


N/A

**MSP430F5309IZQE**

Part Number:	MSP430F5309IZQE
Manufacturer/Brand:	N/A
Product description:	IC MCU 16BIT 24KB FLASH 80BGA
Datasheets:	
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.

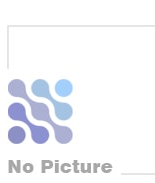

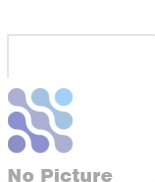


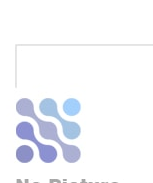

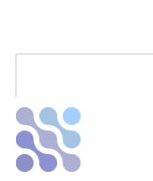

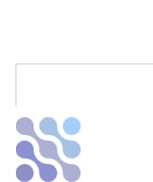


**Specifications of MSP430F5309IZQE**

PART NUMBER	MSP430F5309IZQE
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 24KB FLASH 80BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-BGA MICROSTAR JUNIOR (5x5)
SPEED	25MHz
SERIES	MSP430F5xx
RAM SIZE	6K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	24KB (24K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	80-VFBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	47
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	20 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	CPUXV2 MSP430F5xx Microcontroller IC 16-Bit 25MHz 24KB (24K x 8) FLASH 80-BGA MICROSTAR JUNIOR (5x5)
DATA CONVERTERS	A/D 12x10b
CORE SIZE	16-Bit
CORE PROCESSOR	CPUXV2
CONNECTIVITY	I <sup>2</sup> C, IrDA, LINbus, SCI, SPI, UART/USART
BASE PART NUMBER	MSP430F5309

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**Related Products**

 <p><b>MSP430F5309IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 24KB FLASH 64VQFN In stock: 61899 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F5310IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 32KB FLASH 64VQFN In stock: 49489 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F5309IPTR</b> Manufacturers: N/A Description: IC MCU 16BIT 24KB FLASH 48LQFP In stock: 60638 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F5310IPT</b> Manufacturers: N/A Description: IC MCU 16BIT 32KB FLASH 48LQFP In stock: 54695 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F5310IRGCT</b> Manufacturers: N/A Description: IC MCU 16BIT 32KB FLASH 64VQFN In stock: 46406 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F5309IRGZR</b> Manufacturers: N/A Description: IC MCU 16BIT 24KB FLASH 48VQFN In stock: 59681 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F5309IRGCT</b> Manufacturers: N/A Description: IC MCU 16BIT 24KB FLASH 64VQFN In stock: 38258 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F5309IPT</b> Manufacturers: N/A Description: IC MCU 16BIT 24KB FLASH 48LQFP In stock: 55934 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F5309IRGZT</b> Manufacturers: N/A Description: IC MCU 16BIT 24KB FLASH 48VQFN In stock: 41596 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F5309IZQER</b> Manufacturers: N/A Description: IC MCU 16BIT 24KB FLASH 80BGA In stock: 61881 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430F5310IRGZR</b> Manufacturers: N/A Description: IC MCU 16BIT 32KB FLASH 48VQFN In stock: 51307 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430F5310IPTR</b> Manufacturers: N/A Description: IC MCU 16BIT 32KB FLASH 48LQFP In stock: 57416 pcs</p> <p><a href="#">RFQ</a></p>