

LS1020ASN7MQB



Part Number: [LS1020ASN7MQB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: LS1 32BIT ARM SOC 1.2GHZ DDR3/

Data sheet:  [LS1020A, LS1022A Fact Sheet](#)

RoHs Status:

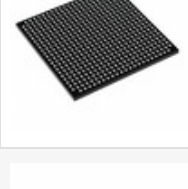
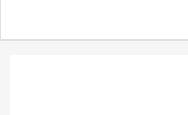
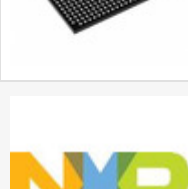
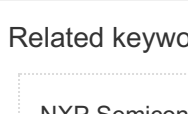
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PRODUCT PARAMETER			
Part Number	LS1020ASN7MQB	Manufacturer	NXP Semiconductors / Freescale
Description	LS1 32BIT ARM SOC 1.2GHZ DDR3/	Lead Free Status / RoHS Status	
Quantity Available	2794 pcs	Data sheet	LS1020A, LS1022A Fact Sheet
Category	Integrated Circuits (ICs)	Voltage - I/O	-
USB	USB 2.0 (1), USB 3.0 + PHY	Supplier Device Package	525-FCPBGA (19x19)
Speed	1.2GHz	Series	QorIQ LS1
SATA	SATA 3Gbps (1)	RAM Controllers	DDR3L, DDR4
Packaging	Tray	Package / Case	525-FBGA, FCBGA
Other Names	935334228557	Operating Temperature	0°C ~ 105°C
Number of Cores/Bus Width	2 Core, 32-Bit	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Graphics Acceleration	No	Ethernet	GbE (3)
Detailed Description	ARM® Cortex®-A7 Microprocessor IC QorIQ LS1 2 Core, 32-Bit 1.2GHz 525-FCPBGA (19x19)	Core Processor	ARM® Cortex®-A7
Co-Processors/DSP	Multimedia; NEON™ SIMD		
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