




NXP Semiconductors / Freescale

MCIMX353CVM5B

Part Number:	MCIMX353CVM5B
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU I.MX35 532MHZ 400MAPBGA
Datasheets:	MCIMX353CVM5B.pdf
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

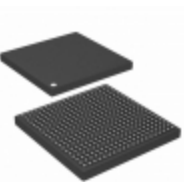
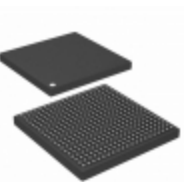
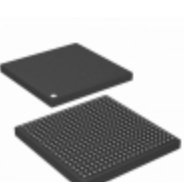
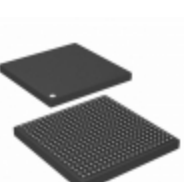
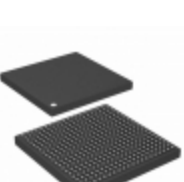
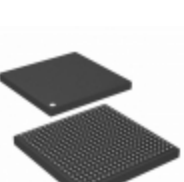

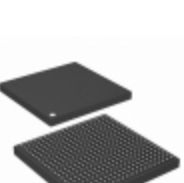
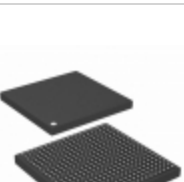
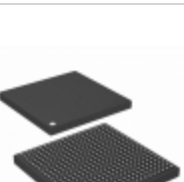


Specifications of MCIMX353CVM5B

PART NUMBER	MCIMX353CVM5B
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX35 532MHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	MCIMX353CVM5B.pdf
VOLTAGE - I/O	1.8V, 2.0V, 2.5V, 2.7V, 3.0V, 3.3V
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	400-MAPBGA (17x17)
SPEED	532MHz
SERIES	i.MX35
SECURITY FEATURES	Secure Fusebox, Secure JTAG, Tamper Detection
SATA	-
RAM CONTROLLERS	LPDDR, DDR2
PACKAGING	Tray
PACKAGE / CASE	400-LFBGA
OTHER NAMES	935324376557
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, KPP, LCD
DETAILED DESCRIPTION	ARM1136JF-S Microprocessor IC i.MX35 1 Core, 32-Bit 532MHz 400-MAPBGA (17x17)
CORE PROCESSOR	ARM1136JF-S
CO-PROCESSORS/DSP	Multimedia; GPU, IPU, VFP
BASE PART NUMBER	MCIMX353
ADDITIONAL INTERFACES	1-Wire, ASRC, ATA, CAN, I ² C, I ² S, MMC/SDIO, SAI, SPI, SSI, UART

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