

NXP Semiconductors / Freescale



MCIMX512CJM6CR2

Part Number:	MCIMX512CJM6CR2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX51 600MHZ 529BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3455 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

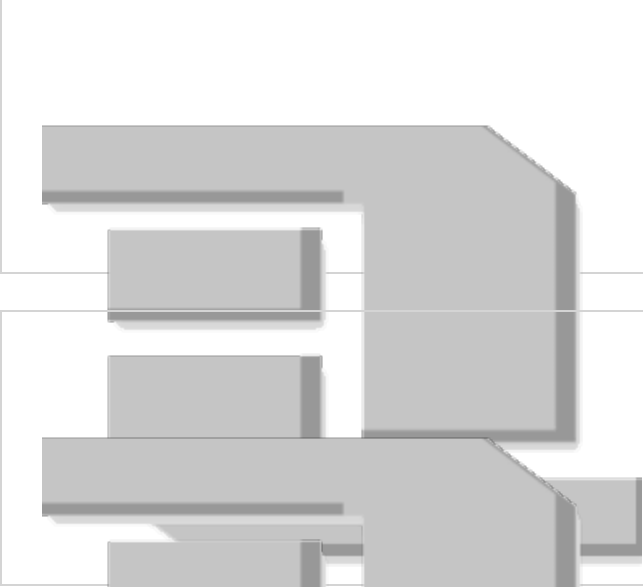
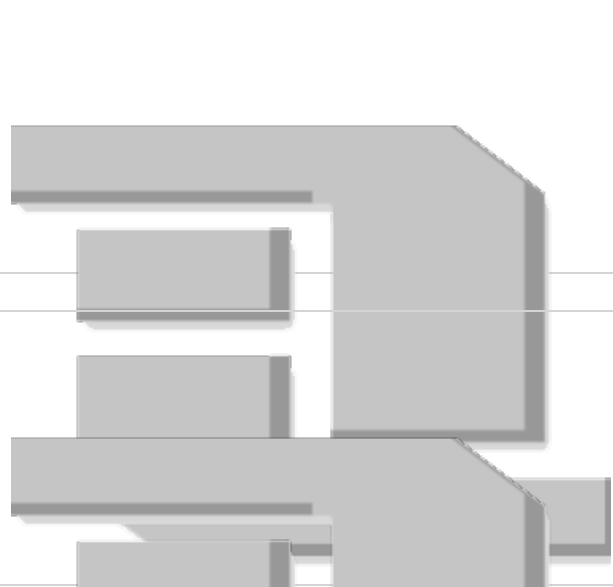
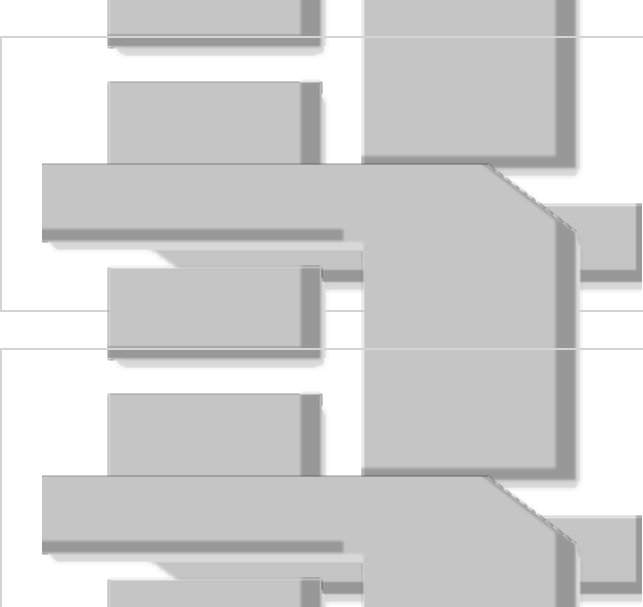
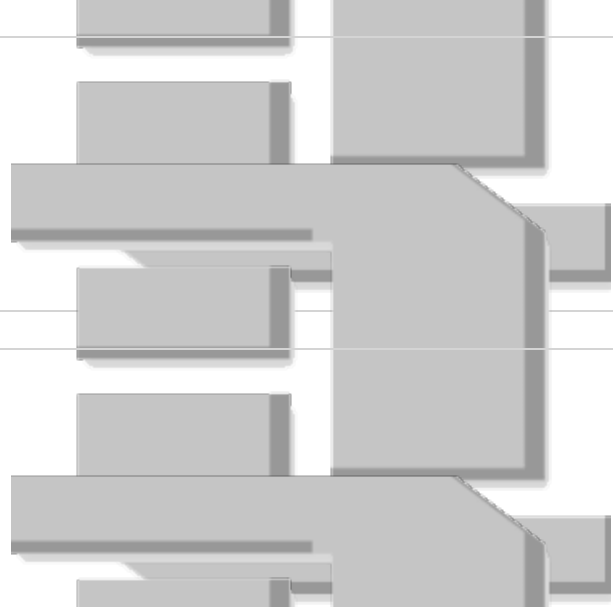
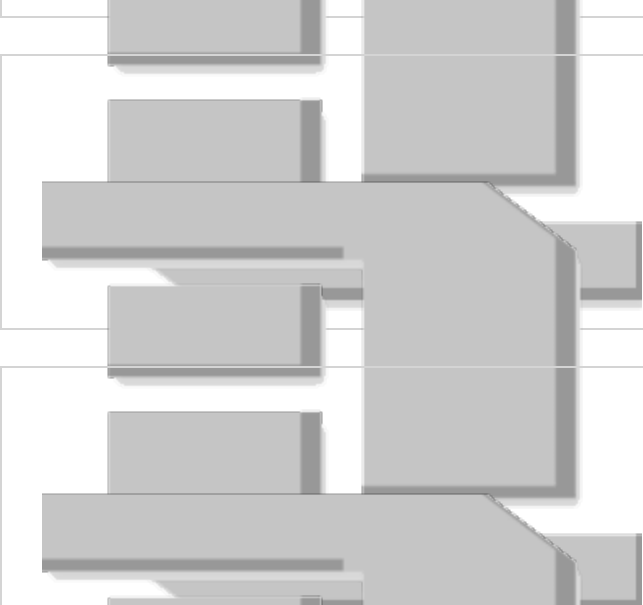
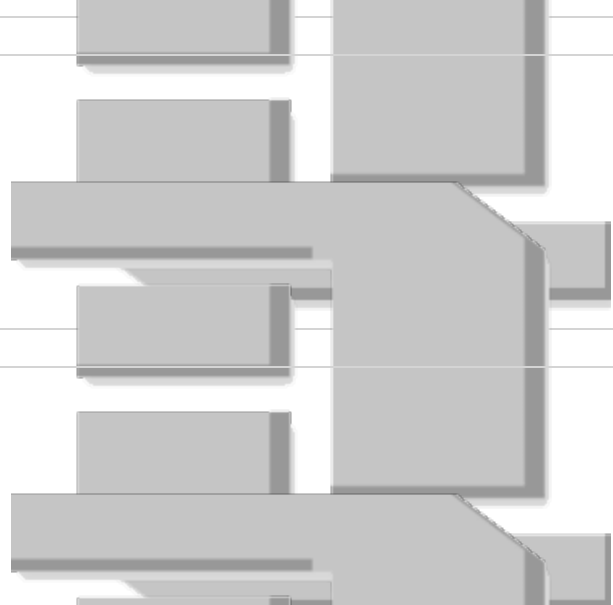
Specifications of MCIMX512CJM6CR2

PART NUMBER	MCIMX512CJM6CR2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX51 600MHZ 529BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3455 pcs
DATA SHEET	
VOLTAGE - I/O	1.2V, 1.875V, 2.775V, 3.0V
USB	USB 2.0 (3), USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	529-BGA (19x19)
SPEED	600MHz
SERIES	i.MX51
SECURITY FEATURES	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC
SATA	-
RAM CONTROLLERS	LPDDR, DDR2
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	529-LFBGA
OTHER NAMES	935324332518
OPERATING TEMPERATURE	-40°C ~ 95°C (TC)
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	No
ETHERNET	10/100 Mbps (1)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD
DETAILED DESCRIPTION	ARM® Cortex®-A8 Microprocessor IC i.MX51 1 Core, 32-Bit 600MHz 529-BGA (19x19)
CORE PROCESSOR	ARM® Cortex®-A8
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD
BASE PART NUMBER	MCIMX512
ADDITIONAL INTERFACES	1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART

Related Tags

MCIMX512CJM6CR2	MCIMX512CJM6CR2 Distributor	MCIMX512CJM6CR2 Supplier
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MCIMX512CJM6CR2	Supplier	Distributor

Related Products

	MCIMX512DJM8CR2 Manufacturers: NXP Description: IC MPU I.MX51 800MHZ 529BGA In stock: 6324 pcs RFQ		MCIMX513CJM6CR2 Manufacturers: NXP Description: IC MPU I.MX51 600MHZ 529BGA In stock: 6808 pcs RFQ
	MCIMX512CJM6C Manufacturers: NXP Description: IC MPU I.MX51 600MHZ 529BGA In stock: 2422 pcs RFQ		MCIMX513CJM6C Manufacturers: NXP Description: IC MPU I.MX51 600MHZ 529BGA In stock: 2581 pcs RFQ
	MCIMX508CVM8B Manufacturers: NXP Description: IC MPU I.MX50 800MHZ 400MAPBGA In stock: 6263 pcs RFQ		MCIMX508CVM8BR2 Manufacturers: NXP Description: IC MPU I.MX50 800MHZ 400MAPBGA In stock: 6964 pcs RFQ
	MCIMX508CVK8BR2 Manufacturers: NXP Description: IC MPU I.MX50 800MHZ 416MAPBGA In stock: 7870 pcs RFQ		MCIMX50EVK Manufacturers: NXP Description: KIT EVALUATION I.MX50 In stock: 186 pcs RFQ
	MCIMX508CZK8B Manufacturers: NXP Description: IC MPU I.MX50 800MHZ 416POBGA In stock: 5851 pcs RFQ		MCIMX513DJM8CR2 Manufacturers: NXP Description: IC MPU I.MX51 800MHZ 529BGA In stock: 3296 pcs RFQ
	MCIMX512DJM8C Manufacturers: NXP Description: IC MPU I.MX51 800MHZ 529BGA In stock: 2528 pcs RFQ		MCIMX513DJM8C Manufacturers: NXP Description: IC MPU I.MX51 800MHZ 529BGA In stock: 2764 pcs RFQ

