

NXP Semiconductors / Freescale

LPC1768FET100Y

Part Number:	LPC1768FET100Y
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 100TBGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	12951 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.

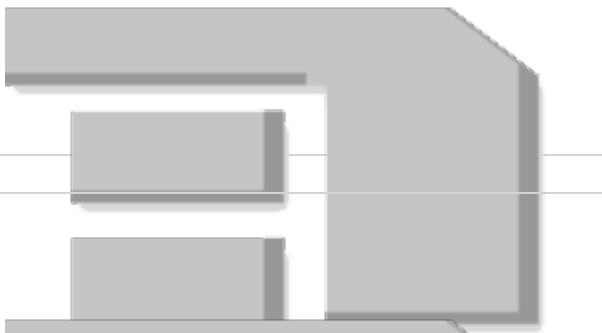
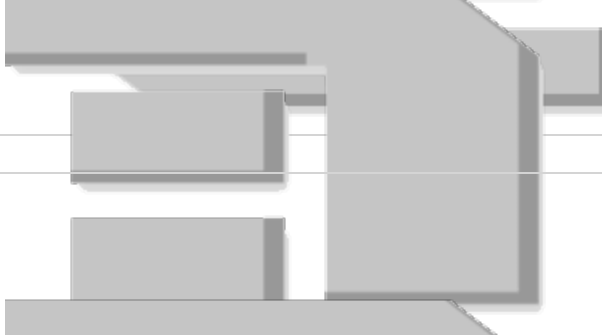
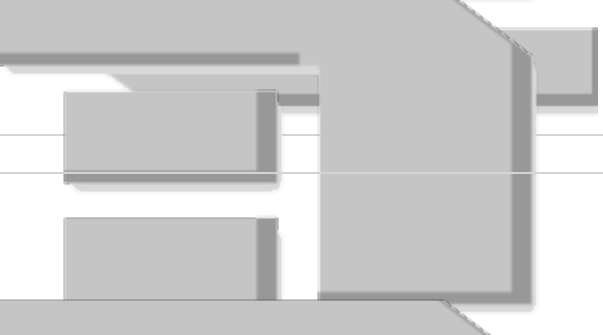
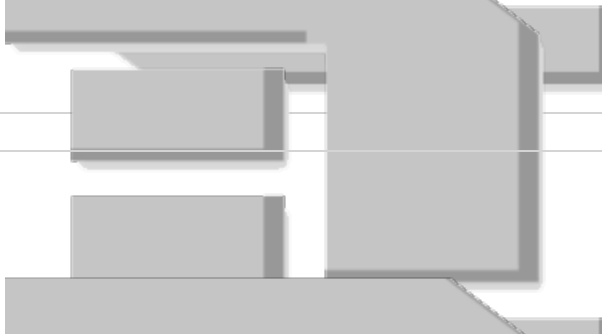
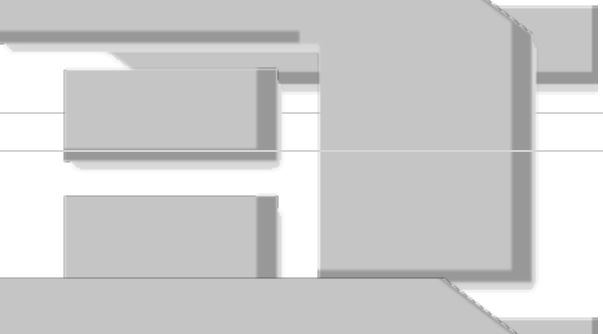
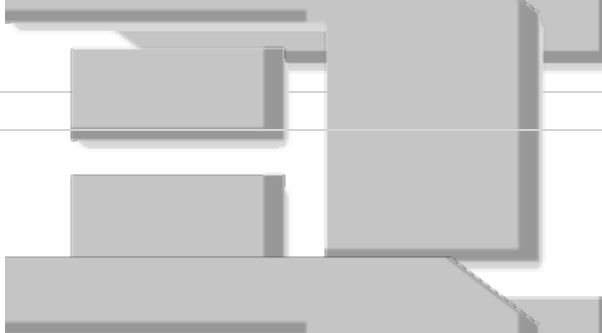
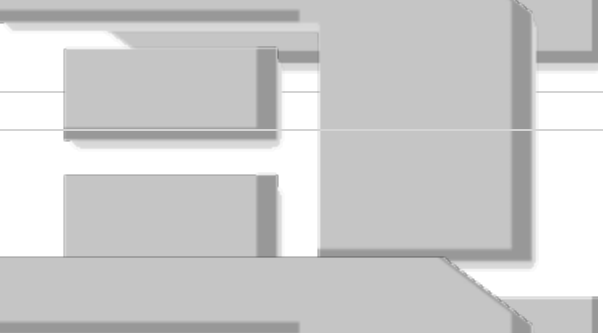
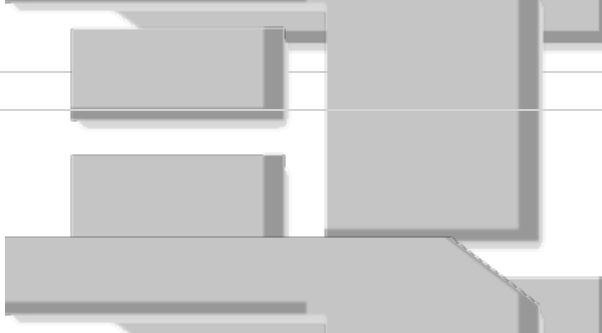
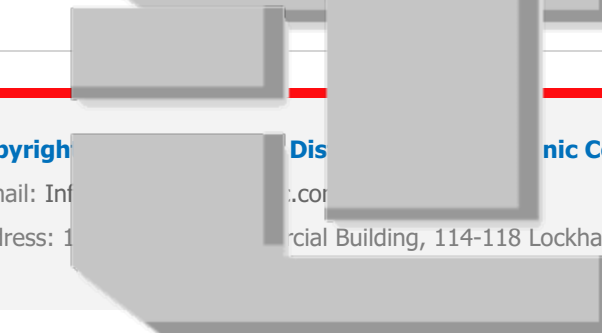
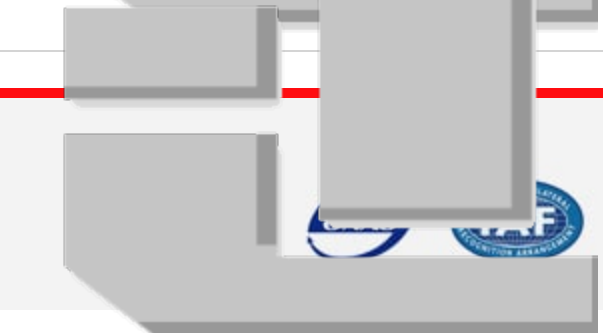
Specifications of LPC1768FET100Y

PART NUMBER	LPC1768FET100Y
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100TBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12951 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.4 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-TFBGA (9x9)
SPEED	100MHz
SERIES	LPC17xx
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, Motor Control PWM, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	100-TFBGA
OTHER NAMES	935291036518
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	70
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M3 LPC17xx Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 100-TFBGA (9x9)
DATA CONVERTERS	A/D 8x12b, D/A 1x10b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M3
CONNECTIVITY	CANbus, Ethernet, I²C, IrDA, Microwire, SPI, SSI, UART/USART, USB OTG

Related Tags

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Related Products

	LPC1768FBD100,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 7953 pcs RFQ		LPC1768FET100,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 9118 pcs RFQ
	LPC1767FBD100,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 8364 pcs RFQ		LPC1774FBD144,551 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 10747 pcs RFQ
	LPC1765FBD100,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 9106 pcs RFQ		LPC1765FET100,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100BGA In stock: 10003 pcs RFQ
	LPC1768UKJ Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 15481 pcs RFQ		LPC1768FET100Z Manufacturers: NXP Description: 512KB FLASH, 64KB SRAM, ETHERNET In stock: 5254 pcs RFQ
	LPC1774FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 208LQFP In stock: 8617 pcs RFQ		LPC1768UKZ Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100CSP In stock: 8413 pcs RFQ
	LPC1769FBD100,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 9008 pcs RFQ		LPC1766FBD100,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 10611 pcs RFQ

