


N/A

**MSP430FR5987IPM**

Part Number:	MSP430FR5987IPM
Manufacturer/Brand:	N/A
Product description:	IC MCU 16BIT 64KB 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.

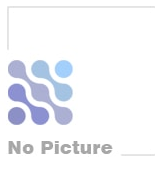
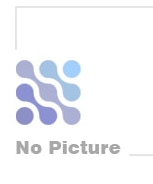
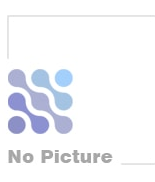
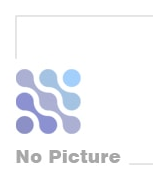
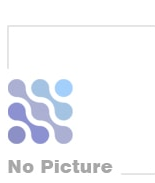

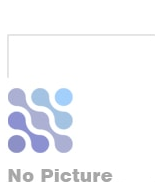


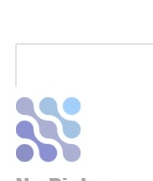
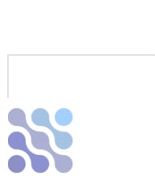
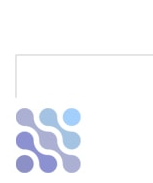
**Specifications of MSP430FR5987IPM**

PART NUMBER	MSP430FR5987IPM
MANUFACTURER	N/A
DESCRIPTION	IC MCU 16BIT 64KB 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	64KB (64K 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 64KB (64K 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>MSP430FR5988IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 96KB FRAM 64VQFN In stock: 27178 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR5988IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 96KB FRAM 64LQFP In stock: 27488 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR5986IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FRAM 64LQFP In stock: 23500 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR5972IPM</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64LQFP In stock: 28868 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR5987IRGCT</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64VQFN In stock: 18163 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR5986IPM</b> Manufacturers: N/A Description: IC MCU 16BIT 48KB FRAM 64LQFP In stock: 17558 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR5972IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64VQFN In stock: 34990 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR5972IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64LQFP In stock: 34233 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR5988IPM</b> Manufacturers: N/A Description: IC MCU 16BIT 96KB FRAM 64LQFP In stock: 19326 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR59721IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64VQFN In stock: 40475 pcs</p> <p><a href="#">RFQ</a></p>
 <p><b>MSP430FR5987IRGCR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64VQFN In stock: 30013 pcs</p> <p><a href="#">RFQ</a></p>	 <p><b>MSP430FR5987IPMR</b> Manufacturers: N/A Description: IC MCU 16BIT 64KB FRAM 64LQFP In stock: 28254 pcs</p> <p><a href="#">RFQ</a></p>