

NXP Semiconductors / Freescale



MK22FN512CAP12R

Part Number:	MK22FN512CAP12R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 80WLCSP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	14864 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

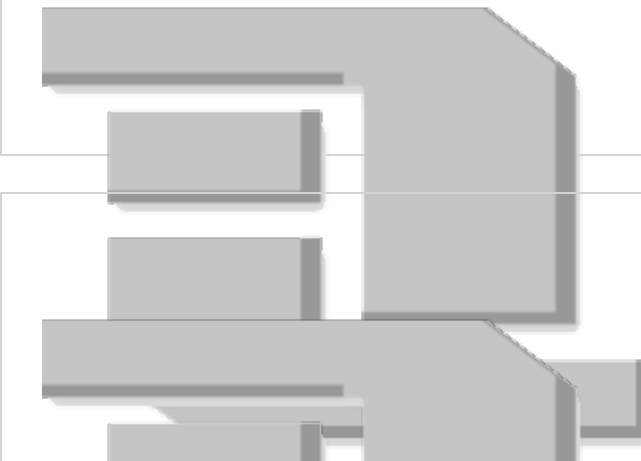
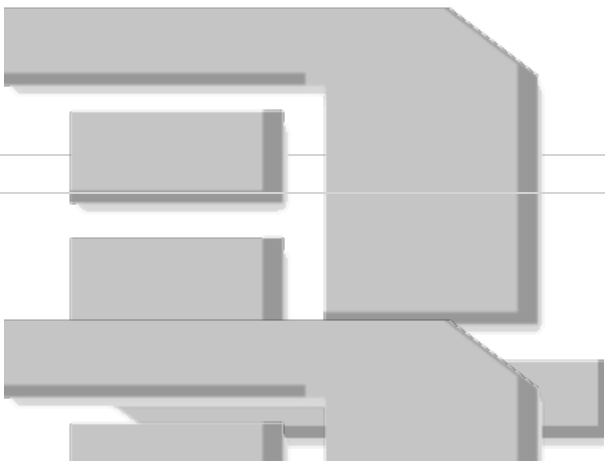
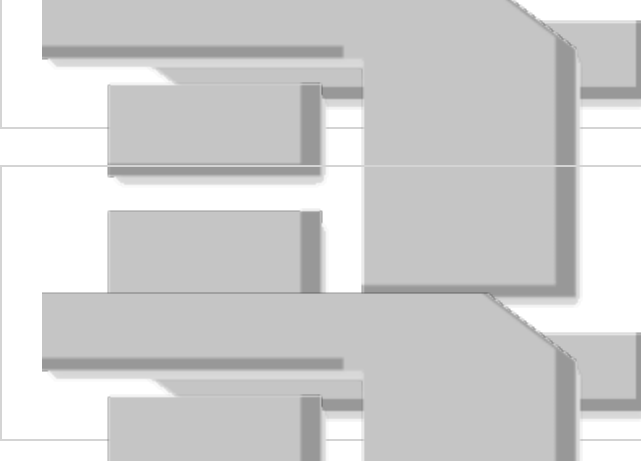
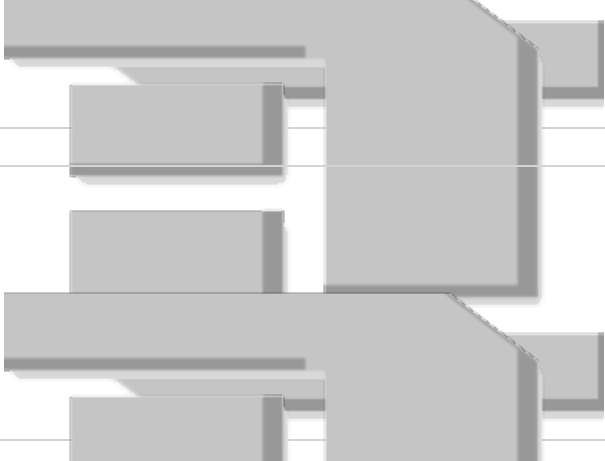
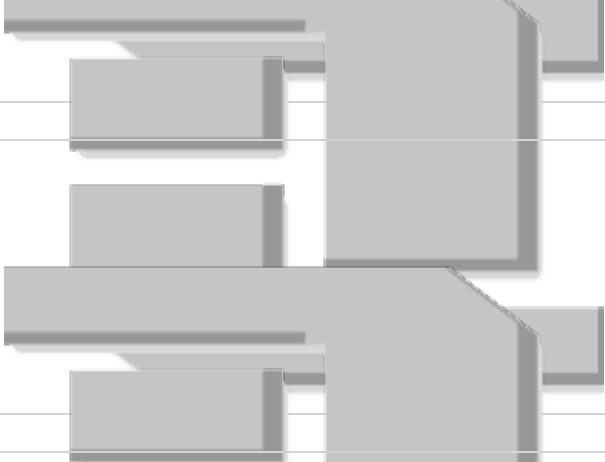
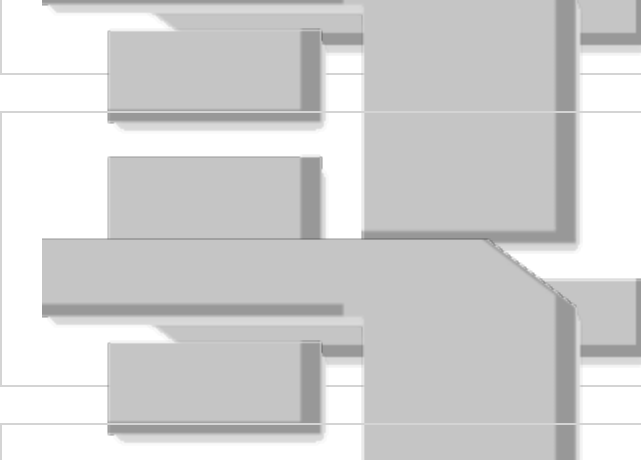
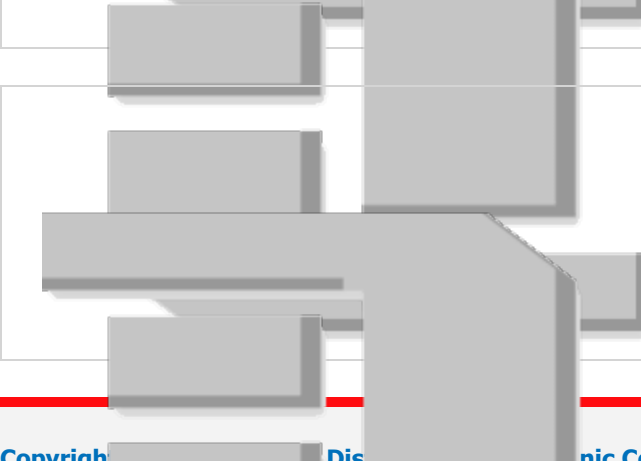
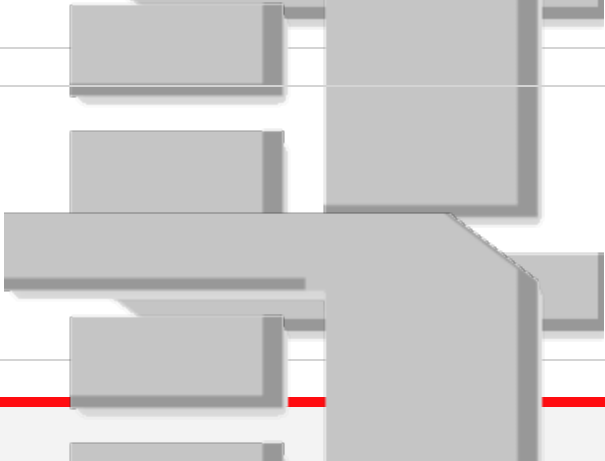
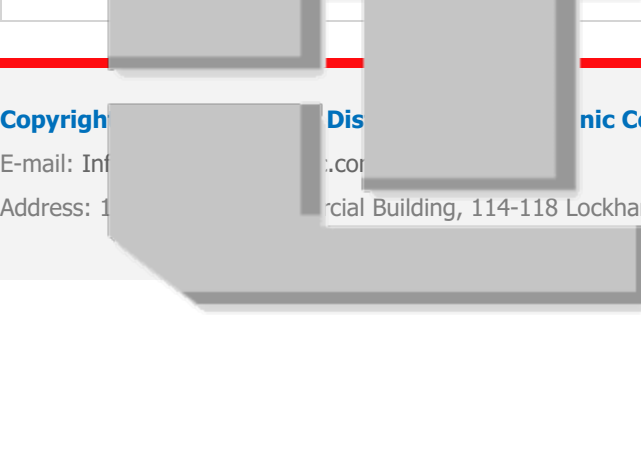
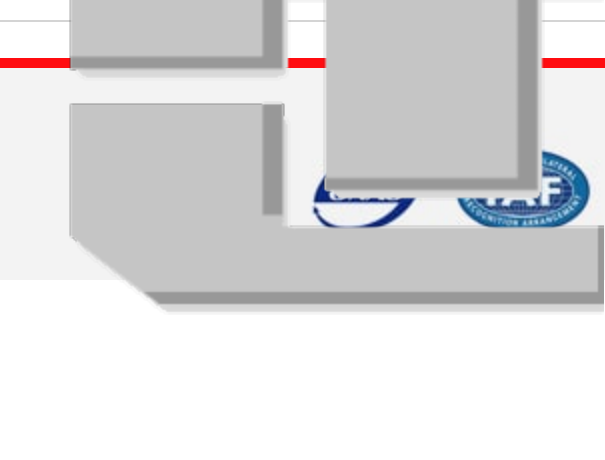
Specifications of MK22FN512CAP12R

PART NUMBER	MK22FN512CAP12R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 80WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	14864 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-WLCSP (4.13x3.56)
SPEED	120MHz
SERIES	Kinetis K20
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	80-UFBGA, WLCSP
OTHER NAMES	935311673098
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	52
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 80-WLCSP (4.13x3.56)
DATA CONVERTERS	A/D 2x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART, USB, USB OTG

Related Tags

MK22FN512CAP12R	MK22FN512CAP12R Distributor	MK22FN512CAP12R Supplier
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Related Products

	MK22FN512CBP12R Manufacturers: NXP Description: KINETIS K 32-BIT ARM CORTEX-M4 In stock: 12537 pcs RFQ		MK22FN512VDC12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 11523 pcs RFQ
	MK22FN256VLL12 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 12159 pcs RFQ		MK22FN256VDC12 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 9205 pcs RFQ
	MK22FN512VFX12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 88QFN In stock: 15733 pcs RFQ		MK22FN256CAP12R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80WLCSP In stock: 18411 pcs RFQ
	MK22FN512VLH12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 9943 pcs RFQ		MK22FN256VMP12 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64BGA In stock: 10758 pcs RFQ
	MK22FN256VLL12R Manufacturers: NXP Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: 20495 pcs RFQ		MK22FN512VFX12R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 88QFN In stock: 20264 pcs RFQ
	MK22FN512VDC12R Manufacturers: NXP Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: 19288 pcs RFQ		MK22FN256VLH12 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 12407 pcs RFQ

