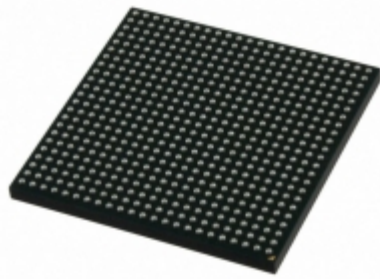


MCIMX512CJM6CR2



Part Number: [MCIMX512CJM6CR2](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX51 600MHZ 529BGA

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

RoHs Status: Lead free / RoHS Compliant

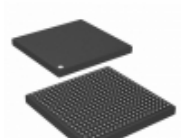
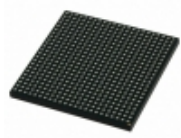
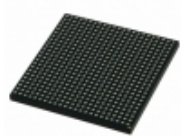
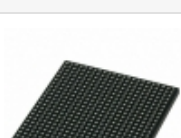
Ship From: Hong Kong

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCIMX512CJM6CR2	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX51 600MHZ 529BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3523 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	600MHz	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	Other Names	935324332518
Operating Temperature	-40°C ~ 95°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 600MHz 529-BGA (19x19)
Core Processor	ARM® Cortex®-A8	Co-Processors/DSP	Multimedia; NEON™ SIMD
Base Part Number	MCIMX512	Additional Interfaces	1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART
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	Part#: MCIMX513CJM6C Description: IC MPU I.MX51 600MHZ 529BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX515CJM6CR2 Description: IC MPU I.MX51 600MHZ 529BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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