



NXP Semiconductors / Freescale

P1014NXN5HFA

Part Number: P1014NXN5HFA
 Manufacturer/Brand: NXP Semiconductors / Freescale
 Product description: IC MPU Q OR IQ 800MHZ 425TEBGA

Datasheets:

- [1.P1014NXN5HFA.pdf](#)
- [2.P1014NXN5HFA.pdf](#)
- [3.P1014NXN5HFA.pdf](#)
- [4.P1014NXN5HFA.pdf](#)
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Specifications of P1014NXN5HFA

PART NUMBER	P1014NXN5HFA
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 800MHZ 425TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.P1014NXN5HFA.pdf 2.P1014NXN5HFA.pdf 3.P1014NXN5HFA.pdf 4.P1014NXN5HFA.pdf 5.P1014NXN5HFA.pdf 6.P1014NXN5HFA.pdf 7.P1014NXN5HFA.pdf 8.P1014NXN5HFA.pdf
VOLTAGE - I/O	-
USB	USB 2.0 + PHY (1)
SUPPLIER DEVICE PACKAGE	425-TEBGA I (19x19)
SPEED	800MHz
SERIES	QorIQ P1
SECURITY FEATURES	-
SATA	SATA 3Gbps (2)
RAM CONTROLLERS	DDR3, DDR3L
PACKAGING	Tray
PACKAGE / CASE	425-FBGA
OPERATING TEMPERATURE	-40°C ~ 105°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	No
ETHERNET	10/100/1000 Mbps (2)
DISPLAY & INTERFACE CONTROLLERS	-
DETAILED DESCRIPTION	PowerPC e500v2 Microprocessor IC QorIQ P1 1 Core, 32-Bit 800MHz 425-TEBGA I (19x19)
CORE PROCESSOR	PowerPC e500v2
CO-PROCESSORS/DSP	-
BASE PART NUMBER	P1014
ADDITIONAL INTERFACES	DUART, I ² C, MMC/SD, SPI

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<p>P1015-18 Manufacturers: Hamlin / Littelfuse Description: CONN QC RECPT FEMALE SCREW 0.250 In stock: Out stock RFQ</p>	<p>P1014NXN5HFB Manufacturers: NXP Semiconductors / Freescale Description: IC MPU Q OR IQ 800MHZ 425TEBGA In stock: Out stock RFQ</p>
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