



Image may be representation. See specifications for product details.

MCIMX356AVM4BR2

Part Number:	MCIMX356AVM4BR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX35 400MHZ 400MAPBGA
Datasheets:	 MCIMX356AVM4BR2.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

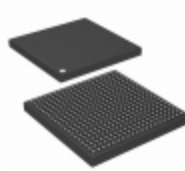
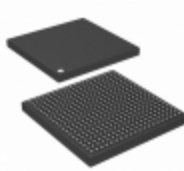
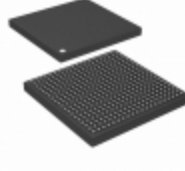
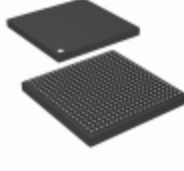
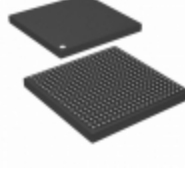
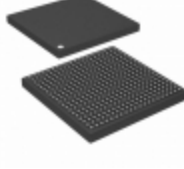
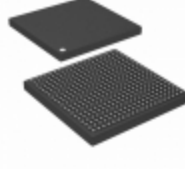
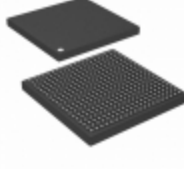
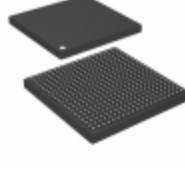
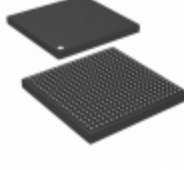
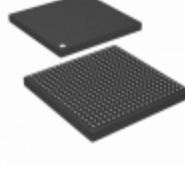
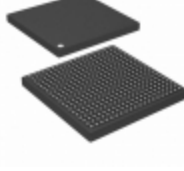
Specifications of MCIMX356AVM4BR2

PART NUMBER	MCIMX356AVM4BR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX35 400MHZ 400MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MCIMX356AVM4BR2.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	400MHz
SERIES	i.MX35
SECURITY FEATURES	Secure Fusebox, Secure JTAG
SATA	-
RAM CONTROLLERS	LPDDR, DDR2
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	400-LFBGA
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 400MHz 400-MAPBGA (17x17)
CORE PROCESSOR	ARM1136JF-S
CO-PROCESSORS/DSP	Multimedia; GPU, IPU, VFP
BASE PART NUMBER	MCIMX356
ADDITIONAL INTERFACES	1-Wire, ASRC, ATA, CAN, I²C, I²S, MMC/SDIO, SAI, SDHC, SPI, SSI, UART

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