



DSPIC33EP64GS804T-I/PT

|                     |                                                                                                                |
|---------------------|----------------------------------------------------------------------------------------------------------------|
| Part Number:        | DSPIC33EP64GS804T-I/PT                                                                                         |
| Manufacturer/Brand: | Micrel / Microchip Technology                                                                                  |
| Product description | IC MCU 16BIT 64KB FLASH 44TQFP                                                                                 |
| Datasheets:         |  1.DSPIC33EP64GS804T-I/PT.pdf |
|                     |  2.DSPIC33EP64GS804T-I/PT.pdf |
| RoHs Status         |  Lead free / RoHS Compliant   |
| Stock Condition     | 24349 pcs stock                                                                                                |
| Ship From           | Hong Kong                                                                                                      |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                          |

REQUEST FOR QUOTATION

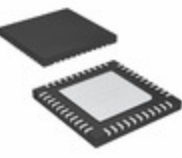
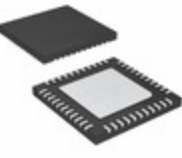
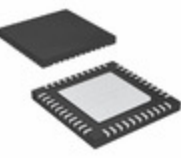
Specifications of DSPIC33EP64GS804T-I/PT

|                                  |                                                                                                                                                                                                                                      |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP64GS804T-I/PT                                                                                                                                                                                                               |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                                                                                                                                        |
| DESCRIPTION                      | IC MCU 16BIT 64KB FLASH 44TQFP                                                                                                                                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| QUANTITY AVAILABLE               | 24349 pcs                                                                                                                                                                                                                            |
| DATA SHEET                       |  1.DSPIC33EP64GS804T-I/PT.pdf<br> 2.DSPIC33EP64GS804T-I/PT.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                                                                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 44-TQFP (10x10)                                                                                                                                                                                                                      |
| SPEED                            | 70 MIPS                                                                                                                                                                                                                              |
| SERIES                           | dsPIC™ 33EP                                                                                                                                                                                                                          |
| RAM SIZE                         | 8K x 8                                                                                                                                                                                                                               |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | 64KB (64K x 8)                                                                                                                                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                                                                                                                                      |
| PACKAGING                        | Tape & Reel (TR)                                                                                                                                                                                                                     |
| PACKAGE / CASE                   | 44-TQFP                                                                                                                                                                                                                              |
| OTHER NAMES                      | DSPIC33EP64GS804T-I/PT-ND<br>DSPIC33EP64GS804T-I/PTTR                                                                                                                                                                                |
| OSCILLATOR TYPE                  | Internal                                                                                                                                                                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                                                                                                                                    |
| NUMBER OF I/O                    | 33                                                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                           |
| EEPROM SIZE                      | -                                                                                                                                                                                                                                    |
| DETAILED DESCRIPTION             | dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPS 64KB (64K x 8) FLASH 44-TQFP (10x10)                                                                                                                                             |
| DATA CONVERTERS                  | A/D 17x12b, D/A 1x12b                                                                                                                                                                                                                |
| CORE SIZE                        | 16-Bit                                                                                                                                                                                                                               |
| CORE PROCESSOR                   | dsPIC                                                                                                                                                                                                                                |
| CONNECTIVITY                     | I²C, IrDA, LINbus, SPI, UART/USART                                                                                                                                                                                                   |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP64GS804T-I/PT | DSPIC33EP64GS804T-I/PT Distributor          | DSPIC33EP64GS804T-I/PT Supplier                               |
| DSPIC33EP64GS804T-I/PT Price                         | DSPIC33EP64GS804T-I/PT Pictures             | DSPIC33EP64GS804T-I/PT Image                                  |
| DSPIC33EP64GS804T-I/PT PDF Datasheet                 | DSPIC33EP64GS804T-I/PT Download Datasheet   | DSPIC33EP64GS804T-I/PT Datasheet                              |
| DSPIC33EP64GS804T-I/PT Stock                         | Buy DSPIC33EP64GS804T-I/PT                  | Buy Micrel / Microchip Technology DSPIC33EP64GS804T-I/PT      |
| Micrel / Microchip Technology DSPIC33EP64GS804T-I/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP64GS804T-I/PT | Microchip Technology DSPIC33EP64GS804T-I/PT | Roving Networks / Microchip Technology DSPIC33EP64GS804T-I/PT |

Related Products

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| <div></div> <div>DSPIC33EP64GS805T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 48TQFP</div> <div>In stock: 22808 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP64GS804-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44TQFP</div> <div>In stock: 15847 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64GS805-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 48TQFP</div> <div>In stock: 17724 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP64GS806-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 21427 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64GS804T-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44QFN</div> <div>In stock: 23578 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP64GS805-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 48TQFP</div> <div>In stock: 23156 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64GS804-E/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44QFN</div> <div>In stock: 22220 pcs</div> <div>RFQ</div>   | <div></div> <div>DSPIC33EP64GS806-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 16238 pcs</div> <div>RFQ</div>  |
| <div></div> <div>DSPIC33EP64GS804-E/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44TQFP</div> <div>In stock: 17966 pcs</div> <div>RFQ</div>  | <div></div> <div>DSPIC33EP64GS804-I/ML</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 44QFN</div> <div>In stock: 23949 pcs</div> <div>RFQ</div>   |
| <div></div> <div>DSPIC33EP64GS708T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 80TQFP</div> <div>In stock: 23054 pcs</div> <div>RFQ</div> | <div></div> <div>DSPIC33EP64GS806T-I/PT</div> <div>Manufacturers: Micrel / Microchip Technology</div> <div>Description: IC MCU 16BIT 64KB FLASH 64TQFP</div> <div>In stock: 23661 pcs</div> <div>RFQ</div> |