



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX537CVV8B

Part Number:	MCIMX537CVV8B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX53 800MHZ 529TEBGA
	1.MCIMX537CVV8B.pdf
	2.MCIMX537CVV8B.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHs Status	
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

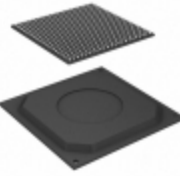
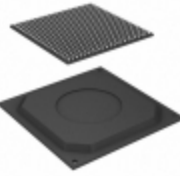
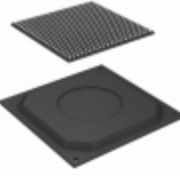
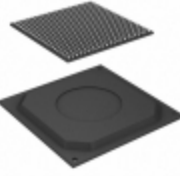
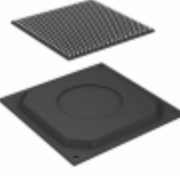
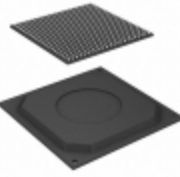
Specifications of MCIMX537CVV8B

PART NUMBER	MCIMX537CVV8B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX53 800MHZ 529TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MCIMX537CVV8B.pdf 2.MCIMX537CVV8B.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 ~ 85°C (TA)
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	MCIMX537
ADDITIONAL INTERFACES	1-Wire, AC'97, CAN, I²C, I²S, MMC/SD, SAI, SPI, SSI, UART

Related Tags

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