



DSPIC33EP128GS805-E/PT

|                     |                                 |
|---------------------|---------------------------------|
| Part Number:        | DSPIC33EP128GS805-E/PT          |
| Manufacturer/Brand: | Micrel / Microchip Technology   |
| Product description | IC MCU 16BIT 128KB FLASH 48TQFP |
|                     | 1.DSPIC33EP128GS805-E/PT.pdf    |
|                     | 2.DSPIC33EP128GS805-E/PT.pdf    |
| Datasheets:         |                                 |
| RoHs Status         | Lead free / RoHS Compliant      |
| Stock Condition     | 17358 pcs stock                 |
| Ship From           | Hong Kong                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS           |

REQUEST FOR QUOTATION

Specifications of DSPIC33EP128GS805-E/PT

|                                  |                                                                                                                |
|----------------------------------|----------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | DSPIC33EP128GS805-E/PT                                                                                         |
| MANUFACTURER                     | Micrel / Microchip Technology                                                                                  |
| DESCRIPTION                      | IC MCU 16BIT 128KB FLASH 48TQFP                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| QUANTITY AVAILABLE               | 17358 pcs                                                                                                      |
| DATA SHEET                       | 1.DSPIC33EP128GS805-E/PT.pdf<br>2.DSPIC33EP128GS805-E/PT.pdf                                                   |
| VOLTAGE - SUPPLY (VCC/VDD)       | 3 V ~ 3.6 V                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 48-TQFP (7x7)                                                                                                  |
| SPEED                            | 60 MIPs                                                                                                        |
| SERIES                           | Automotive, AEC-Q100, dsPIC™ 33EP                                                                              |
| RAM SIZE                         | 8K x 8                                                                                                         |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                          |
| PROGRAM MEMORY SIZE              | 128KB (43K x 24)                                                                                               |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT                                                                |
| PACKAGING                        | Tray                                                                                                           |
| PACKAGE / CASE                   | 48-TQFP                                                                                                        |
| OSCILLATOR TYPE                  | Internal                                                                                                       |
| OPERATING TEMPERATURE            | -40°C ~ 125°C (TA)                                                                                             |
| NUMBER OF I/O                    | 33                                                                                                             |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                     |
| EEPROM SIZE                      | -                                                                                                              |
| DETAILED DESCRIPTION             | dsPIC Automotive, AEC-Q100, dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 128KB (43K x 24) FLASH 48-TQFP (7x7) |
| DATA CONVERTERS                  | A/D 17x12b, D/A 1x12b                                                                                          |
| CORE SIZE                        | 16-Bit                                                                                                         |
| CORE PROCESSOR                   | dsPIC                                                                                                          |
| CONNECTIVITY                     | CANbus, I²C, IrDA, LINbus, SPI, UART/USART                                                                     |

Related Tags

|                                                      |                                             |                                                               |
|------------------------------------------------------|---------------------------------------------|---------------------------------------------------------------|
| Micrel / Microchip Technology DSPIC33EP128GS805-E/PT | DSPIC33EP128GS805-E/PT Distributor          | DSPIC33EP128GS805-E/PT Supplier                               |
| DSPIC33EP128GS805-E/PT Price                         | DSPIC33EP128GS805-E/PT Pictures             | DSPIC33EP128GS805-E/PT Image                                  |
| DSPIC33EP128GS805-E/PT PDF Datasheet                 | DSPIC33EP128GS805-E/PT Download Datasheet   | DSPIC33EP128GS805-E/PT Datasheet                              |
| DSPIC33EP128GS805-E/PT Stock                         | Buy DSPIC33EP128GS805-E/PT                  | Buy Micrel / Microchip Technology DSPIC33EP128GS805-E/PT      |
| Micrel / Microchip Technology DSPIC33EP128GS805-E/PT | Micrel / Microchip Technology Supplier      | Micrel / Microchip Technology Distributor                     |
| Micrel / Microchip Technology DSPIC33EP128GS805-E/PT | Microchip Technology DSPIC33EP128GS805-E/PT | Roving Networks / Microchip Technology DSPIC33EP128GS805-E/PT |

Related Products

|                                                                                                                                                                            |                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><b>DSPIC33EP128GS804-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 17070 pcs</p> <p>RFQ</p>  | <p><b>DSPIC33EP128GS806-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 17764 pcs</p> <p>RFQ</p>  |
| <p><b>DSPIC33EP128GS805T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 48TQFP<br/>In stock: 16452 pcs</p> <p>RFQ</p> | <p><b>DSPIC33EP128GS804T-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44VQFN<br/>In stock: 19509 pcs</p> <p>RFQ</p> |
| <p><b>DSPIC33EP128GS806-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 16194 pcs</p> <p>RFQ</p>  | <p><b>DSPIC33EP128GS804-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 19649 pcs</p> <p>RFQ</p>  |
| <p><b>DSPIC33EP128GS805-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 48TQFP<br/>In stock: 17640 pcs</p> <p>RFQ</p>  | <p><b>DSPIC33EP128GS804-E/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44VQFN<br/>In stock: 17471 pcs</p> <p>RFQ</p>  |
| <p><b>DSPIC33EP128GS806T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 64TQFP<br/>In stock: 22297 pcs</p> <p>RFQ</p> | <p><b>DSPIC33EP128GS804T-I/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44TQFP<br/>In stock: 16120 pcs</p> <p>RFQ</p> |
| <p><b>DSPIC33EP128GS804-I/ML</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 44VQFN<br/>In stock: 15347 pcs</p> <p>RFQ</p>  | <p><b>DSPIC33EP128GS808-E/PT</b><br/>Manufacturers: Micrel / Microchip Technology<br/>Description: IC MCU 16BIT 128KB FLASH 80TQFP<br/>In stock: 17934 pcs</p> <p>RFQ</p>  |