



## DSPIC33EP512MC206T-I/MR

**Manufacturer Part Number:** DSPIC33EP512MC206T-I/MR

**Manufacturer/Brand:** Micrel / Microchip Technology

**Part of Description:** IC MCU 16BIT 512KB FLASH 64QFN

**Datasheets:**

- [1.DSPIC33EP512MC206T-I/MR.pdf](#)
- [2.DSPIC33EP512MC206T-I/MR.pdf](#)
- [3.DSPIC33EP512MC206T-I/MR.pdf](#)

**RoHS Status:** Lead free / RoHS

**Stock Condition:** New original, Stock Available.

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

Image may be representation.  
See specs for product details.

### Specifications

|                            |   |
|----------------------------|---|
| Part Number                | DSPIC33EP512MC206T-I/MR                                 |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 16BIT 512KB FLASH 64QFN                          |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers |
| Part Status                | Require For Quote & Check Stock                         |
| Series                     | dsPIC™ 33EP   |
| Operating Temperature      | -40°C ~ 85°C (TA)                                       |
| Package / Case             | 64-VFQFN Exposed Pad                                    |
| Supplier Device Package    | 64-QFN (9x9)  |
| Peripherals                | Brown-out Detect/Reset, DMA, Motor Control PWM,         |
| Core Processor             | dsPIC   |
| Speed                      | 70 MIPS   |
| Number of I/O              | 53  |
| EEPROM Size                | -   |
| RAM Size                   | 24K x 16  |
| Core Size                  | 16-Bit  |
| Connectivity               | I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART       |
| Program Memory Size        | 512KB (170K x 24)                                       |
| Program Memory Type        | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V   |
| Data Converters            | A/D 16x10b/12b  |
| Oscillator Type            | Internal  |
| Packaging                  | Tape & Reel (TR)  |

DSPIC33EP512MC206T-I/MR is New Original in Stock, Search DSPIC33EP512MC206T-I/MR Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP512MC206T-I/MR Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP512MC206T-I/MR : Info@Y-IC.com

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### Hot Parts

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|------------------------|------------------------|-----------------|-------------------|--------------------|
| 0805U4R7CAT2A          | 1SMB33CAT3             | AD75060JR-REEL  | ADP151ACBZ-1.8-R7 | AOB10N60L          |
| AS1359-BTTT-45         | AT5221A-3.3DAU4R       | AWT6264RM49P8   | BL9198-12BAPURN   | BZX79C9V1          |
| DB3X209K0L             | DMP2160UFDB-7-HN       | EPA2010A        | FD1500CV-90DA     | GCM2165C1H132JA16D |
| GRM152D70G224ME15D     | GRM31MR61C824KA01L     | HBS050YJ-A      | HD64F2148AVTE10   | IP-254CX           |
| IS61LV12816L-10TL      | LM393MX/NOPB           | LM78M24CT       | LTC7545ABSW#TRPBF | MA21D34009JN       |
| MIC2551AYMLTR          | MT6225A/B              | NFE61HT102F2A9L | NTD30N02T4G       | PD25-24-15         |
| PIC32MZ0512EFF064-I/MR | PT7C4563ZEEX           | SD30OC04C       | SFHG05EA002       | SKB50/16           |
| SKKT460/22             | SKT180/06CU            | SMBT3906DW1T1G  | SMV1145-011       | SN74ALS258DRG4     |
| SP0503BAHT             | SST25VF080B-80-4I-S2AF | STM32F101TBU6   | STM32F103RET6     | TPS2015D           |
| TT380N14K0F            | UPD780138GB            | VE-J42-CY       | W4534NC060        | ZP200A800V         |

Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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