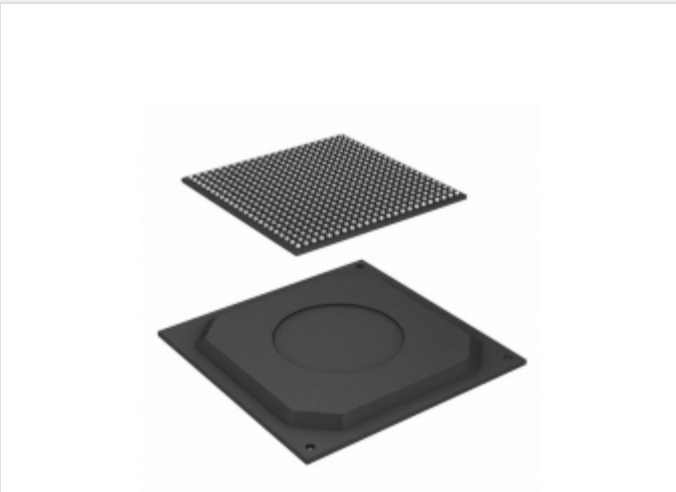


MCIMX536AVV8B



Part Number: [MCIMX536AVV8B](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX53 800MHZ 529TEBGA

Data sheet:  [MCIMX53xA](#)
 [i.MX53 Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

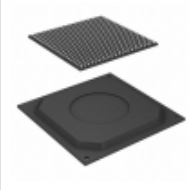
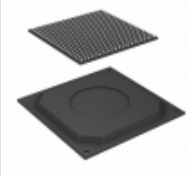
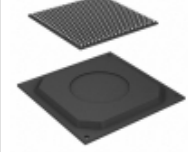
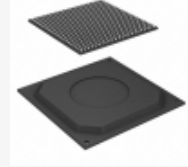
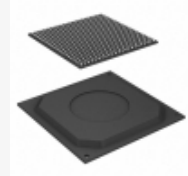
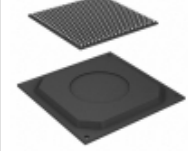
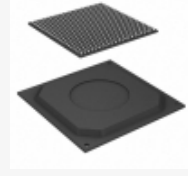
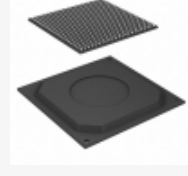
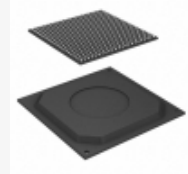
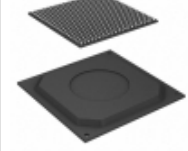
Ship From: Hong Kong

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

Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCIMX536AVV8B	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX53 800MHZ 529TEBGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4507 pcs	Data sheet	MCIMX53xA i.MX53 Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - I/O	1.3V, 1.8V, 2.775V, 3.3V
USB	USB 2.0 (2), USB 2.0 + PHY (2)	Supplier Device Package	529-FBGA (19x19)
Speed	800MHz	Series	i.MX53
Security Features	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection	SATA	SATA 1.5Gbps (1)
RAM Controllers	LPDDR2, DDR2, DDR3	Packaging	Tray
Package / Case	529-FBGA	Operating Temperature	-40°C ~ 125°C (TJ)
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	Yes
Ethernet	10/100 Mbps (1)	Display & Interface Controllers	Keypad, LCD
Detailed Description	ARM® Cortex®-A8 Microprocessor IC i.MX53 1 Core, 32-Bit 800MHz 529-FBGA (19x19)	Core Processor	ARM® Cortex®-A8
Co-Processors/DSP	Multimedia; NEON™ SIMD	Base Part Number	MCIMX536
Additional Interfaces	1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART		
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RELATED PRODUCTS			
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	Part#: MCIMX534AVV8C2R2 Description: IMX53 REV 2.1 AUTO	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV1C2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8C2R2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV1CR2 Description: IC MPU I.MX53 1.0GHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV1C2R2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX536AVV8C2R2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV1B Description: IC MPU I.MX53 1.0GHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV2C2 Description: IC MPU I.MX53 1.2GHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX536AVV8C2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8B Description: IC MPU I.MX53 800MHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8C Description: IC MPU I.MX53 800MHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8CR2 Description: IC MPU I.MX53 800MHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8C2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX534AVV8CR2 Description: IC MPU I.MX53 800MHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX53SABREA1 Description: KIT DEVELOPMENT AUTO I.MX53	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV1C Description: IC MPU I.MX53 1.0GHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX536AVV8C Description: IC MPU I.MX53 800MHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX534AVV8C2 Description: IMX53 REV 2.1 AUTO	Manufacturers: NXP Semiconductors / Freescale	RFQ

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