

LS1012ASN7EKA



Part Number: [LS1012ASN7EKA](#)

Manufacturer [NXP Semiconductors / Freescale](#)

Description QORIQ 64-BIT ARM MPU 600MHZ STD

Data sheet:  [LS1012A Reference Manual](#)
 [LS1012A Fact Sheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

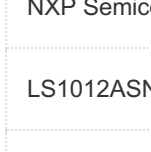
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PRODUCT PARAMETER			
Part Number	LS1012ASN7EKA	Manufacturer	NXP Semiconductors / Freescale
Description	QORIQ 64-BIT ARM MPU 600MHZ STD	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5692 pcs	Data sheet	LS1012A Reference Manual LS1012A Fact Sheet
Category	Integrated Circuits (ICs)	USB	USB 2.0 (1), USB 3.0 + PHY
Supplier Device Package	211-FCLGA (9.6x9.6)	Speed	800MHz
Series	QorIQ™	Security Features	ARM TZ
SATA	SATA 6Gbps (1)	RAM Controllers	DDR3L
Packaging	Tray	Package / Case	211-VFLGA
Other Names	935325013557	Operating Temperature	0°C ~ 105°C (TA)
Number of Cores/Bus Width	1 Core, 64-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Ethernet	-
Detailed Description	ARM® Cortex®-A53 Microprocessor IC QorIQ™ 1 Core, 64-Bit 800MHz 211-FCLGA (9.6x9.6)	Core Processor	ARM® Cortex®-A53
Co-Processors/DSP	-	Additional Interfaces	eMMC/SD/SDIO, I²C, I²S, SPI, UART

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	Part#: LS1012AXE7HKA Description: QORIQ 64-BIT ARM MPU 800MHZ EXT	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: LS1012AXE7EKB Description: LS1012A XT WE 600MHZ RV2	Manufacturers: NXP Semiconductors / Freescale	RFQ
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