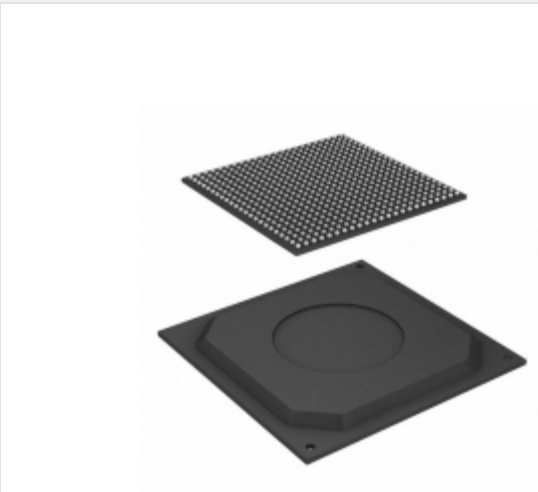


MCIMX537CVV8C



Part Number: [MCIMX537CVV8C](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU I.MX53 800MHZ 529TEBGA-2

Data sheet:  [MCIMX53xC Datasheet](#)
 [i.MX537 Fact Sheet](#)
 [i.MX53 Chip Errata](#)

RoHs Status: Lead free / RoHS Compliant

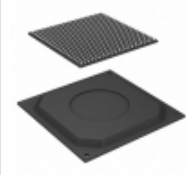
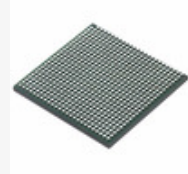
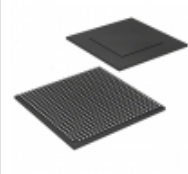
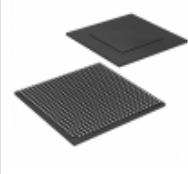
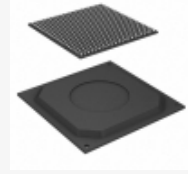
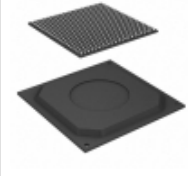
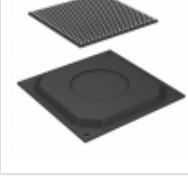
Ship From: Hong Kong

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

Images are for reference only.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MCIMX537CVV8C	Manufacturer	NXP Semiconductors / Freescale
Description	IC MPU I.MX53 800MHZ 529TEBGA-2	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2201 pcs	Data sheet	MCIMX53xC Datasheet i.MX537 Fact Sheet i.MX53 Chip Errata
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	Other Names	935319782557
Operating Temperature	-40°C ~ 85°C (TA)	Number of Cores/Bus Width	1 Core, 32-Bit
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	15 Weeks
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	MCIMX537
Additional Interfaces	1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART		
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RELATED PRODUCTS			
	Part#: MCIMX537CVV8B Description: IC MPU I.MX53 800MHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX6D4AVT08ADR Description: IC MPU I.MX6D 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV1C2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT08AD Description: IC MPU I.MX6D 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX536AVV8B Description: IC MPU I.MX53 800MHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV2C2 Description: IC MPU I.MX53 1.2GHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX6D4AVT08AC Description: IC MPU I.MX6D 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX53SABREAI Description: KIT DEVELOPMENT AUTO I.MX53	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV1C2R2 Description: I.MX53 32-BIT MPU ARM CORTEX-A8	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX536AVV8C2R2 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#: MCIMX536AVV8C Description: IC MPU I.MX53 800MHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MCIMX53SMD Description: TABLET SABRE PLATFORM MCIMX53	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX537CVV8CR2 Description: IC MPU I.MX53 800MHZ 529TEBGA-2	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX536AVV8C2 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#: MCIMX6D4AVT08ACR Description: IC MPU I.MX6D 852MHZ 624FCBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MCIMX535DVV2C Description: IC MPU I.MX53 1.2GHZ 529TEBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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