



Micrel / Microchip Technology

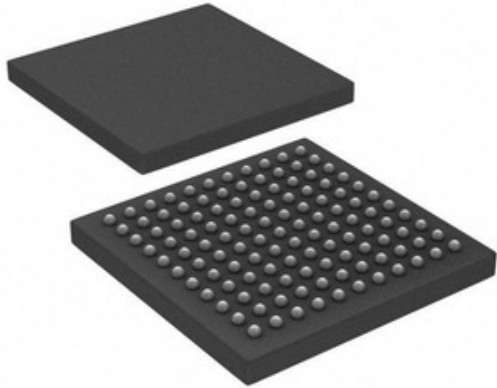


Image may be representation. See specifications for product details.

DSPIC33EP512GM710-H/BG

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP512GM710-H/BG                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 512KB FLASH 121BGA                                                                                |
| Datasheets:         |  1.DSPIC33EP512GM710-H/BG.pdf |
|                     |  2.DSPIC33EP512GM710-H/BG.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 11312 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

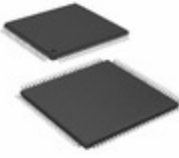
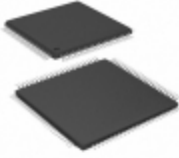
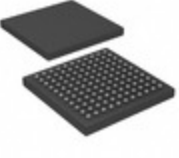
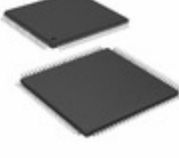
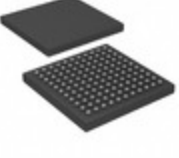
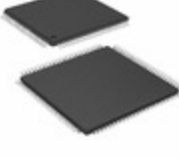
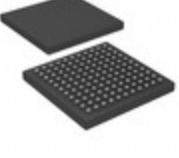
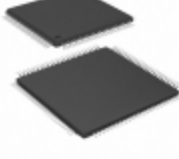
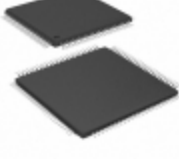
Specifications of DSPIC33EP512GM710-H/BG

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP512GM710-H/BG                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 512KB FLASH 121BGA                                                                                                                                                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 11312 pcs                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.DSPIC33EP512GM710-H/BG.pdf<br> 2.DSPIC33EP512GM710-H/BG.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | -                                                                                                                                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 121-TFBGA (10x10)                                                                                                                                                                                                                    |
| SPEED                            | -                                                                                                                                                                                                                                    |
| SERIES                           | dsPIC™ 33EP                                                                                                                                                                                                                          |
| RAM SIZE                         | 48K x 8                                                                                                                                                                                                                              |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 512KB (170K x 24)                                                                                                                                                                                                                    |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT                                                                                                                                                                   |
| PACKAGING                        | Tray                                                                                                                                                                                                                                 |
| PACKAGE / CASE                   | 121-TFBGA                                                                                                                                                                                                                            |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 150°C (TA)                                                                                                                                                                                                                   |
| NUMBER OF I/O                    | 85                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 512KB (170K x 24) FLASH 121-TFBGA (10x10)                                                                                                                                                |
| DATA CONVERTERS                  | A/D 49x10b/12b                                                                                                                                                                                                                       |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART                                                                                                                                                                                      |
| BASE PART NUMBER                 | DSPIC33EP512GM710                                                                                                                                                                                                                    |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP512GM710-H/BG | DSPIC33EP512GM710-H/BG Distributor          | DSPIC33EP512GM710-H/BG Supplier                               |
| DSPIC33EP512GM710-H/BG Price                         | DSPIC33EP512GM710-H/BG Pictures             | DSPIC33EP512GM710-H/BG Image                                  |
| DSPIC33EP512GM710-H/BG PDF Datasheet                 | DSPIC33EP512GM710-H/BG Download Datasheet   | DSPIC33EP512GM710-H/BG Datasheet                              |
| DSPIC33EP512GM710-H/BG Stock                         | Buy DSPIC33EP512GM710-H/BG                  | Buy Micrel / Microchip Technology DSPIC33EP512GM710-H/BG      |
| Micrel / Microchip Technology DSPIC33EP512GM710-H/BG | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP512GM710-H/BG | Microchip Technology DSPIC33EP512GM710-H/BG | Roving Networks / Microchip Technology DSPIC33EP512GM710-H/BG |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                            |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>DSPIC33EP512GM710-H/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 100TQFP<br/>In stock: 6871 pcs<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP512GM710-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 100TQFP<br/>In stock: 15893 pcs<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33EP512GM706T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64TQFP<br/>In stock: 18684 pcs<br/><div>RFQ</div></div> |  <div><b>DSPIC33EP512GM710-E/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 121BGA<br/>In stock: 16106 pcs<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP512GM710-E/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 100TQFP<br/>In stock: 12748 pcs<br/><div>RFQ</div></div> |  <div><b>DSPIC33EP512GM710T-I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 121BGA<br/>In stock: 17239 pcs<br/><div>RFQ</div></div> |
|  <div><b>DSPIC33EP512GM710-I/PF</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 100TQFP<br/>In stock: 14349 pcs<br/><div>RFQ</div></div> |  <div><b>DSPIC33EP512GM710-I/BG</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 121BGA<br/>In stock: 17604 pcs<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP512GM706T-I/MR</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64QFN<br/>In stock: 2794 pcs<br/><div>RFQ</div></div>   |  <div><b>DSPIC33EP512GM706-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 64TQFP<br/>In stock: 16563 pcs<br/><div>RFQ</div></div>  |
|  <div><b>DSPIC33EP512GM710-H/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 100TQFP<br/>In stock: 3497 pcs<br/><div>RFQ</div></div>  |  <div><b>DSPIC33EP512GM710-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 512KB FLASH 100TQFP<br/>In stock: 16466 pcs<br/><div>RFQ</div></div> |