



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX534AVV8B

Part Number:	MCIMX534AVV8B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX53 800MHZ 529TEBGA
Datasheets:	 1.MCIMX534AVV8B.pdf
	 2.MCIMX534AVV8B.pdf
	 3.MCIMX534AVV8B.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

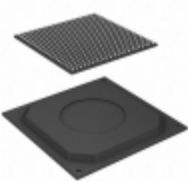
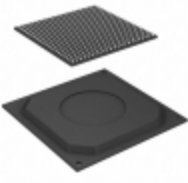
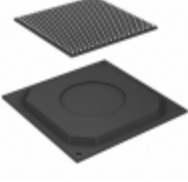
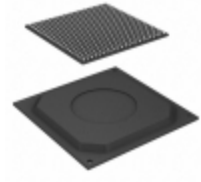
Specifications of MCIMX534AVV8B

PART NUMBER	MCIMX534AVV8B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX53 800MHZ 529TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MCIMX534AVV8B.pdf  2.MCIMX534AVV8B.pdf  3.MCIMX534AVV8B.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	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	MCIMX534
ADDITIONAL INTERFACES	1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART

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 MCIMX53-START Manufacturers: NXP Semiconductors / Freescale Description: KIT DEVELOPMENT I.MX53 In stock: Out stock RFQ	 MCIMX516AJM6CR2 Manufacturers: NXP Semiconductors / Freescale Description: I.MX51 32-BIT MPU ARM CORTEX-A8 In stock: Out stock RFQ