

NXP Semiconductors / Freescale

MCIMX537CVV8B

Part Number:	MCIMX537CVV8B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX53 800MHZ 529TEBGA
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	5655 pcs stock
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
QUANTITY AVAILABLE	5655 pcs
DATA SHEET	
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

MCIMX537CVV8B	MCIMX537CVV8B Distributor	MCIMX537CVV8B Supplier
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MCIMX537CVV8C2R2 Manufacturers: NXP Semiconductors / Freescale Description: I.MX53 32-BIT MPU ARM CORTEX-A8 In stock: 3387 pcs	MCIMX536AVV8C2R2 Manufacturers: NXP Semiconductors / Freescale Description: I.MX53 32-BIT MPU ARM CORTEX-A8 In stock: 2898 pcs
MCIMX535DVV2C Manufacturers: NXP Description: IC MPU I.MX53 1.2GHZ 529TEBGA In stock: 2819 pcs RFQ	MCIMX537CVV8C2 Manufacturers: NXP Description: I.MX53 32-BIT MPU ARM CORTEX-A8 In stock: 2738 pcs RFQ
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MCIMX536AVV8C Manufacturers: NXP Description: IC MPU I.MX53 800MHZ 529TEBGA In stock: 2295 pcs RFQ	MCIMX537CVV8CR2 Manufacturers: NXP Description: IC MPU I.MX53 800MHZ 529TEBGA-2 In stock: 3428 pcs RFQ