

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

Part Number:	P4081NSE7MMC
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU Q OR IQ 1.2GHZ 1295FCBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	497 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

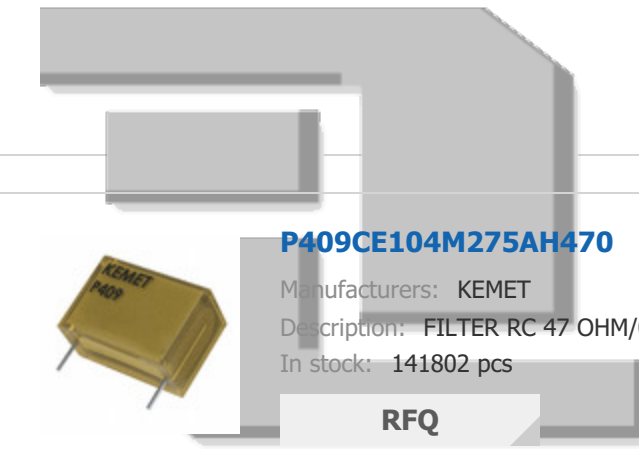
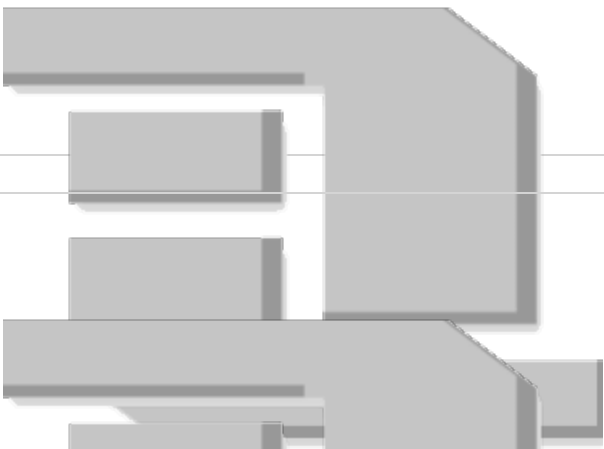
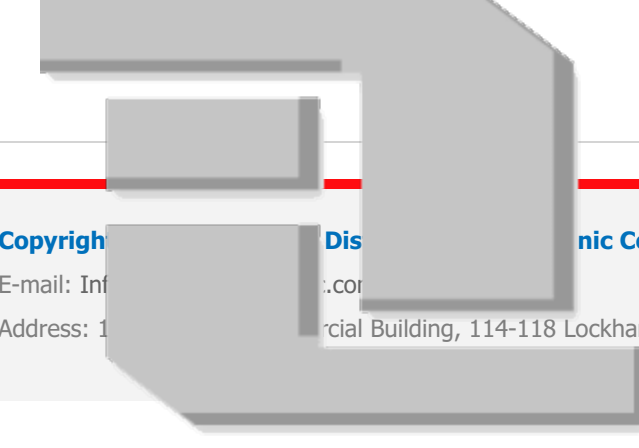
Specifications of P4081NSE7MMC

PART NUMBER	P4081NSE7MMC
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 1.2GHZ 1295FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	497 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 + PHY (2)
SUPPLIER DEVICE PACKAGE	1295-FCPBGA (37.5x37.5)
SPEED	1.2GHz
SERIES	QorIQ P4
SECURITY FEATURES	Boot Security, Cryptography, Random Number Generator, Secure Fusebox
SATA	-
RAM CONTROLLERS	DDR2, DDR3
PACKAGING	Tray
PACKAGE / CASE	1295-BBGA, FCBGA
OTHER NAMES	935323354557
OPERATING TEMPERATURE	0°C ~ 125°C (TA)
NUMBER OF CORES/BUS WIDTH	8 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	No
ETHERNET	1 Gbps (8), 10 Gbps (1)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e500mc Microprocessor IC QorIQ P4 8 Core, 32-Bit 1.2GHz 1295-FCPBGA (37.5x37.5)
CORE PROCESSOR	PowerPC e500mc
CO-PROCESSORS/DSP	Security; SEC 4.0
BASE PART NUMBER	P4081
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, RapidIO, SPI

Related Tags

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Related Products

 P4080PCIE Manufacturers: NXP Description: DEV SYSTEM P4080 PCIE In stock: 85 pcs RFQ	 P4080NXN1MMB Manufacturers: NXP Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: 5040 pcs RFQ
 P409CE104M275AH470 Manufacturers: KEMET Description: FILTER RC 47 OHM/0.1UF TH In stock: 141802 pcs RFQ	 P4081NSN7KKC Manufacturers: NXP Description: IC MPU Q OR IQ 1.2GHZ 1295FCBGA In stock: 722 pcs RFQ
 P4081NSN7MMC Manufacturers: NXP Description: IC MPU Q OR IQ 1.2GHZ 1295FCBGA In stock: 419 pcs RFQ	 P409CE104M275AH330 Manufacturers: KEMET Description: FILTER RC 33 OHM/0.1UF TH In stock: 139117 pcs RFQ
 P4080PSE1MZA Manufacturers: NXP Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: 5140 pcs RFQ	 P4080NXN7MMC Manufacturers: NXP Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: 229 pcs RFQ
 P409CE104M275AH101 Manufacturers: KEMET Description: FILTER RC 100 OHM/0.1UF TH In stock: 61474 pcs RFQ	 P4081NSE7KKC Manufacturers: NXP Description: IC MPU Q OR IQ 1.2GHZ 1295FCBGA In stock: 659 pcs RFQ
 P4080NXE7PNAC Manufacturers: NXP Description: IC MPU Q OR IQ 1.5GHZ 1295FCBGA In stock: 163 pcs RFQ	 P409CE104M275AH220 Manufacturers: KEMET Description: FILTER RC 22 OHM/0.1UF TH In stock: 44391 pcs RFQ