


N/A

**MSP430FR5989IPM**

Part Number:	MSP430FR5989IPM
Manufacturer/Brand:	N/A
Product description:	IC MCU 16BIT 128KB FRAM 64LQFP
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

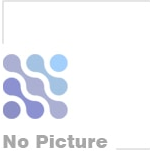
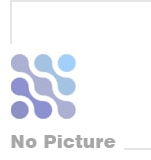
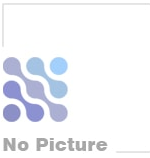
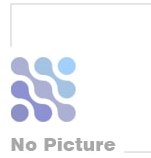
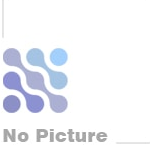
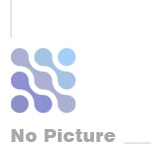
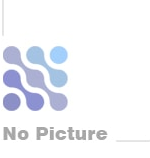
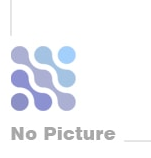
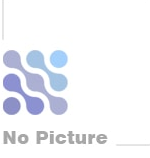
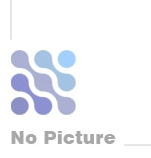
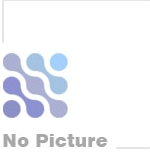
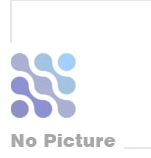
**Specifications of MSP430FR5989IPM**

PART NUMBER	MSP430FR5989IPM
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 128KB FRAM 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
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, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	48
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	26 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 64-LQFP (10x10)
DATA CONVERTERS	A/D 12x12b
CORE SIZE	16-Bit
CORE PROCESSOR	CPUXV2
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART

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**Related Products**

 <p><b>MSP430FR5992IPNR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 80LQFP In stock: 27884 pcs</p> <a href="#">RFQ</a>	 <p><b>MSP430FR5992IRGZR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 48VQFN In stock: 24491 pcs</p> <a href="#">RFQ</a>
 <p><b>MSP430FR5989IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 64VQFN In stock: 25652 pcs</p> <a href="#">RFQ</a>	 <p><b>MSP430FR5989IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 64LQFP In stock: 27484 pcs</p> <a href="#">RFQ</a>
 <p><b>MSP430FR59891IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 64VQFN In stock: 24823 pcs</p> <a href="#">RFQ</a>	 <p><b>MSP430FR5988IRGCT</b> Manufacturers: N/A Description: IC MCU 16BIT 96KB FRAM 64VQFN In stock: 17884 pcs</p> <a href="#">RFQ</a>
 <p><b>MSP430FR5989IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 64LQFP In stock: 26055 pcs</p> <a href="#">RFQ</a>	 <p><b>MSP430FR5992IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 64LQFP In stock: 28530 pcs</p> <a href="#">RFQ</a>
 <p><b>MSP430FR59891IRGCT</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 64VQFN In stock: 22787 pcs</p> <a href="#">RFQ</a>	 <p><b>MSP430FR5989IRGCT</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 64VQFN In stock: 17775 pcs</p> <a href="#">RFQ</a>
 <p><b>MSP430FR5988IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 96KB FRAM 64VQFN In stock: 27178 pcs</p> <a href="#">RFQ</a>	 <p><b>MSP430FR59891IPM</b> Manufacturers: N/A Description: IC MCU 16BIT 128KB FRAM 64LQFP In stock: 19034 pcs</p> <a href="#">RFQ</a>