



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX535DVV1C

Part Number:	MCIMX535DVV1C
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX53 1.0GHZ 529TEBGA-2
Datasheets:	1.MCIMX535DVV1C.pdf 2.MCIMX535DVV1C.pdf 3.MCIMX535DVV1C.pdf
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

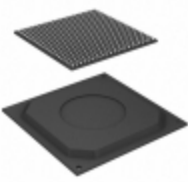
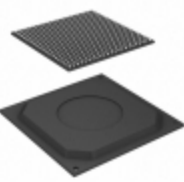
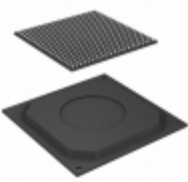
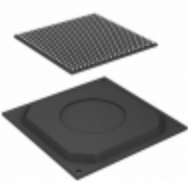
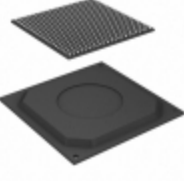
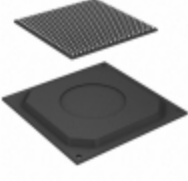
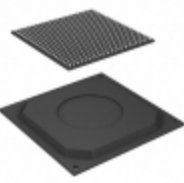
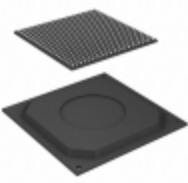
Specifications of MCIMX535DVV1C

PART NUMBER	MCIMX535DVV1C
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX53 1.0GHZ 529TEBGA-2
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MCIMX535DVV1C.pdf 2.MCIMX535DVV1C.pdf 3.MCIMX535DVV1C.pdf
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	1.0GHz
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	935321916557
OPERATING TEMPERATURE	-20°C ~ 85°C (TC)
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 1.0GHz 529-FBGA (19x19)
CORE PROCESSOR	ARM® Cortex®-A8
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD
BASE PART NUMBER	MCIMX535
ADDITIONAL INTERFACES	1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART

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Related Products

 MCIMX535DVV1C2 Manufacturers: NXP Semiconductors / Freescale Description: I.MX53 32-BIT MPU ARM CORTEX-A8 In stock: 84 pcs RFQ	 MCIMX536AVV8B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX53 800MHZ 529TEBGA In stock: Out stock RFQ
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 MCIMX534AVV8B Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX53 800MHZ 529TEBGA In stock: Out stock RFQ	 MCIMX534AVV8CR2 Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX53 800MHZ 529TEBGA-2 In stock: Out stock RFQ