



Micrel / Microchip Technology

## PIC16LF1559-I/GZ

Part Number: PIC16LF1559-I/GZ  
 Manufacturer/Brand: Micrel / Microchip Technology  
 Product description: IC MCU 8BIT 14KB FLASH 20UQFN  
[PDF 1.PIC16LF1559-I/GZ.pdf](#)  
[PDF 2.PIC16LF1559-I/GZ.pdf](#)  
[PDF 3.PIC16LF1559-I/GZ.pdf](#)  
 RoHS Status:  Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

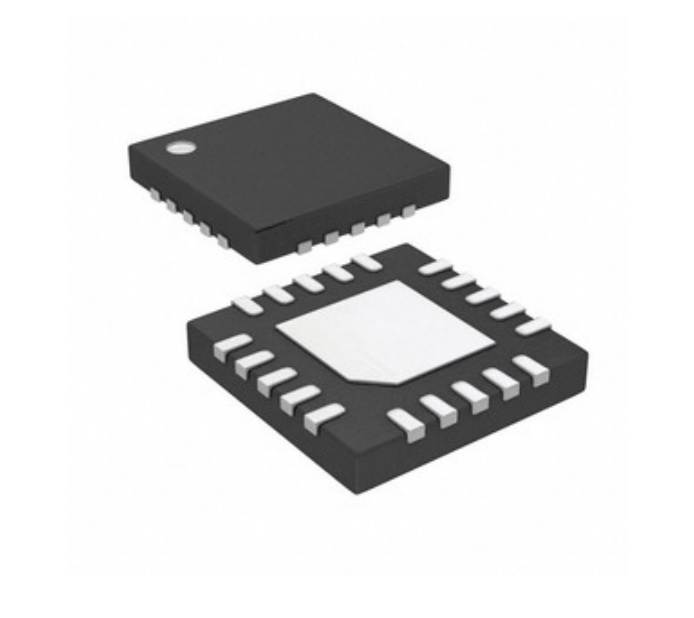


Image may be representation. See specifications for product details.

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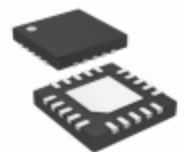
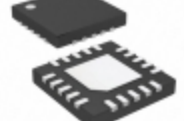
### Specifications of PIC16LF1559-I/GZ

PART NUMBER	PIC16LF1559-I/GZ
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 14KB FLASH 20UQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF 1.PIC16LF1559-I/GZ.pdf</a> <a href="#">PDF 2.PIC16LF1559-I/GZ.pdf</a> <a href="#">PDF 3.PIC16LF1559-I/GZ.pdf</a>
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	20-UQFN (4x4)
SPEED	32MHz
SERIES	PIC® XLP™ 16F
RAM SIZE	512 x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	14KB (8K x 14)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tube
PACKAGE / CASE	20-UFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	17
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	29 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	PIC PIC® XLP™ 16F Microcontroller IC 8-Bit 32MHz 14KB (8K x 14) FLASH 20-UQFN (4x4)
DATA CONVERTERS	A/D 17x10b
CORE SIZE	8-Bit
CORE PROCESSOR	PIC
CONNECTIVITY	I <sup>2</sup> C, SPI, UART/USART
BASE PART NUMBER	PIC16LF1559

### Related Tags

Micrel / Microchip Technology PIC16LF1559-I/GZ	PIC16LF1559-I/GZ Distributor	PIC16LF1559-I/GZ Supplier
PIC16LF1559-I/GZ Price	PIC16LF1559-I/GZ Pictures	PIC16LF1559-I/GZ Image
PIC16LF1559-I/GZ PDF Datasheet	PIC16LF1559-I/GZ Download Datasheet	PIC16LF1559-I/GZ Datasheet
PIC16LF1559-I/GZ Stock	Buy PIC16LF1559-I/GZ	Buy Micrel / Microchip Technology PIC16LF1559-I/GZ
Micrel / Microchip Technology PIC16LF1559-I/GZ	Micrel / Microchip Technology Supplier	Micrel / Microchip Technology Distributor
Micrel / Microchip Technology PIC16LF1559-I/GZ	Microchip Technology PIC16LF1559-I/GZ	Roving Networks / Microchip Technology PIC16LF1559-I/GZ

### Related Products

 <p><b>PIC16LF1554T-I/ST</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 14TSSOP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1559T-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1554T-I/SL</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 7KB FLASH 14SOIC                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1559-I/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1559T-I/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1559-I/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20DIP                  In stock: 103 pcs  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1559-E/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20QFN                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1559-E/GZ</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20UQFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1559-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20QFN                  In stock: 136 pcs  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1559T-I/ML</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20QFN                  In stock: Out stock  <a href="#">RFQ</a></p>
 <p><b>PIC16LF1559-E/P</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20DIP                  In stock: Out stock  <a href="#">RFQ</a></p>	 <p><b>PIC16LF1559-E/SS</b>                  Manufacturers: Micrel / Microchip Technology                  Description: IC MCU 8BIT 14KB FLASH 20SSOP                  In stock: Out stock  <a href="#">RFQ</a></p>