
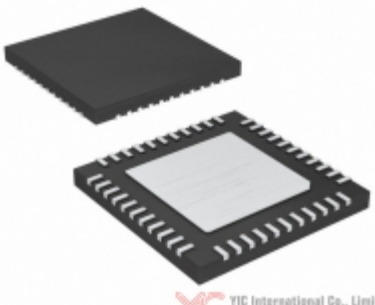



|   |  |   |
|---|--|---|
|   | <h2>DSPIC33EP64MC504-I/ML</h2>   |   |
|   | <b>Manufacturer Part Number:</b>   | DSPIC33EP64MC504-I/ML   |
|  | <b>Manufacturer/Brand:</b>   | Micrel / Microchip Technology   |
|   | <b>Part of Description:</b>  | IC MCU 16BIT 64KB FLASH 44QFN   |
|   | <b>Datasheets:</b>   | <a href="#">1.DSPIC33EP64MC504-I/ML.pdf</a><br><a href="#">2.DSPIC33EP64MC504-I/ML.pdf</a><br><a href="#">3.DSPIC33EP64MC504-I/ML.pdf</a> |
| <b>RoHs Status:</b>   |  Lead free / RoHS |   |
| <b>Stock Condition:</b>   | Compliant<br>New original, Stock Available.  |   |
| <b>Ship From:</b>   | Hong Kong  |   |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS  |   |
| Image may be representation. See specs for product details.                       |  |   |

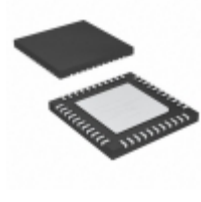
### Specifications

|                            |   |
|----------------------------|---|
| Part Number                | DSPIC33EP64MC504-I/ML                                   |
| Manufacturer               | Micrel / Microchip Technology                           |
| Description                | IC MCU 16BIT 64KB FLASH 44QFN                           |
| 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             | 44-VQFN Exposed Pad                                     |
| Supplier Device Package    | 44-QFN (8x8)  |
| Peripherals                | Brown-out Detect/Reset, DMA, Motor Control PWM,         |
| Core Processor             | dsPIC   |
| Speed                      | 70 MIPS   |
| Number of I/O              | 35  |
| EEPROM Size                | -   |
| RAM Size                   | 4K x 16   |
| Core Size                  | 16-Bit  |
| Connectivity               | CAN, I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART  |
| Program Memory Size        | 64KB (22K x 24)   |
| Program Memory Type        | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V   |
| Data Converters            | A/D 9x10b/12b   |
| Oscillator Type            | Internal  |
| Packaging                  | Tube  |

DSPIC33EP64MC504-I/ML is New Original in Stock, Search DSPIC33EP64MC504-I/ML Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP64MC504-I/ML Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP64MC504-I/ML : Info@Y-IC.com

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|  <p><b>DSPIC33EP64MC504-I/MV</b><br/>Micrel / Microchip Technology<br/>IC MCU 16BIT 64KB FLASH<br/>48UQFN</p> |  <p><b>DSPIC33EP64MC504T-E/ML</b><br/>Micrel / Microchip Technology<br/>IC MCU 16BIT 64KB FLASH<br/>44QFN</p> |  <p><b>DSPIC33EP64MC504T-E/PT</b><br/>Micrel / Microchip Technology<br/>IC MCU 16BIT 64KB FLASH<br/>44TQFP</p> |  <p><b>DSPIC33EP64MC504-E/ML</b><br/>Micrel / Microchip Technology<br/>IC MCU 16BIT 64KB FLASH<br/>44QFN</p>  |

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|--------------------|--------------------|-------------------|---------------------|-----------------------|
| 06031A510FAT2A     | 0805YC103KAT4A     | 2450LP14B100E     | AOZ5049QI           | AP1084K50             |
| AP7115-33W         | ATMEGA88PB-AU      | BA8206BA4L        | BD4933FVE-TR        | BF3216-B2R4DAAT       |
| BStP4488           | BZM55B20-TR        | BZT52-B2V7S       | C1608X5R1H223M080AA | CC1210KX7R7BB106      |
| DAC712UK-1         | EC580406-1         | EM1402-C-TS       | FP15R06W1E3         | GCM21BR71H104KA37K    |
| GRM0335C1H220JA01J | GRM2196P2A240JZ01D | HAT2028RJ-EL      | HAT20AAJ            | LMS8117ADTX-3.3/NOPB  |
| LS75C2DE-T         | LT1945EMS#TRPBF    | LTC2389CLX-18#PBF | MC33886VW           | PCT25VF080B-80-4C-QAE |
| PQ1K253M2ZPH       | PS21245-B03        | S-1206B16-M3T1G   | SI4404DY            | STB270N4F3-6          |
| STD12NE06LT4       | STE180NE10         | SUD45P03-09-GE3   | SUP80N15-20L-E3     | TAJA106K016R          |
| TD2108W33E         | TG1606BSL          | TMP86PM47AUG      | TMP87C405M-1737     | UMK063CH070DT-F       |
| UPA2781GR          | VI-26Z-CV          | VI-2NV-EV         | W.FL2-R-SMT-1       | XR16V564IV80-F        |

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