

MSP430FG438IZCAT



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Part Number: [MSP430FG438IZCAT](#)

Manufacturer: N/A

Description: IC MCU 16BIT 48KB FLASH 113NFBGA

Data sheet:

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Request For Quotation

PRODUCT PARAMETER			
Part Number	MSP430FG438IZCAT	Manufacturer	N/A
Description	IC MCU 16BIT 48KB FLASH 113NFBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	12861 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.8 V ~ 3.6 V
Supplier Device Package	113-NFBGA (7x7)	Speed	8MHz
Series	MSP430x4xx	RAM Size	2K x 8
Program Memory Type	FLASH	Program Memory Size	48KB (48K x 8 + 256B)
Peripherals	Brown-out Detect/Reset, DMA, LCD, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	113-VFBGA	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	MSP430 MSP430x4xx Microcontroller IC 16-Bit 8MHz 48KB (48K x 8 + 256B) FLASH 113-NFBGA (7x7)	Data Converters	A/D 12x12b, D/A 2x12b
Core Size	16-Bit	Core Processor	MSP430
Connectivity	SPI, UART/USART		
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	Part#: MSP430FG437IPNR Description: IC MCU 16BIT 32KB FLASH 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FG439IZCAT Description: IC MCU 16BIT 60KB FLASH 113NFBGA	Manufacturers: N/A	RFQ
	Part#: MSP430FG438IZCAR Description: IC MCU 16BIT 48KB FLASH 113NFBGA	Manufacturers: N/A	RFQ
	Part#: MSP430FG439IPNR Description: IC MCU 16BIT 60KB FLASH 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FG437IZCAR Description: IC MCU 16BIT 32KB FLASH 113NFBGA	Manufacturers: N/A	RFQ
	Part#: MSP430FG4616IZQWR Description: IC MCU 16BIT 92KB FLASH 113BGA	Manufacturers: N/A	RFQ
	Part#: MSP430FG4270IRGZT Description: IC MCU 16BIT 32KB FLASH 48VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430FG437IZCAT Description: IC MCU 16BIT 32KB FLASH 113NFBGA	Manufacturers: N/A	RFQ
	Part#: MSP430FG4270IDLR Description: IC MCU 16BIT 32KB FLASH 48SSOP	Manufacturers: N/A	RFQ
	Part#: MSP430FG4616IPZR Description: IC MCU 16BIT 92KB FLASH 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FG437IPN Description: IC MCU 16BIT 32KB FLASH 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FG4616IZQW Description: IC MCU 16BIT 92KB FLASH 113BGA	Manufacturers: N/A	RFQ
	Part#: MSP430FG439IPN Description: IC MCU 16BIT 60KB FLASH 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FG4270IRGZR Description: IC MCU 16BIT 32KB FLASH 48VQFN	Manufacturers: N/A	RFQ
	Part#: MSP430FG4616IPZ Description: IC MCU 16BIT 92KB FLASH 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FG438IPNR Description: IC MCU 16BIT 48KB FLASH 80LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FG4616IZQWT Description: IC MCU 16BIT 92KB FLASH 113BGA	Manufacturers: N/A	RFQ
	Part#: MSP430FG4617IPZ Description: IC MCU 16BIT 92KB FLASH 100LQFP	Manufacturers: N/A	RFQ
	Part#: MSP430FG439IZCAR Description: IC MCU 16BIT 60KB FLASH 113NFBGA	Manufacturers: N/A	RFQ
	Part#: MSP430FG438IPN Description: IC MCU 16BIT 48KB FLASH 80LQFP	Manufacturers: N/A	RFQ

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