ256GP710A-E/PT

Manufacturer Part Number **DSPIC33FJ256GP710A-E/PT**

Manufacturer **Microchip Technology**

Allelco Part Number **32D-DSPIC33FJ256GP710A-E/PT**

ECAD Model [Request Free CAD Models](#)

Parts Description **IC MCU 16BIT 256KB FLASH 100TQFP**

Package **100-TQFP**

Data sheet **[16-bit Embedded Control Solutions.pdf](#)**

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[DSPIC33FJyyyGPy06/08/10A.pdf](#)

RoHs Status **ROHS3 Compliant**

Get a Quote

DSPIC33FJ256GP710A-E/PT - Microchip Technology. New Original in Stock. Download Linear Technology DSPIC33FJ256GP710A-E/PT datasheet/specifications on AllelcoElec.com.

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Specifications

DSPIC33FJ256GP710A-E/PT Tech Specifications

DSPIC33FJ256GP710A-E/PT - Microchip Technology technical specifications, attributes, parameters

| Product Attribute | Attribute Value | Product Attribute | Attribute Value |
|----------------------------|--|-----------------------|---|
| Manufacturer | Microchip Technology | Oscillator Type | Internal |
| Voltage - Supply (Vcc/Vdd) | 3V ~ 3.6V | Operating Temperature | -40°C ~ 125°C (TA) |
| Supplier Device Package | 100-TQFP (12x12) | Number of I/O | 85 |
| Speed | 40 MIPS | Mounting Type | Surface Mount |
| Series | Automotive, AEC-Q100, dsPIC™ 33F | EEPROM Size | - |
| RAM Size | 30K x 8 | Data Converters | A/D 32x10b/12b |
| Program Memory Type | FLASH | Core Size | 16-Bit |
| Program Memory Size | 256KB (256K x 8) | Core Processor | dsPIC |
| Peripherals | AC97, Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT | Connectivity | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART |
| Package / Case | 100-TQFP | Base Product Number | DSPIC33FJ256GP710 |
| Package | Tray | | |

Parts with Similar Specifications

The three parts on the right have similar specifications to Microchip Technology DSPIC33FJ256GP710A-E/PT

| Product Attribute | | | | |
|----------------------------|--|--|--|--|
| Part Number | DSPIC33FJ256GP710A-E/PT | DSPIC33FJ256GP710A-I/PF | DSPIC33FJ256GP710-I/PF | DSPIC33FJ256GP710A-I/PT |
| Manufacturer | Microchip Technology | Microchip Technology | Microchip Technology | Microchip Technology |
| EEPROM Size | - | - | - | - |
| Operating Temperature | -40°C ~ 125°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) | -40°C ~ 85°C (TA) |
| Series | Automotive, AEC-Q100, dsPIC™ 33F | dsPIC™ 33F | dsPIC™ 33F | dsPIC™ 33F |
| Package / Case | 100-TQFP | 100-TQFP | 100-TQFP | 100-TQFP |
| Peripherals | AC97, Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT | AC97, Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT | AC97, Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT | AC97, Brown-out Detect/Reset, DMA, I ² S, POR, PWM, WDT |
| Core Processor | dsPIC | dsPIC | dsPIC | dsPIC |
| Data Converters | A/D 32x10b/12b | A/D 32x10b/12b | A/D 32x10b/12b | A/D 32x10b/12b |
| Base Product Number | DSPIC33FJ256GP710 | DSPIC33FJ256GP710 | DSPIC33FJ256GP710 | DSPIC33FJ256GP710 |
| Package | Tray | Tray | Tray | Tray |
| Speed | 40 MIPS | 40 MIPS | 40 MIPS | 40 MIPS |
| Program Memory Type | FLASH | FLASH | FLASH | FLASH |
| Supplier Device Package | 100-TQFP (12x12) | 100-TQFP (14x14) | 100-TQFP (14x14) | 100-TQFP (12x12) |
| RAM Size | 30K x 8 | 30K x 8 | 30K x 8 | 30K x 8 |
| Connectivity | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART | CANbus, I ² C, IrDA, LINbus, SPI, UART/USART |
| Voltage - Supply (Vcc/Vdd) | 3V ~ 3.6V | 3V ~ 3.6V | 3V ~ 3.6V | 3V ~ 3.6V |
| Mounting Type | Surface Mount | Surface Mount | Surface Mount | Surface Mount |
| Core Size | 16-Bit | 16-Bit | 16-Bit | 16-Bit |
| Oscillator Type | Internal | Internal | Internal | Internal |
| Program Memory Size | 256KB (256K x 8) | 256KB (256K x 8) | 256KB (256K x 8) | 256KB (256K x 8) |
| Number of I/O | 85 | 85 | 85 | 85 |

DSPIC33FJ256GP710A-E/PT Datasheet PDF

Download DSPIC33FJ256GP710A-E/PT pdf datasheets and Microchip Technology documentation for DSPIC33FJ256GP710A-E/PT - Microchip Technology.

Datasheets




[16-bit Embedded Control Solutions.pdf](#)




[DSPIC33FJyyyGPy06/08/10A.pdf](#)

PCN Packaging

 Label and Packing Changes 23/Sep/2015.pdf

 MBB/Label Chgs 16/Nov/2018.pdf

HTML Datasheet

 16-bit Embedded Control Solutions.pdf

PCN Assembly/Origin

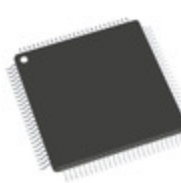
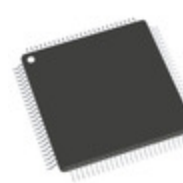
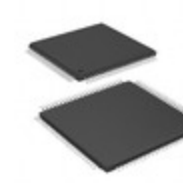
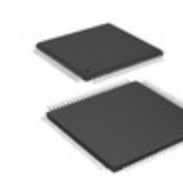

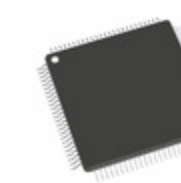
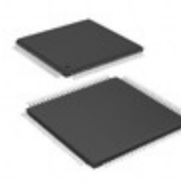
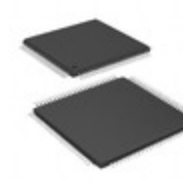
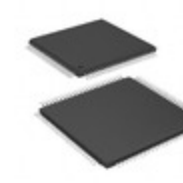
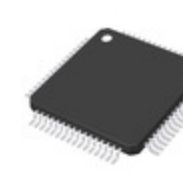
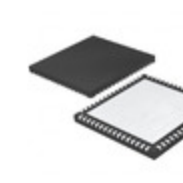
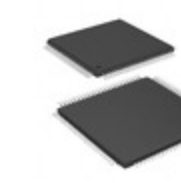
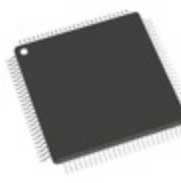
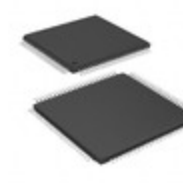
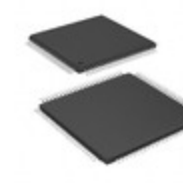
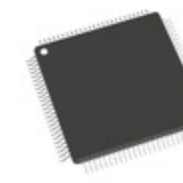
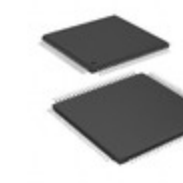

 Bond Wire 11/Jun/2019.pdf

PCN Design/Specification

 Palladium Copper Wire 05/Nov/2013.pdf

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| DSPIC33FJ256GP710A-I/PF | DSPIC33FJ256GP710-I/PF | DSPIC33FJ256GP710A-I/PT | DSPIC33FJ256MC510A-E/PT | DSPIC33FJ256GP710 | DSPIC33FJ256MC510A-E/PF |
| Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Micrel / Microchip Technology | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP |
|  |  |  |  |  |  |
| DSPIC33FJ256MC710-I/PT | DSPIC33FJ256GP510-I/PT | DSPIC33FJ256MC510-I/PT | DSPIC33FJ256GP506A-I/PT | DSPIC33FJ256GP506A-I/MR | DSPIC33FJ256MC510A-I/PT |
| Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 64TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 64VQFN | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP |
|  |  |  |  |  |  |
| DSPIC33FJ256MC710-I/PF | DSPIC33FJ256MC710A-E/PT | DSPIC33FJ256GP710-I/PT | DSPIC33FJ256GP710A-E/PF | DSPIC33FJ256GP510A-I/PT | DSPIC33FJ256GP506I/P |
| Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Microchip Technology IC MCU 16BIT 256KB FLASH 100TQFP | Micrel / Microchip Technology |

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Alleco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference | | |
|--|----------------|--------------------|
| Region | Country | Logistic Time(Day) |
| America | United States | 5 |
| | Brazil | 7 |
| Europe | Germany | 5 |
| | United Kingdom | 4 |
| | Italy | 5 |
| Oceania | Australia | 6 |
| | New Zealand | 7 |
| Asia | India | 6 |
| | Japan | 7 |
| Middle East | Israel | 6 |

| DHL & FedEx Shipment Charges Reference | |
|--|----------------------|
| Shipment charges(KG) | Reference DHL(USD\$) |
| 0.00kg-1.00kg | USD\$60.00 |
| 1.00kg-2.00kg | USD\$70.00 |
| 2.00kg-3.00kg | USD\$80.00 |

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.


Payment Support


The payment method can be chosen from the methods shown below:


Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.




Your Faithful Supply Chain Partner -


 Efficient Supply Management

 Cost-Saving Procurement

 Fast Sourcing & Delivery

Contact us if you have any questions.

 Phone
+00852 9146 4856

 Email
info@alleco.com

Certifications & Memberships



View More

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