

NXP Semiconductors / Freescale

LPC4312JET100E

Part Number:	LPC4312JET100E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	8712 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

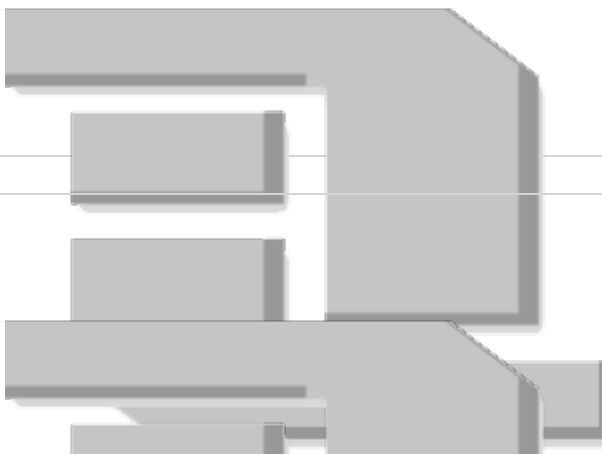
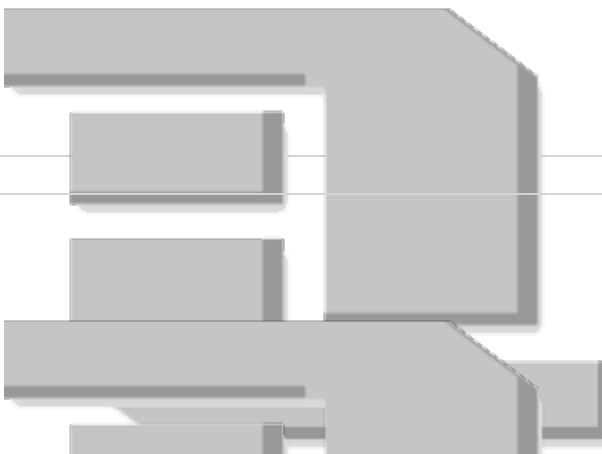
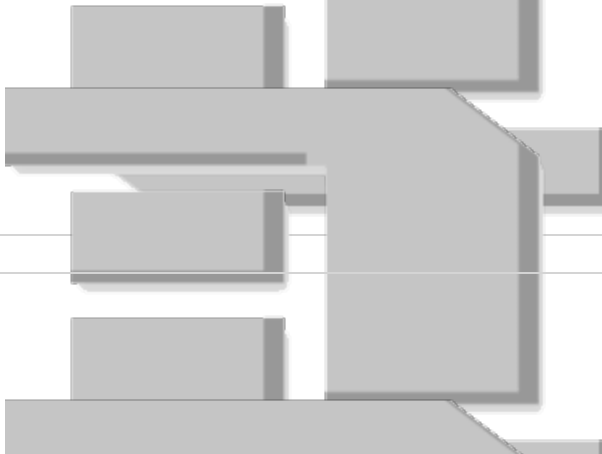
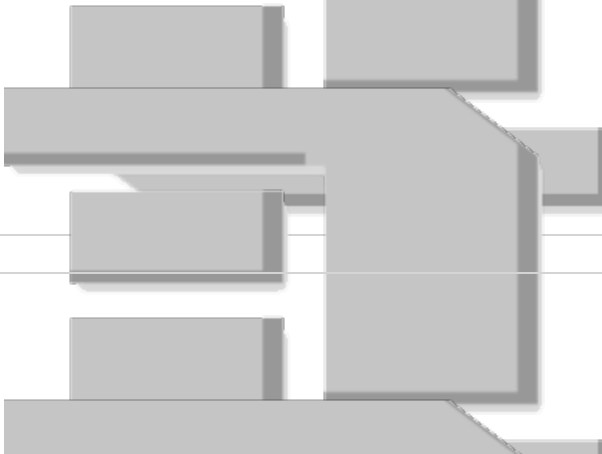
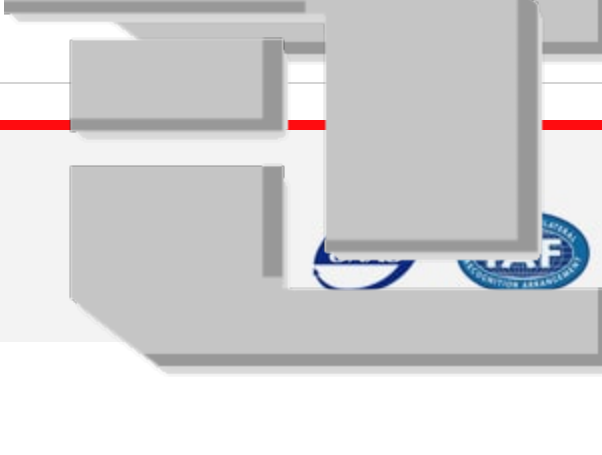
Specifications of LPC4312JET100E

PART NUMBER	LPC4312JET100E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8712 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	204MHz
SERIES	LPC43xx
RAM SIZE	104K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	100-TFBGA
OTHER NAMES	568-14241 935299664551 LPC4312JET100E-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	49
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	16K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4/M0 LPC43xx Microcontroller IC 32-Bit Dual-Core 204MHz 512KB (512K x 8) FLASH 100-TFBGA (9x9)
DATA CONVERTERS	A/D 4x10b; D/A 1x10b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	ARM® Cortex®-M4/M0
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, Microwire, SD, SPI, SSI, SSP, UART/USART
BASE PART NUMBER	LPC4312

Related Tags

LPC4312JET100E	LPC4312JET100E Distributor	LPC4312JET100E Supplier
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Related Products

	LPC4315JET100E Manufacturers: NXP Description: IC MCU 32BIT 768KB FLASH 100BGA In stock: 11631 pcs RFQ		LPC4088FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6984 pcs RFQ
	LPC4088FET180,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 180BGA In stock: 8905 pcs RFQ		LPC4310FBD144,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 144LQFP In stock: 14143 pcs RFQ
	LPC4317JET100E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 9658 pcs RFQ		LPC4317JBD144E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6636 pcs RFQ
	LPC4310FET100,551 Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 100TFBGA In stock: 11252 pcs RFQ		LPC4313JBD144E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 8846 pcs RFQ
	LPC4313JET100E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 10349 pcs RFQ		LPC4312JBD144E Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 8647 pcs RFQ
	LPC4088FET208,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 208BGA In stock: 7061 pcs RFQ		LPC4315JBD144E Manufacturers: NXP Description: IC MCU 32BIT 768KB FLASH 144LQFP In stock: 8701 pcs RFQ