

NXP Semiconductors / Freescale

LPC4078FBD100E

Part Number:	LPC4078FBD100E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	9983 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

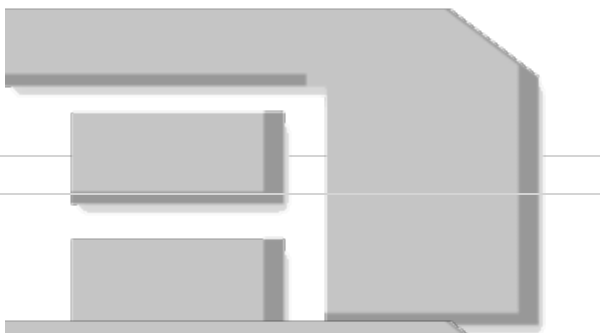
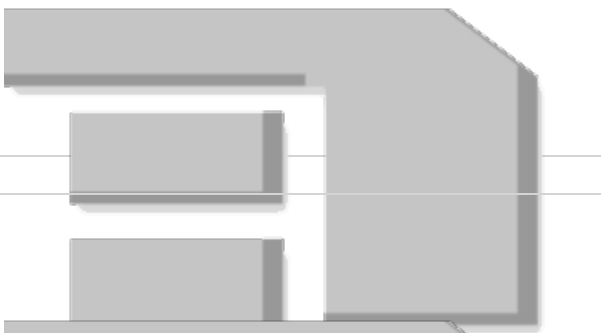
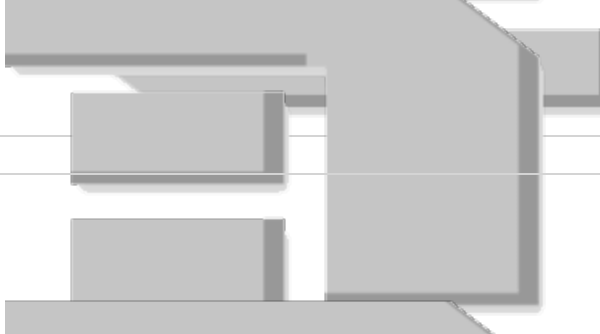
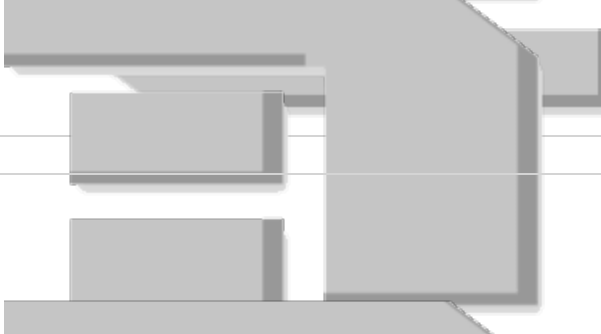
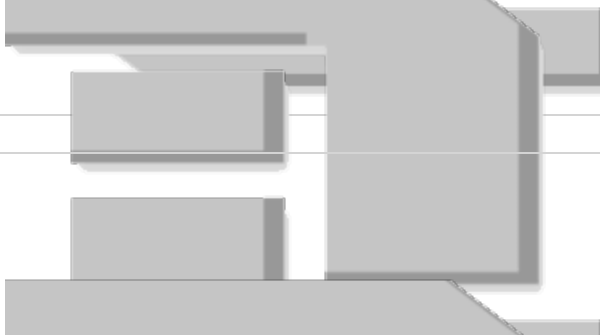
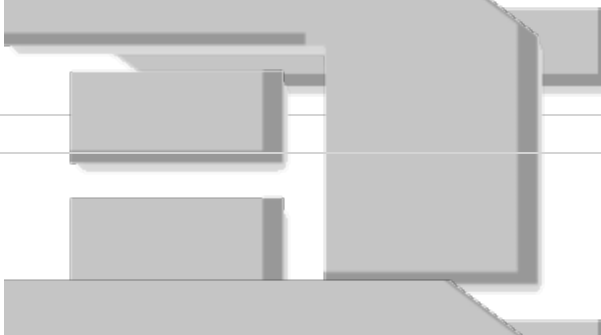
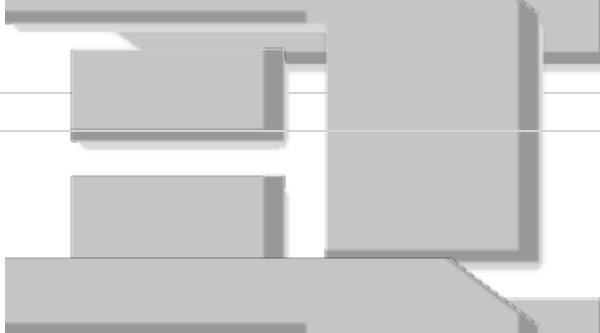
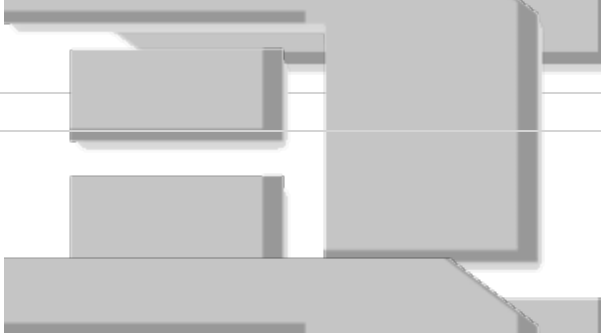
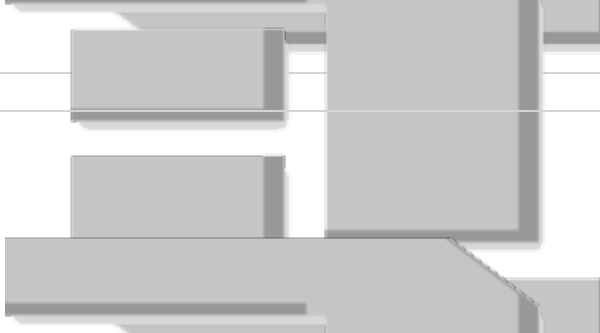
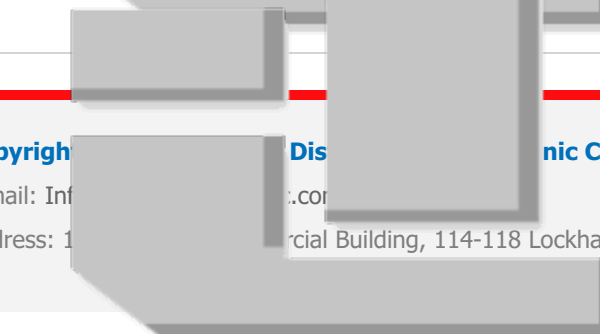
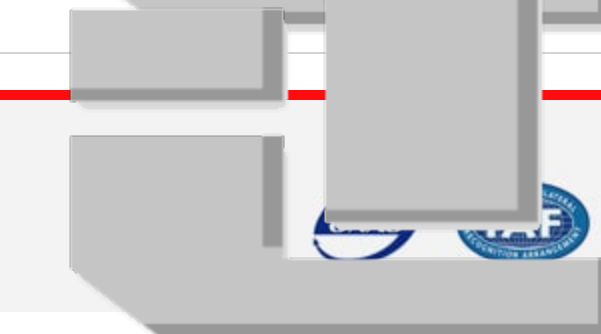
Specifications of LPC4078FBD100E

PART NUMBER	LPC4078FBD100E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9983 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.4 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	120MHz
SERIES	LPC40xx
RAM SIZE	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	100-LQFP
OTHER NAMES	568-12893 935302571551 LPC4078FBD100E-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
MOISTURE SENSITIVITY LEVEL (MSL)	2 (1 Year)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4032 x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 LPC40xx Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 8x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, Microwire, QEI, SD, SPI, SSI, SSP, UART/USART, USB, USB OTG
BASE PART NUMBER	LPC4078

Related Tags

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Related Products

	LPC4072FET80K Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 80TFBGA In stock: 25013 pcs RFQ		LPC4076FBD144E Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 7936 pcs RFQ
	LPC4078FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 208LQFP In stock: 9127 pcs RFQ		LPC4078FET180,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 180BGA In stock: 8724 pcs RFQ
	LPC4074FBD144,551 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 13436 pcs RFQ		LPC4088FBD144,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 7972 pcs RFQ
	LPC4078FBD144,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 7518 pcs RFQ		LPC4074FBD80,551 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 11822 pcs RFQ
	LPC4078FET208,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 208BGA In stock: 9229 pcs RFQ		LPC4076FET180K Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 180BGA In stock: 15967 pcs RFQ
	LPC4078FBD80,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 9920 pcs RFQ		LPC4076FET180,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 180BGA In stock: 7848 pcs RFQ