

NXP Semiconductors / Freescale

MKL16Z256VMP4R

Part Number:	MKL16Z256VMP4R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS KL16: 48MHZ CORTEX-M0+ U
Datasheets:	
Stock Condition	28223 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

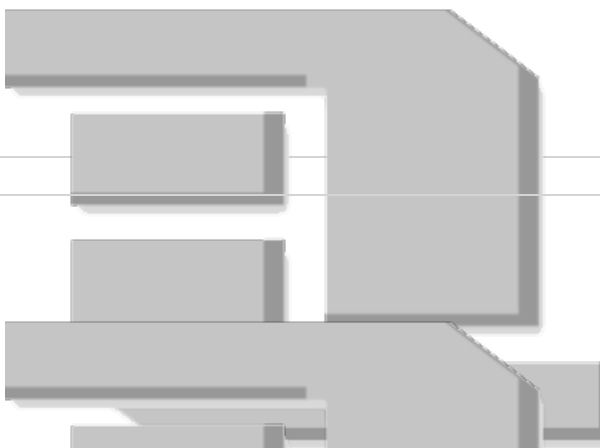
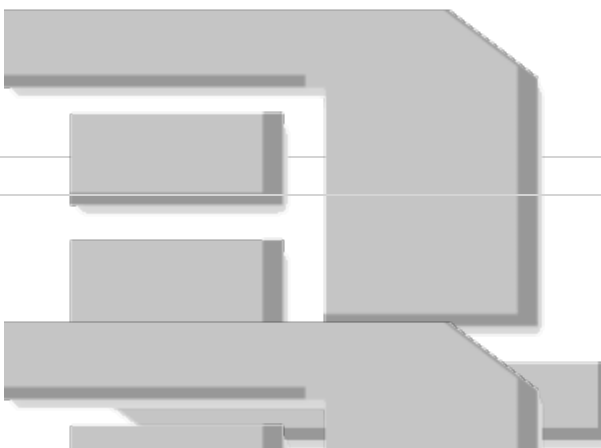
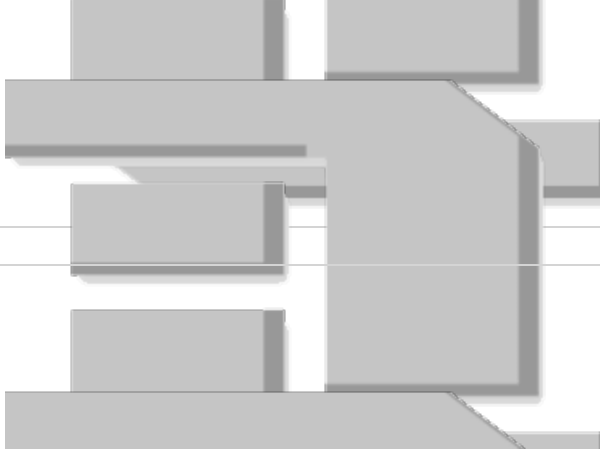
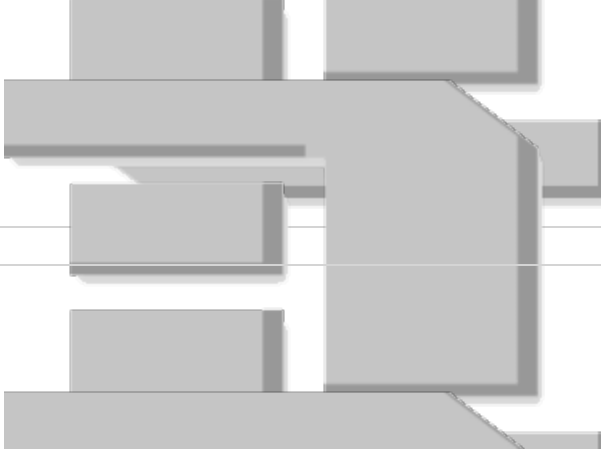
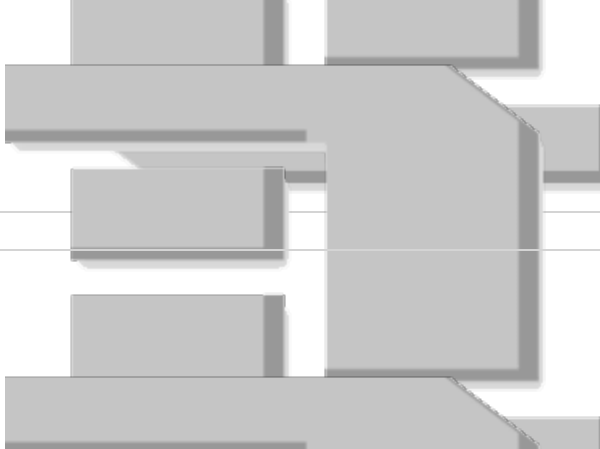
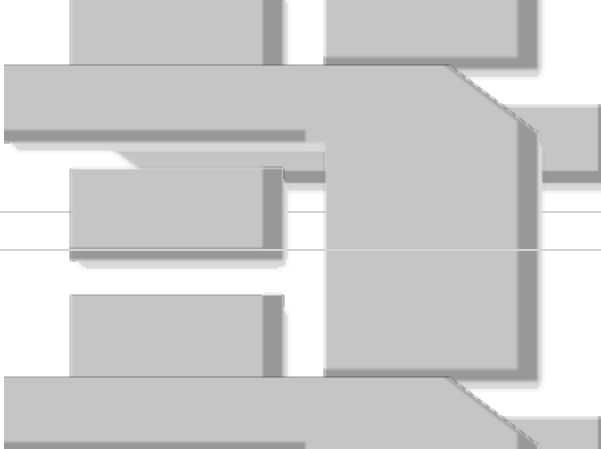
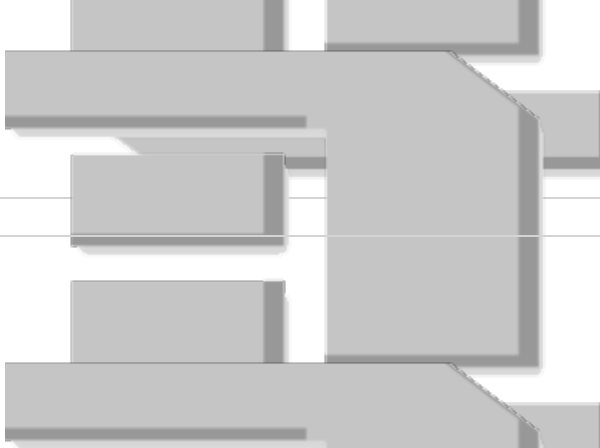
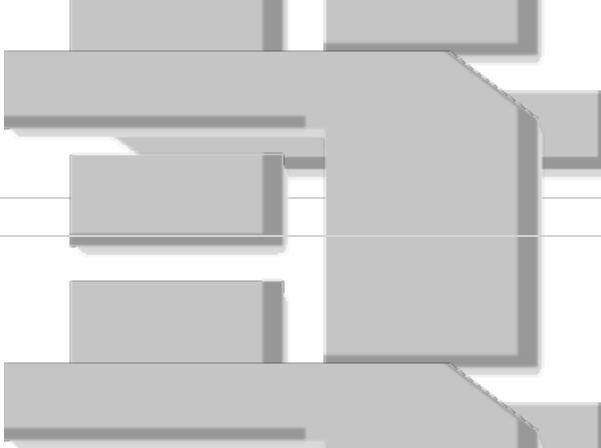
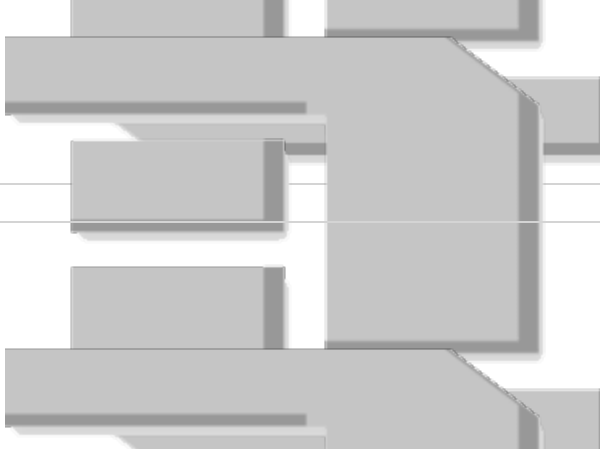
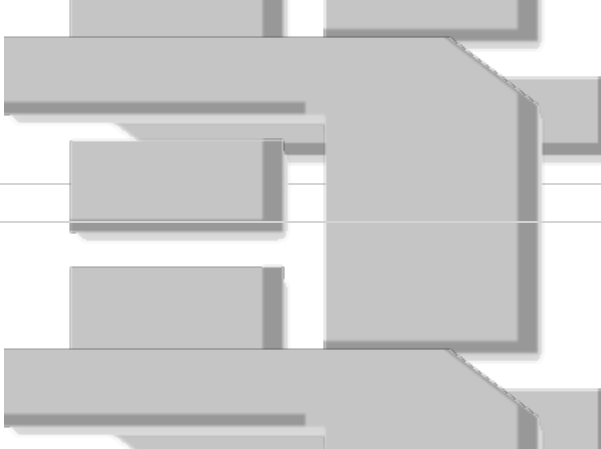
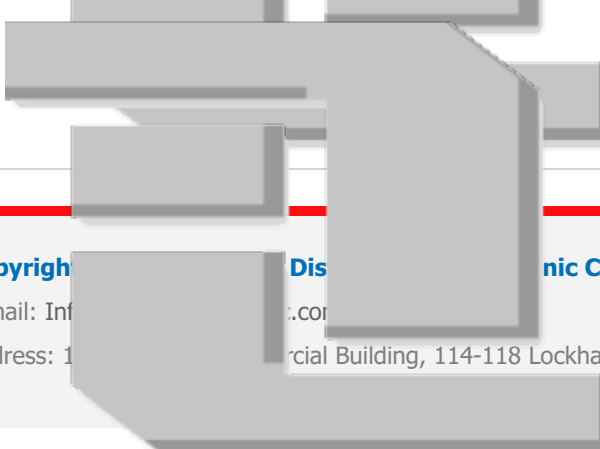
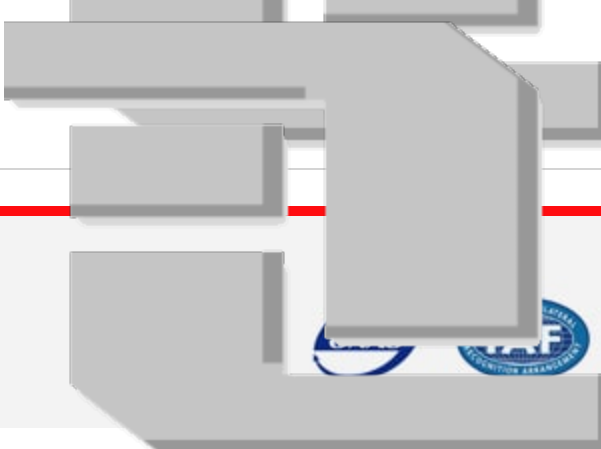
Specifications of MKL16Z256VMP4R

PART NUMBER	MKL16Z256VMP4R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS KL16: 48MHZ CORTEX-M0+ U
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	28223 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-MAPBGA (5x5)
SPEED	48MHz
SERIES	Kinetis KL1
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	Brown-out Detect/Reset, DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-LFBGA
OTHER NAMES	935312291518
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	54
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M0+ Kinetis KL1 Microcontroller IC 32-Bit 48MHz 256KB (256K x 8) FLASH 64-MAPBGA (5x5)
DATA CONVERTERS	A/D - 16bit, D/A - 12bit
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M0+
CONNECTIVITY	I²C, LINbus, SPI, TSI, UART/USART

Related Tags

MKL16Z256VMP4R	MKL16Z256VMP4R Distributor	MKL16Z256VMP4R Supplier
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Related Products

	MKL16Z256VLH4 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 15803 pcs RFQ		MKL16Z32VFM4 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: 26906 pcs RFQ
	MKL16Z128VLH4R Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 34874 pcs RFQ		MKL16Z64VFM4R Manufacturers: NXP Description: KINETIS KL16: 48MHZ CORTEX-M0+ U In stock: 64060 pcs RFQ
	MKL16Z32VLH4 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: 24990 pcs RFQ		MKL16Z32VFT4 Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 48QFN In stock: 29752 pcs RFQ
	MKL16Z128VLH4 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 16251 pcs RFQ		MKL16Z64VFM4 Manufacturers: NXP Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 24777 pcs RFQ
	MKL16Z128VFT4R Manufacturers: NXP Description: KINETIS KL16: 48MHZ CORTEX-M0+ U In stock: 44338 pcs RFQ		MKL16Z256VLH4R Manufacturers: NXP Description: KINETIS KL16: 48MHZ CORTEX-M0+ U In stock: 32022 pcs RFQ
	MKL16Z32VFT4R Manufacturers: NXP Description: KINETIS KL16: 48MHZ CORTEX-M0+ U In stock: 55773 pcs RFQ		MKL16Z256VMP4 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64BGA In stock: 13753 pcs RFQ