

DSPIC33EP256GM304-I/PT





Part Number: [DSPIC33EP256GM304-I/PT](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 256KB FLASH 44TQFP

Data sheet:  [dsPIC33EPyyyGM3yy,6yy,7yy](#)
 [dsPIC33EPyyyGM3,6,7 Family Errata](#)

RoHs Status: Lead free / RoHS Compliant

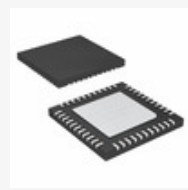
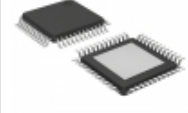
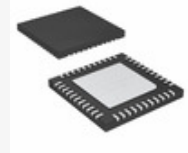
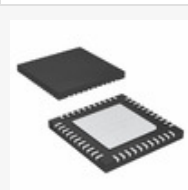
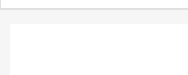
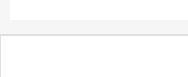
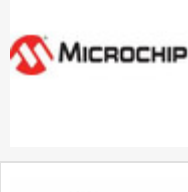
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PRODUCT PARAMETER			
Part Number	DSPIC33EP256GM304-I/PT	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 256KB FLASH 44TQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21754 pcs	Data sheet	dsPIC33EPyyyGM3yy,6yy,7yy dsPIC33EPyyyGM3,6,7 Family Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3V ~ 3.6V
Supplier Device Package	44-TQFP (10x10)	Speed	70 MIPs
Series	dsPIC™ 33EP	RAM Size	32K x 8
Program Memory Type	FLASH	Program Memory Size	256KB (85.5K x 24)
Peripherals	Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT	Packaging	Tray
Package / Case	44-TQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	35
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 70 MIPs 256KB (85.5K x 24) FLASH 44-TQFP (10x10)	Data Converters	A/D 18x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	I²C, IrDA, LINbus, QEI, SPI, UART/USART	Base Part Number	DSPIC33EP256GM304
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Related keywords for DSPIC33EP256GM304-I/PT

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