

NXP Semiconductors / Freescale

LS1020ASN7KQB

Part Number:	LS1020ASN7KQB
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	LS1 32BIT ARM SOC 1GHZ DDR3/4
Datasheets:	
Stock Condition	2533 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

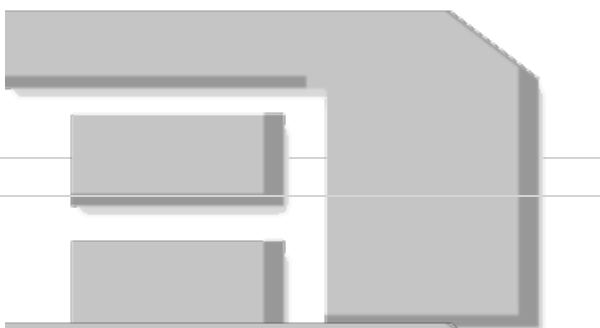
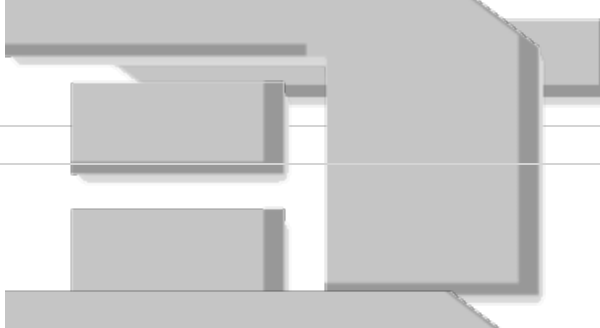
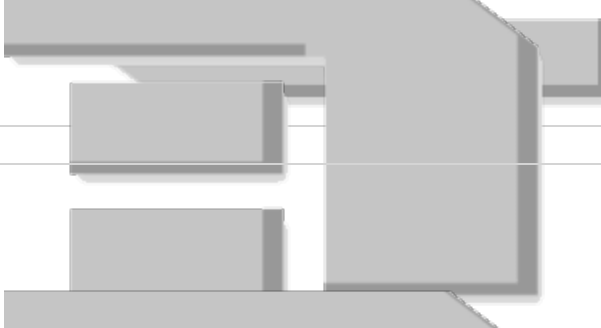
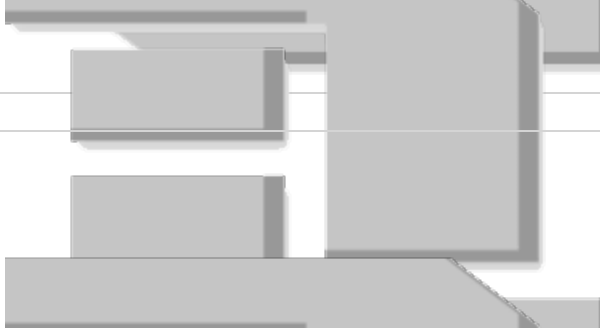
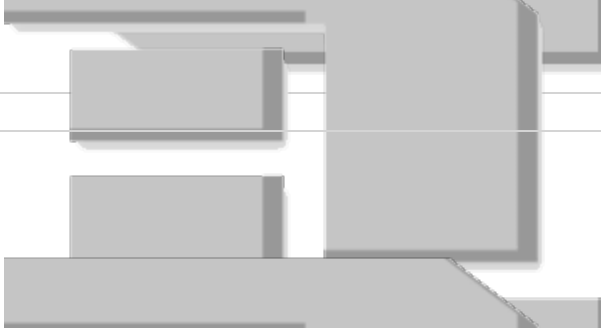
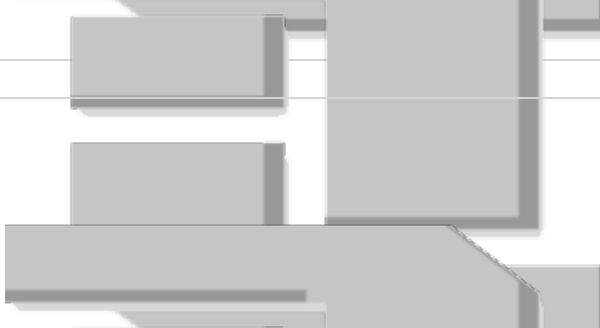
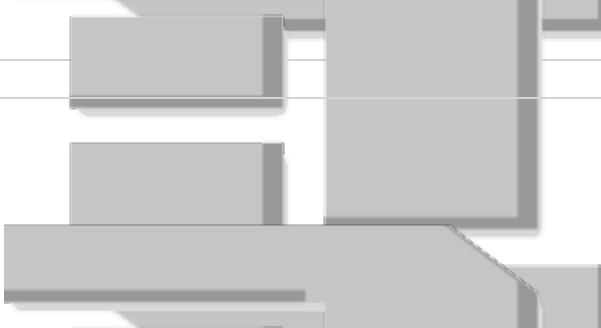
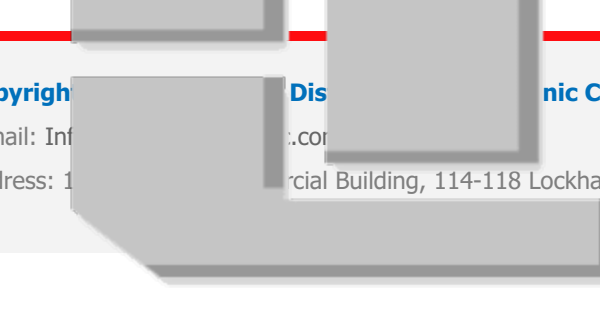
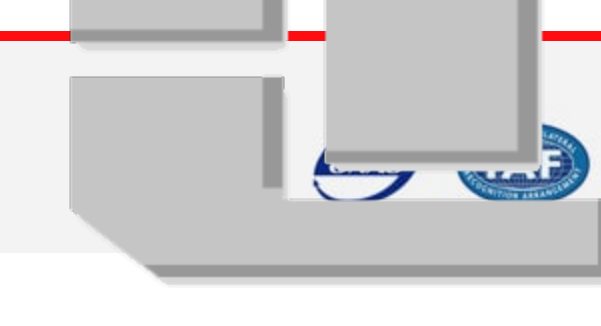
Specifications of LS1020ASN7KQB

PART NUMBER	LS1020ASN7KQB
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	LS1 32BIT ARM SOC 1GHZ DDR3/4
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	2533 pcs
DATA SHEET	
VOLTAGE - I/O	-
USB	USB 2.0 (1), USB 3.0 + PHY
SUPPLIER DEVICE PACKAGE	525-FCPBGA (19x19)
SPEED	1.2GHz
SERIES	QorlQ LS1
SATA	SATA 3Gbps (1)
RAM CONTROLLERS	DDR3L, DDR4
PACKAGING	Tray
PACKAGE / CASE	525-FBGA, FCBGA
OTHER NAMES	568-14041 935322414557 LS1020ASN7KQB-ND
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 QorlQ 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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	LS1020AXE7MQB Manufacturers: NXP Description: LS1 32BIT ARM SOC 1.2GHZ DDR3/ In stock: 2478 pcs RFQ		LS1020ASE7HNB Manufacturers: NXP Description: LS1 32BIT ARM SOC 800MHZ DDR3/ In stock: 2497 pcs RFQ
	LS1020ASE7MQB Manufacturers: NXP Description: LS1 32BIT ARM SOC 1.2GHZ DDR3/ In stock: 2899 pcs RFQ		LS1020ASE7KQB Manufacturers: NXP Description: LS1 32BIT ARM SOC 1GHZ DDR3/4 In stock: 2310 pcs RFQ
	LS1020ASN7MQB Manufacturers: NXP Description: LS1 32BIT ARM SOC 1.2GHZ DDR3/ In stock: 2995 pcs RFQ		LS1020AXE7HNB Manufacturers: NXP Description: LS1 32BIT ARM SOC 800MHZ DDR3/ In stock: 2238 pcs RFQ
	LS1020AXN7HNB Manufacturers: NXP Description: LS1 32BIT ARM SOC 800MHZ DDR3/ In stock: 2672 pcs RFQ		LS1020ASE8KQB Manufacturers: NXP Description: LS1020 32BIT ARM SOC 1GHZ DDR3 In stock: 1851 pcs RFQ
	LS1020ASN7HNB Manufacturers: NXP Description: LS1 32BIT ARM SOC 800MHZ DDR3/ In stock: 2617 pcs RFQ		LS1020AXN7KQB Manufacturers: NXP Description: LS1 32BIT ARM SOC 1GHZ DDR3/4 In stock: 2201 pcs RFQ
	LS101MAXE7DFA Manufacturers: NXP Description: IC PROCESSOR DUAL CORE In stock: 6591 pcs RFQ		LS1020AXE7KQB Manufacturers: NXP Description: LS1 32BIT ARM SOC 1GHZ DDR3/4 In stock: 2407 pcs RFQ