



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MCIMX515DJZK8C

Part Number:	MCIMX515DJZK8C
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX51 800MHZ 529BGA
	 1.MCIMX515DJZK8C.pdf
	 2.MCIMX515DJZK8C.pdf
Datasheets:	 Lead free / RoHS Compliant
RoHS Status	Hong Kong
Ship From	
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

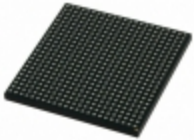
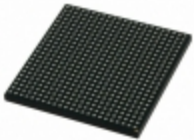
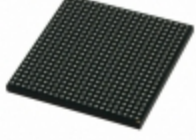
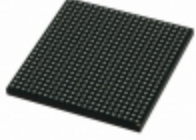
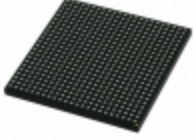
Specifications of MCIMX515DJZK8C

PART NUMBER	MCIMX515DJZK8C
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX51 800MHZ 529BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MCIMX515DJZK8C.pdf  2.MCIMX515DJZK8C.pdf
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	800MHz
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	Tray
PACKAGE / CASE	529-LFBGA
OPERATING TEMPERATURE	-20°C ~ 85°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	Yes
ETHERNET	10/100 Mbps (1)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD
DETAILED DESCRIPTION	ARM® Cortex®-A8 Microprocessor IC i.MX51 1 Core, 32-Bit 800MHz 529-BGA (19x19)
CORE PROCESSOR	ARM® Cortex®-A8
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD
BASE PART NUMBER	MCIMX515
ADDITIONAL INTERFACES	1-Wire, AC'97, I²C, I²S, MMC/SD, SPI, SSI, UART

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Related Products

 MCIMX51LCD Manufacturers: NXP Semiconductors / Freescale Description: DAUGHTER LCD WVGA I.MX51 In stock: 2 pcs RFQ	 MCIMX515CJM6C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX51 600MHZ 529BGA In stock: 9 pcs RFQ
 MCIMX515DVK8C Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX51 800MHZ 529BGA In stock: 800 pcs RFQ	 MCIMX514AJM6CR2 Manufacturers: NXP Semiconductors / Freescale Description: I.MX51 32-BIT MPU ARM CORTEX-A8 In stock: Out stock RFQ
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