

NXP Semiconductors / Freescale

LPC1768UKJ

Part Number:	LPC1768UKJ
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 100BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	15481 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

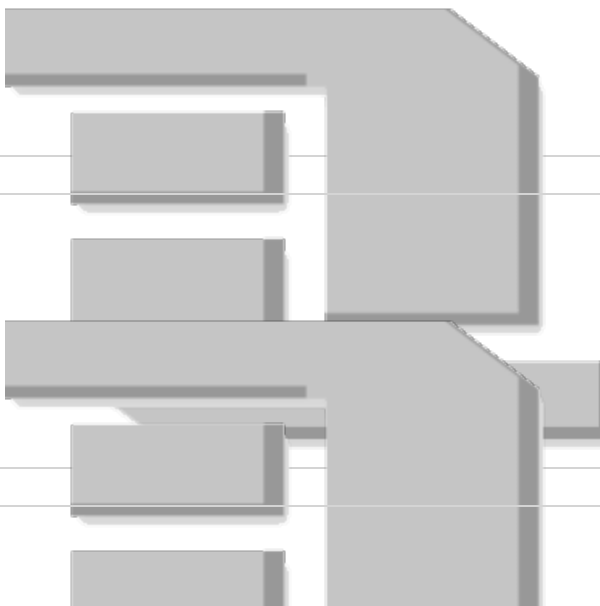
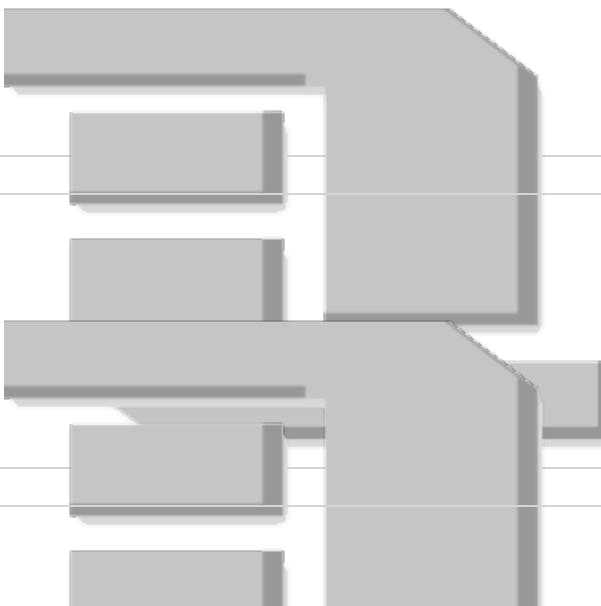
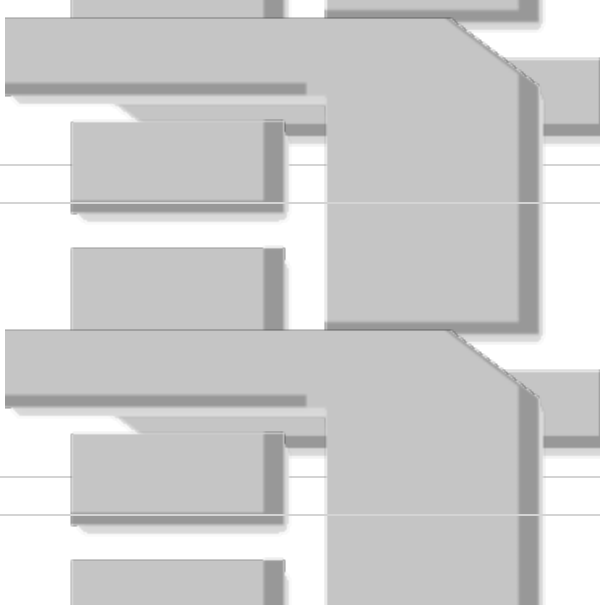
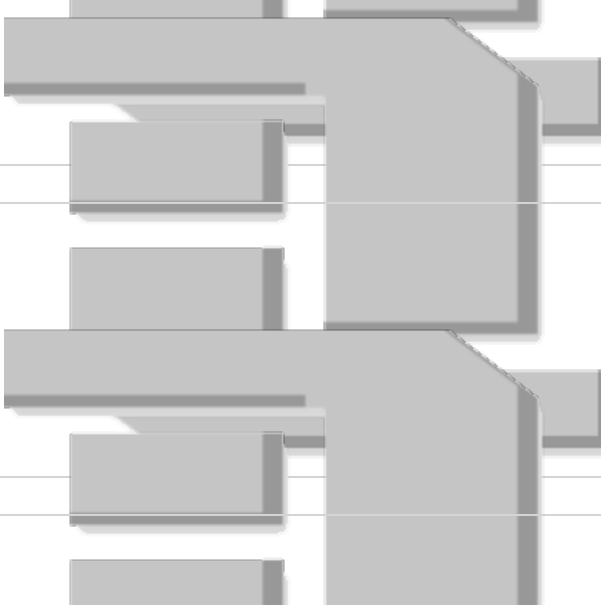
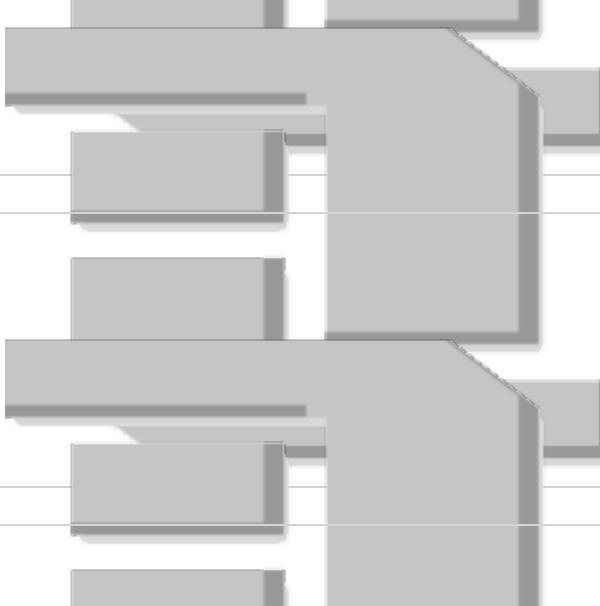
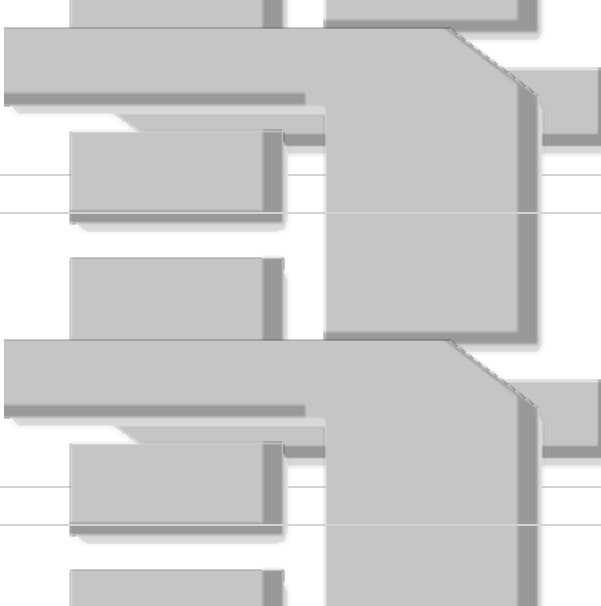
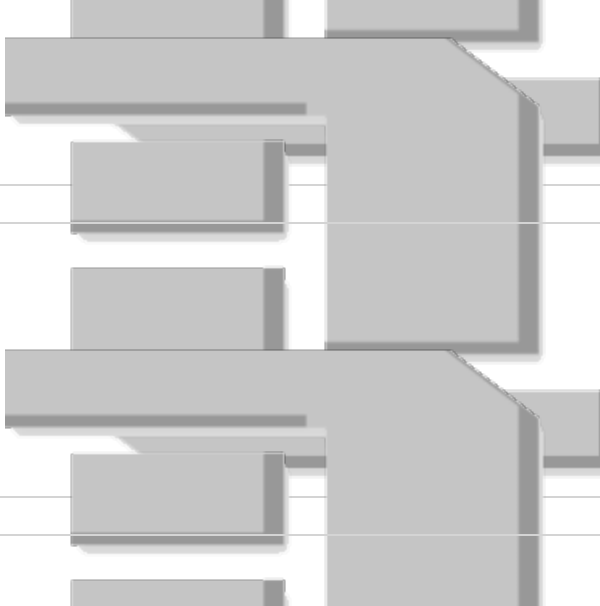
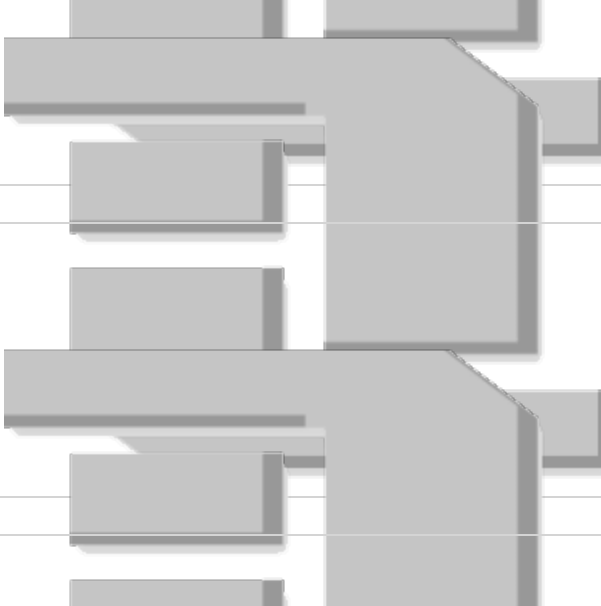
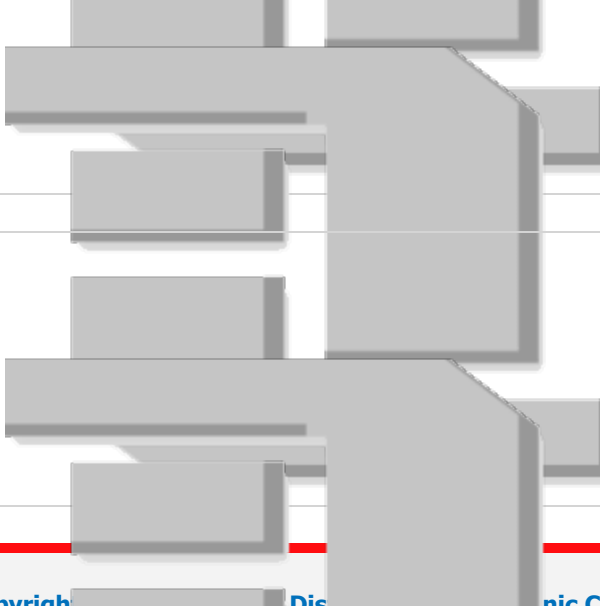
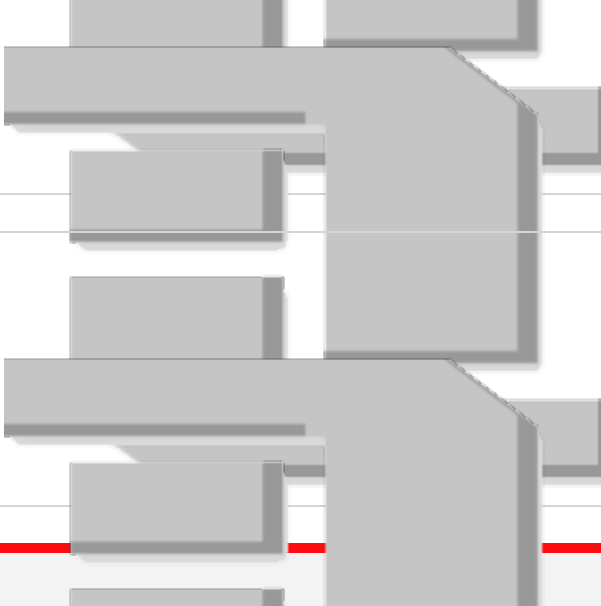
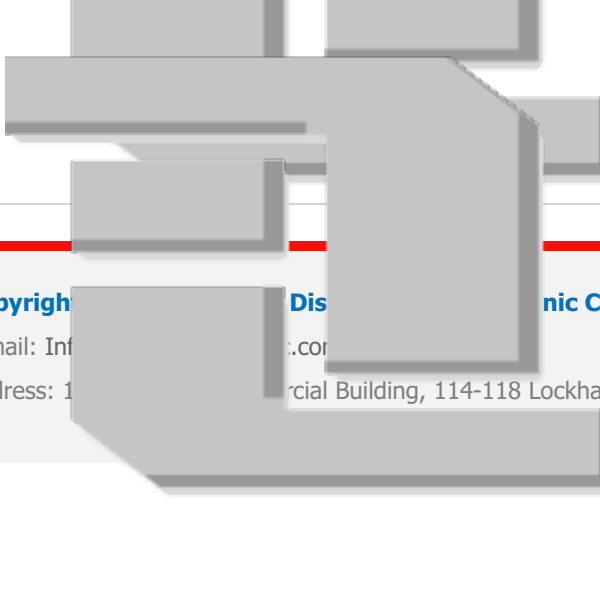
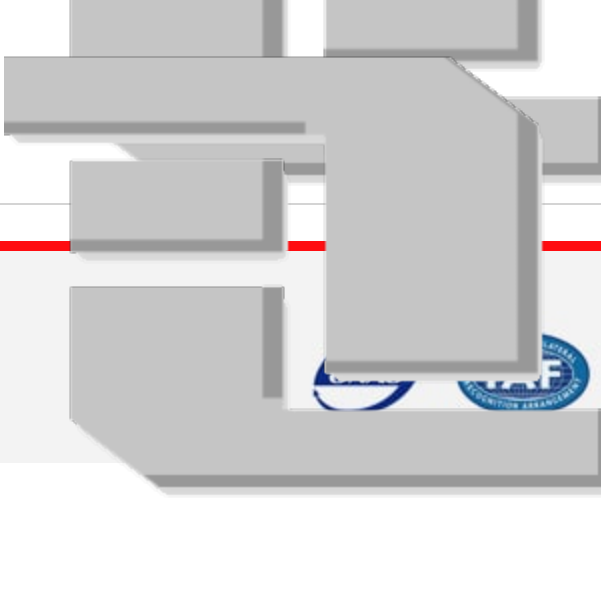
Specifications of LPC1768UKJ

PART NUMBER	LPC1768UKJ
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	15481 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	568-11453-2 935302898118
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	70
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
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
BASE PART NUMBER	LPC1768

Related Tags

LPC1768UKJ	LPC1768UKJ Distributor	LPC1768UKJ Supplier
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Related Products

	LPC1767FBD100,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 8364 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		LPC1774FBD144,551 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 10747 pcs RFQ
	LPC1768FET100,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100BGA In stock: 9118 pcs RFQ		LPC1766FBD100,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 10611 pcs RFQ
	LPC1776FBD208,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 208LQFP In stock: 7507 pcs RFQ		LPC1768FET100Y Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100TBGA In stock: 12951 pcs RFQ
	LPC1776FET180,551 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 180BGA In stock: 10218 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		LPC1768FBD100,551 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 7953 pcs RFQ