



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

BSC9131NSE1KHKB

Part Number:	BSC9131NSE1KHKB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU Q OR IQ 800MHZ 520FCBGA
	PDF 1.BSC9131NSE1KHKB.pdf
	PDF 2.BSC9131NSE1KHKB.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of BSC9131NSE1KHKB

PART NUMBER	BSC9131NSE1KHKB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 800MHZ 520FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.BSC9131NSE1KHKB.pdf PDF 2.BSC9131NSE1KHKB.pdf
VOLTAGE - I/O	1.8V, 2.5V, 3.3V
USB	USB 2.0 (1)
SUPPLIER DEVICE PACKAGE	520-FCBGA (21x21)
SPEED	800MHz
SERIES	QorIQ Qonverge BSC
SECURITY FEATURES	Boot Security, Cryptography, Random Number Generator
SATA	-
RAM CONTROLLERS	DDR3, DDR3L
PACKAGING	Bulk
PACKAGE / CASE	520-FBGA, FCBGA
OTHER NAMES	935320063557
OPERATING TEMPERATURE	0°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 e500 Microprocessor IC QorIQ Qonverge BSC 1 Core, 32-Bit 800MHz 520-FCBGA (21x21)
CORE PROCESSOR	PowerPC e500
CO-PROCESSORS/DSP	Signal Processing; SC3850, Security; SEC 4.4
ADDITIONAL INTERFACES	AIC, DUART, I ² C, MMC/SD, SPI, USIM

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