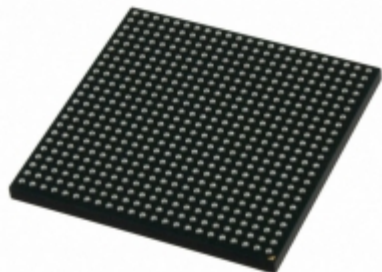


MCIMX513DJM8CR2



Part Number: [MCIMX513DJM8CR2](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX51 800MHZ 529BGA

Data sheet:  [i.MX512/3/5 Fact Sheet](#)
 [i.MX51 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

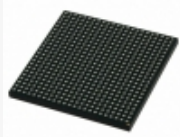
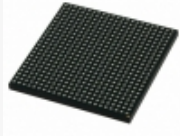
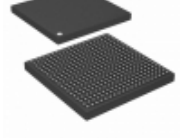
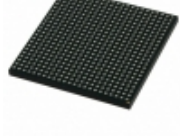
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MCIMX513DJM8CR2	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX51 800MHZ 529BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5547 pcs	Data sheet	i.MX512/3/5 Fact Sheet i.MX51 Datasheet
Category	Integrated Circuits (ICs)	Voltage - I/O	1.2V, 1.875V, 2.775V, 3.0V
USB	USB 2.0 (3), USB 2.0 + PHY (1)	Supplier Device Package	529-BGA (19x19)
Speed	800MHz	Series	i.MX51
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC	SATA	-
RAM Controllers	LPDDR, DDR2	Packaging	Tape & Reel (TR)
Package / Case	529-LFBGA	Operating Temperature	-20°C ~ 85°C (TC)
Number of Cores/Bus Width	1 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Graphics Acceleration	No
Ethernet	10/100 Mbps (1)	Display & Interface Controllers	Keypad, LCD
Detailed Description	ARM® Cortex®-A8 Microprocessor IC i.MX51 1 Core, 32-Bit 800MHz 529-BGA (19x19)	Core Processor	ARM® Cortex®-A8
Co-Processors/DSP	Multimedia; NEON™ SIMD	Base Part Number	MCIMX513
Additional Interfaces	1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART		
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	Part#: MCIMX516AJM6CR2 Description: I.MX51 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX516AJM6C Description: IC MPU I.MX51 600MHZ 529BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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