

MSP430FR6989IPN



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Part Number: [MSP430FR6989IPN](#)

Manufacturer: [N/A](#)

Description: [IC MCU 16BIT 128KB FRAM 80LQFP](#)

Data sheet:

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

Ship From: [Hong Kong](#)

Shipment Way: [DHL/Fedex/TNT/UPS/EMS](#)

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PRODUCT PARAMETER			
Part Number	MSP430FR6989IPN	Manufacturer	N/A
Description	IC MCU 16BIT 128KB FRAM 80LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	21452 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	80-LQFP (12x12)	Speed	16MHz
Series	MSP430™ FRAM	RAM Size	2K x 8
Program Memory Type	FRAM	Program Memory Size	128KB (128K x 8)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tray
Package / Case	80-LQFP	Other Names	296-46524-5 MSP430FR6989IPN-ND
Oscillator Type	Internal	Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	63	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	8 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	CPUXV2 MSP430™ FRAM Microcontroller IC 16-Bit 16MHz 128KB (128K x 8) FRAM 80-LQFP (12x12)
Data Converters	A/D 12x12b	Core Size	16-Bit
Core Processor	CPUXV2	Connectivity	I²C, IrDA, SPI, UART/USART
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RELATED PRODUCTS			
	Part#: MSP430FW427IPMR Description: IC MCU 16BIT 32KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FW425IPMR Description: IC MCU 16BIT 16KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FW427IPM Description: IC MCU 16BIT 32KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6988IPN Description: IC MCU 16BIT 96KB FRAM 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6989IPZ Description: IC MCU 16BIT 128KB FRAM 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR69891IPZR Description: IC MCU 16BIT 128KB FRAM 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FW428IPMR Description: IC MCU 16BIT 48KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6988IPZR Description: IC MCU 16BIT 96KB FRAM 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FW423IPM Description: IC MCU 16BIT 8KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FW425IPM Description: IC MCU 16BIT 16KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR69891IPN Description: IC MCU 16BIT 128KB FRAM 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6989IPZ Description: IC MCU 16BIT 128KB FRAM 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FW423IPMR Description: IC MCU 16BIT 8KB FLASH 64LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6987IPZ Description: IC MCU 16BIT 64KB FRAM 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6988IPZ Description: IC MCU 16BIT 96KB FRAM 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6989IPZR Description: IC MCU 16BIT 128KB FRAM 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR69891IPNR Description: IC MCU 16BIT 128KB FRAM 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6989IPNR Description: IC MCU 16BIT 128KB FRAM 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6987IPZR Description: IC MCU 16BIT 64KB FRAM 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FR6988IPNR Description: IC MCU 16BIT 96KB FRAM 80LQFP	Manufacturers: N/A	RFQ

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