

NXP Semiconductors / Freescale

LPC43S37JBD144E

Part Number:	LPC43537JBD144E
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 144LQFP
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	6213 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

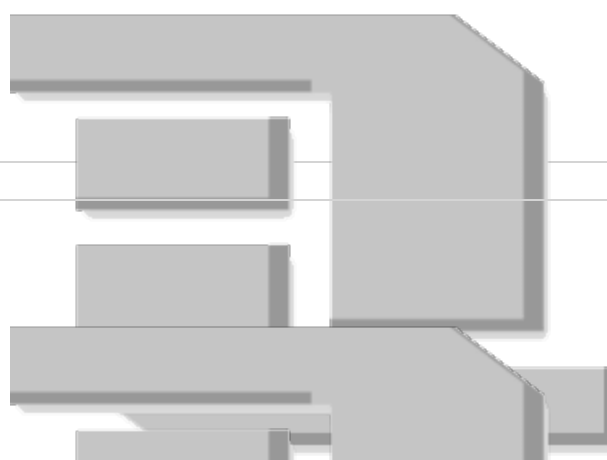
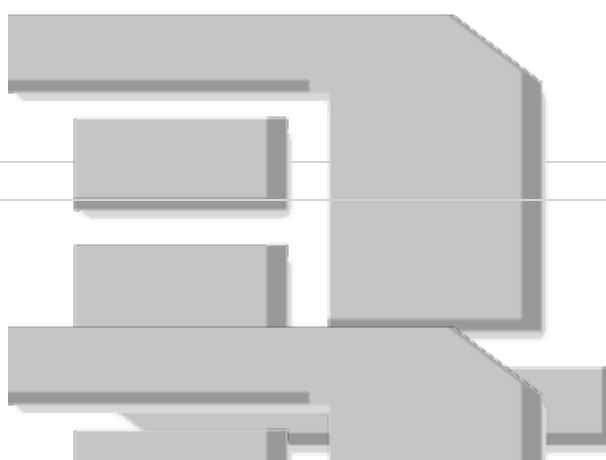
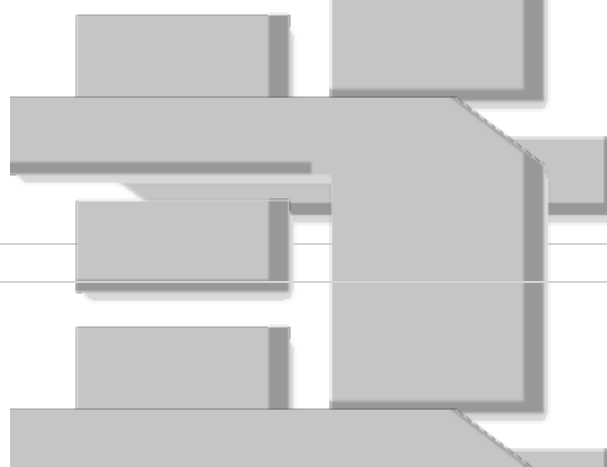
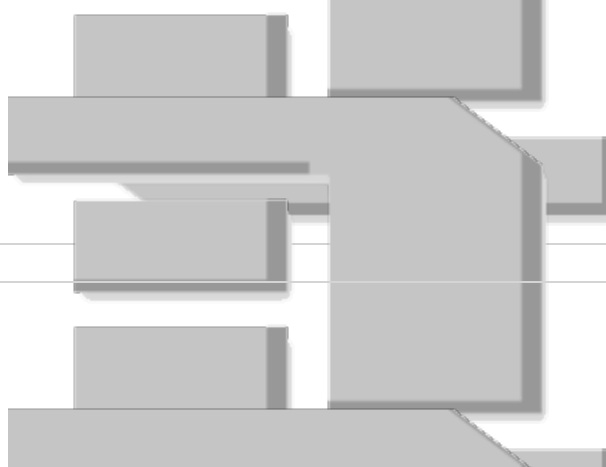
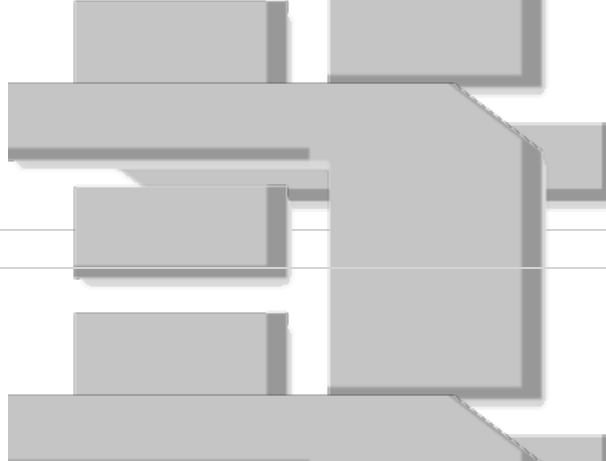
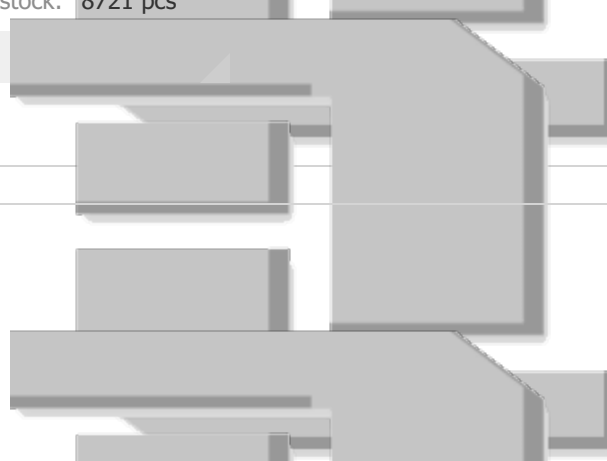
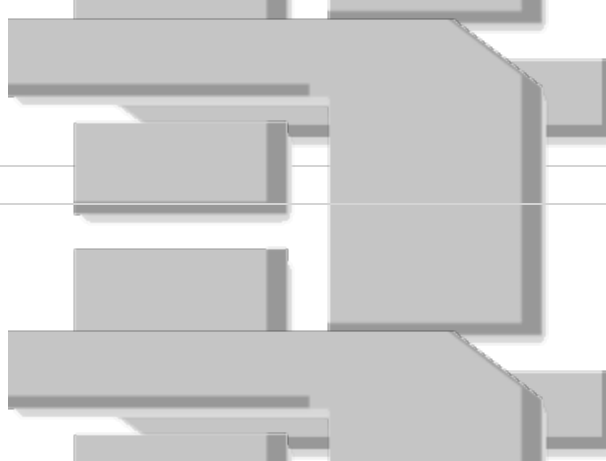
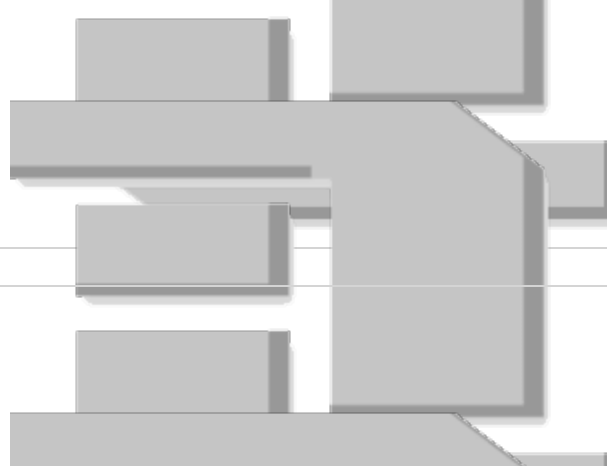
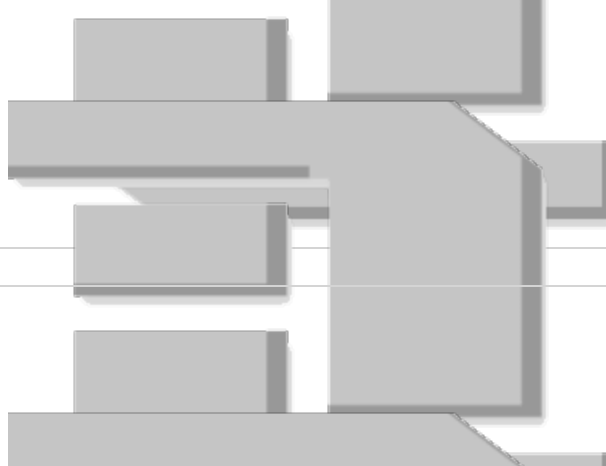
Specifications of LPC43S37JBD144E

PART NUMBER	LPC43S37JBD144E
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6213 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.2 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	204MHz
SERIES	LPC43xx
RAM SIZE	136K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I ² S, POR, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	568-13595 935305914551 LPC43S37JBD144E-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	83
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4/M0 LPC43xx Microcontroller IC 32-Bit Dual-Core 204MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 8x10b; D/A 1x10b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	ARM® Cortex®-M4/M0
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I ² C, IrDA, Microwire, MMC/SD, SPI, SSI, SSP, UART/USART, USB, USB OTG

Related Tags

LPC43S37JBD144E	LPC43S37JBD144E Distributor	LPC43S37JBD144E Supplier
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LPC43S37JBD144E Stock	Buy LPC43S37JBD144E	Buy LPC43S37JBD144E
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Related Products

	LPC43S20FBD144E Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 144LQFP In stock: 9377 pcs RFQ		LPC43S67JBD208E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 208LQFP In stock: 6493 pcs RFQ	
	LPC43S50FET180E Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 180TFBGA In stock: 8303 pcs RFQ		LPC43S30FET100E Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 100TFBGA In stock: 9209 pcs RFQ	
	LPC43S57JBD208E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 208LQFP In stock: 7683 pcs RFQ		LPC43S57JBD208E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 208LQFP In stock: 7683 pcs RFQ	
LPC43S50FET256,551 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT ROMLESS 256LBGA In stock: 8721 pcs		LPC43S57JET256E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256LBGA In stock: 6500 pcs RFQ		LPC43S30FBD144E Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 144LQFP In stock: 10241 pcs RFQ
	LPC43S30FET256E Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 256LBGA In stock: 7466 pcs RFQ		LPC4370FET256E Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 256LBGA In stock: 8040 pcs RFQ	
	LPC43S37JET100E Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 100TFBGA In stock: 6933 pcs RFQ		LPC43S20FET180E Manufacturers: NXP Description: IC MCU 32BIT ROMLESS 180TFBGA In stock: 13695 pcs RFQ	