



NXP Semiconductors / Freescale

BSC9131NLE1HHHB

Part Number:	BSC9131NLE1HHHB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MPU Q OR IQ 800MHZ 520FCBGA
Datasheets:	1.BSC9131NLE1HHHB.pdf 2.BSC9131NLE1HHHB.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of BSC9131NLE1HHHB

PART NUMBER	BSC9131NLE1HHHB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU Q OR IQ 800MHZ 520FCBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.BSC9131NLE1HHHB.pdf 2.BSC9131NLE1HHHB.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	935321885557
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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