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|---|---|
|   | <b>DSPIC33EP128GM304-E/PT</b>   |
|   | <b>Manufacturer Part Number:</b> DSPIC33EP128GM304-E/PT   |
|  | <b>Manufacturer/Brand:</b> Micrel / Microchip Technology  |
|   | <b>Part of Description:</b> IC MCU 16BIT 128KB FLASH 44TQFP   |
|   | <b>Datasheets:</b> <ul style="list-style-type: none"> <li> 1.DSPIC33EP128GM304-E/PT.pdf</li> <li> 2.DSPIC33EP128GM304-E/PT.pdf</li> </ul> |
|   | <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.<br>See specs for product details.                    |   |

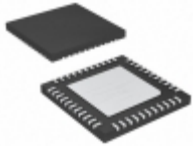

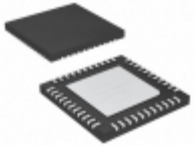





**Specifications**

|                            |   |
|----------------------------|---|
| Part Number                | DSPIC33EP128GM304-E/PT  |
| Manufacturer               | Micrel / Microchip Technology                                     |
| Description                | IC MCU 16BIT 128KB FLASH 44TQFP                                   |
| Category                   | Integrated Circuits (ICs) > Embedded - Microcontrollers           |
| Part Status                | Require For Quote & Check Stock                                   |
| Series                     | dsPIC™ 33EP   |
| Operating Temperature      | -40°C ~ 125°C (TA)  |
| Package / Case             | 44-TQFP   |
| Supplier Device Package    | 44-TQFP (10x10)   |
| Peripherals                | Brown-out Detect/Reset, DMA, I <sup>2</sup> S, Motor Control PWM, |
| Core Processor             | dsPIC   |
| Speed                      | 60 MIPS   |
| Number of I/O              | 35  |
| EEPROM Size                | -   |
| RAM Size                   | 16K x 8   |
| Core Size                  | 16-Bit  |
| Connectivity               | I <sup>2</sup> C, IrDA, LIN, QEI, SPI, UART/USART                 |
| Program Memory Size        | 128KB (43K x 24)  |
| Program Memory Type        | FLASH   |
| Voltage - Supply (Vcc/Vdd) | 3 V ~ 3.6 V   |
| Data Converters            | A/D 18x10b/12b  |
| Oscillator Type            | Internal  |
| Packaging                  | Tray  |

DSPIC33EP128GM304-E/PT is New Original in Stock, Search DSPIC33EP128GM304-E/PT Datasheets, PDF, Inventory at Y-IC.com Online, Order DSPIC33EP128GM304-E/PT Micrel / Microchip Technology with warrantied and confidence. RFQ DSPIC33EP128GM304-E/PT : Info@Y-IC.com

















































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|  <p><b>DSPIC33EP128GM304T-I/ML</b><br/>Micrel / Microchip Technology<br/>IC MCU 16BIT 128KB FLASH<br/>44QFN</p>  |  <p><b>DSPIC33CK64MP508-I/PT</b><br/>Micrel / Microchip Technology<br/>16 BIT DSC, 64KB FLASH, 8KB<br/>RAM,</p>  |  <p><b>DSPIC33EP128GM304-I/ML</b><br/>Micrel / Microchip Technology<br/>IC MCU 16BIT 128KB FLASH<br/>44QFN</p>  |  <p><b>DSPIC33EP128GM304-H/PT</b><br/>Micrel / Microchip Technology<br/>IC MCU 16BIT 128KB FLASH<br/>44TQFP</p> |
|  <p><b>DSPIC33CK64MP506T-I/PT</b><br/>Micrel / Microchip Technology<br/>16 BIT DSC, 64KB FLASH, 8KB<br/>RAM,</p> |  <p><b>DSPIC33CK64MP508T-I/PT</b><br/>Micrel / Microchip Technology<br/>16 BIT DSC, 64KB FLASH, 8KB<br/>RAM,</p> |  <p><b>DSPIC33CK64MP508-E/PT</b><br/>Micrel / Microchip Technology<br/>16 BIT DSC, 64KB FLASH, 8KB<br/>RAM,</p> |  <p><b>DSPIC33EP128GM304-I/PT</b><br/>Micrel / Microchip Technology<br/>IC MCU 16BIT 128KB FLASH<br/>44TQFP</p> |

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|--|--|---|---|--|
|  0805ZC224KAT2A       |  18125C105KAZ2A |  22253C105JAT2A  |  D 6MBP150RA060       |  AXE530127            |
|  BA6406F-E2.          |  BZD27C27P_R1   |  D CAT25C6V-TE13 |  CGA2B3X7S2A332K050BB |  CGA4J3X8R1E474K125AE |
|  CGA5L3X5R1V155M160AB |  CL03C110JA3GNH |  CL31B104KBCSFNC |  CM2020-00TR          |  DMG4710SSS-13        |
|  D EWC46501           |  FDD1600N10ALZD |  FS100R12KE3     |  GP1US301XP           |  GRM1556R1H6R7D201D   |
|  GRM1885C2A9R0BA01J   |  HC-PT040V4B15  |  IMP708CPA       |  IPP60R380E6          |  IRU1175CMTRPBF.      |
|  ISP1704AETTM         |  LP2980AIM5-2.9 |  LT3010EMS8E#PBF |  LX1692IPWTR          |  MAX6348-44D          |
|  MAX8727ETB+          |  MURP200200CT   |  NJU7201U32      |  RS1E240GN            |  RTE24012             |
|  S-80820CNMC-B8F-T2   |  S9S08QC6CDSE   |  SBR8E60P5-13    |  SI6469DQ-T1-E3       |  SML100EUZ04JD        |
|  STC12C5202PWM        |  STI5516EWCL    |  SW12PCR055      |  D TCS4056_H          |  TK71520ASCL          |
|  TPS51716RUKR         |  TPS56921PWP    |  TT32F1000KFC    |  UMK105B7472KV-F      |  VS-12CWQ10FNTRRH3    |

Contact us: **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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