



Micrel / Microchip Technology

## DSPIC33EP128MC506-H/MR

Part Number:	DSPIC33EP128MC506-H/MR
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 128KB FLASH 64QFN
Datasheets:	<a href="#">1.DSPIC33EP128MC506-H/MR.pdf</a> <a href="#">2.DSPIC33EP128MC506-H/MR.pdf</a>
RoHs Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of DSPIC33EP128MC506-H/MR

PART NUMBER	DSPIC33EP128MC506-H/MR
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 128KB FLASH 64QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.DSPIC33EP128MC506-H/MR.pdf</a> <a href="#">2.DSPIC33EP128MC506-H/MR.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-QFN (9x9)
SPEED	60 MIPs
SERIES	dsPIC™ 33EP
RAM SIZE	8K x 16
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (43K x 24)
PERIPHERALS	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	64-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 150°C (TA)
NUMBER OF I/O	53
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 128KB (43K x 24) FLASH 64-QFN (9x9)
DATA CONVERTERS	A/D 16x10b/12b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, QEI, SPI, UART/USART
BASE PART NUMBER	DSPIC33EP128MC506

### Related Tags

Micrel / Microchip Technology DSPIC33EP128MC506-H/MR	DSPIC33EP128MC506-H/MR Distributor	DSPIC33EP128MC506-H/MR Supplier
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DSPIC33EP128MC506-H/MR PDF Datasheet	DSPIC33EP128MC506-H/MR Download Datasheet	DSPIC33EP128MC506-H/MR Datasheet
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### Related Products

<p><b>DSPIC33EP128MC506-H/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP128MC506-E/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP128MC506T-E/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP128MC506-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64TQFP                  In stock: 675 pcs  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP128MC506T-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP128MC506T-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP128MC506-I/MR</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP128MC506-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 64TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP128MC504T-I/MV</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 48UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP128MC504T-I/TL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44VTLA                  In stock: Out stock  <a href="#">RFQ</a></p>
<p><b>DSPIC33EP128MC504T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	<p><b>DSPIC33EP128MC504T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 128KB FLASH 44QFN                  In stock: Out stock  <a href="#">RFQ</a></p>

