




Micrel / Microchip Technology

## DSPIC33FJ64GS610-E/PF

Part Number:	DSPIC33FJ64GS610-E/PF
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 16BIT 64KB FLASH 100TQFP
Datasheets:	<a href="#">1.DSPIC33FJ64GS610-E/PF.pdf</a> <a href="#">2.DSPIC33FJ64GS610-E/PF.pdf</a> <a href="#">3.DSPIC33FJ64GS610-E/PF.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.





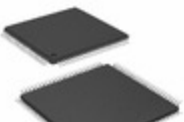
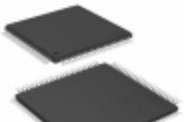
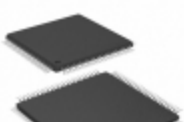




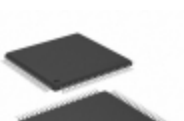
### Specifications of DSPIC33FJ64GS610-E/PF

PART NUMBER	DSPIC33FJ64GS610-E/PF
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 16BIT 64KB FLASH 100TQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">1.DSPIC33FJ64GS610-E/PF.pdf</a> <a href="#">2.DSPIC33FJ64GS610-E/PF.pdf</a> <a href="#">3.DSPIC33FJ64GS610-E/PF.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TQFP (14x14)
SPEED	40 MIPs
SERIES	dsPIC™ 33F
RAM SIZE	9K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, QEI, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	85
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	11 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	dsPIC dsPIC™ 33F Microcontroller IC 16-Bit 40 MIPs 64KB (64K x 8) FLASH 100-TQFP (14x14)
DATA CONVERTERS	A/D 24x10b, D/A 1x10b
CORE SIZE	16-Bit
CORE PROCESSOR	dsPIC
CONNECTIVITY	CANbus, I <sup>2</sup> C, IrDA, LINbus, SPI, UART/USART, USB
BASE PART NUMBER	DSPIC33FJ64GS610

### Related Tags

Micrel / Microchip Technology DSPIC33FJ64GS610-E/PF	DSPIC33FJ64GS610-E/PF Distributor	DSPIC33FJ64GS610-E/PF Supplier
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Micrel / Microchip Technology DSPIC33FJ64GS610-E/PF	Microchip Technology DSPIC33FJ64GS610-E/PF	Roving Networks / Microchip Technology DSPIC33FJ64GS610-E/PF

### Related Products

 <p><b>DSPIC33FJ64GS608-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 80TQFP                  In stock: 337 pcs  <a href="#">RFQ</a></p>	 <p><b>DSPIC33FJ64GS610T-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>DSPIC33FJ64GS610-I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 394 pcs  <a href="#">RFQ</a></p>	 <p><b>DSPIC33FJ64GS610-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>DSPIC33FJ64GS610-50I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 160 pcs  <a href="#">RFQ</a></p>	 <p><b>DSPIC33FJ64GS610-50I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>DSPIC33FJ64GS610T-50I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33FJ64GS610T-50I/PF</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>DSPIC33FJ64GS608T-50I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 80TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33FJ64GS608-E/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 80TQFP                  In stock: 238 pcs  <a href="#">RFQ</a></p>
 <p><b>DSPIC33FJ64GS608T-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 80TQFP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>DSPIC33FJ64GS610-I/PT</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 16BIT 64KB FLASH 100TQFP                  In stock: 77 pcs  <a href="#">RFQ</a></p>