

MSP430F5509IZQE



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Part Number: [MSP430F5509IZQE](#)

Manufacturer [N/A](#)

Description [IC MCU 16BIT 24KB FLASH 80BGA](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

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PRODUCT PARAMETER			
Part Number	MSP430F5509IZQE	Manufacturer	N/A
Description	IC MCU 16BIT 24KB FLASH 80BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	29629 pcs	Data sheet	
Category	Integrated Circuits (ICs)	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	Other Names	296-29599 MSP430F5509IZQE-ND
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 ² C, IrDA, LINbus, SCI, SPI, UART/USART, USB
Base Part Number	MSP430F5509		
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	Part#: MSP430F5510IRGZT Description: IC MCU 16BIT 32KB FLASH 48VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F5509IRGZT Description: IC MCU 16BIT 24KB FLASH 48VQFN	Manufacturers: N/A	RFQ
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	Part#: MSP430F5509IRGZR Description: IC MCU 16BIT 24KB FLASH 48VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F5509IZQER Description: IC MCU 16BIT 24KB FLASH 80BGA	Manufacturers: N/A	RFQ
	Part#: MSP430F5510IZQER Description: IC MCU 16BIT 32KB FLASH 80BGA	Manufacturers: N/A	RFQ
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	Part#: MSP430F5509IRGCT Description: IC MCU 16BIT 24KB FLASH 64VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430F5510IZQE Description: IC MCU 16BIT 32KB FLASH 80BGA	Manufacturers: N/A	RFQ
	Part#: MSP430F5510IRGCT Description: IC MCU 16BIT 32KB FLASH 64VQFN	Manufacturers: N/A	RFQ

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