

NXP Semiconductors / Freescale



MK22FN512VDC12R

Part Number:	MK22FN512VDC12R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	KINETIS K 32-BIT MCU ARM CORTEX
Datasheets:	
Stock Condition	19288 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

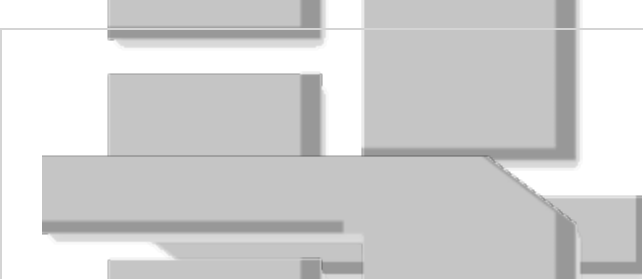
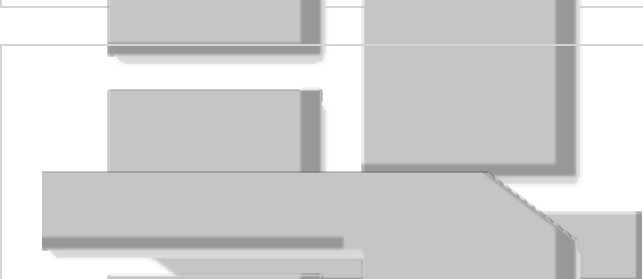
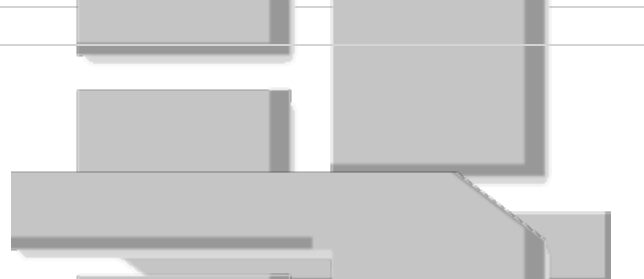
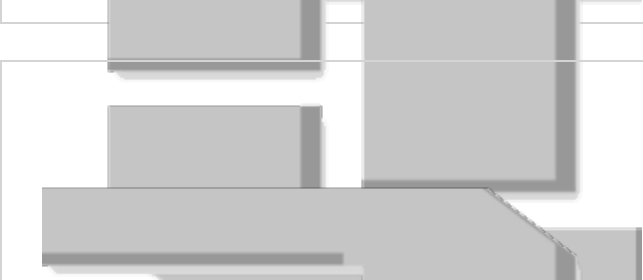
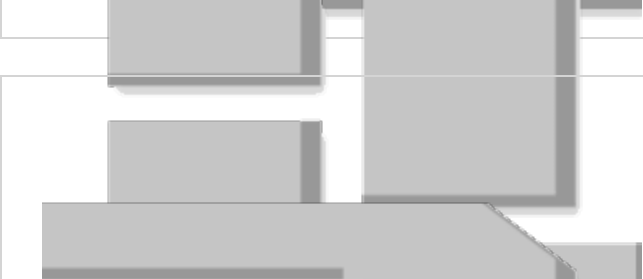
Specifications of MK22FN512VDC12R

PART NUMBER	MK22FN512VDC12R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	KINETIS K 32-BIT MCU ARM CORTEX
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	19288 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-BGA (8x8)
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	121-XFBGA
OTHER NAMES	935321978518
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	81
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 121-BGA (8x8)
DATA CONVERTERS	A/D 38x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART, USB, USB OTG

Related Tags

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	MK22FN512VFX12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 88QFN In stock: 15733 pcs RFQ		MK22FN512VFX12R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 88QFN In stock: 20264 pcs RFQ
	MK22FN512VLH12R Manufacturers: NXP Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: 20716 pcs RFQ		MK22FN512VLL12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 11431 pcs RFQ
	MK22FN512VLL12R Manufacturers: NXP Description: KINETIS K22: 120MHZ CORTEX-M4F P In stock: 15469 pcs RFQ		MK22FN256VLL12R Manufacturers: NXP Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: 20495 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
	MK22FN256VMP12 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64BGA In stock: 10758 pcs RFQ		MK22FN512VLH12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 9943 pcs RFQ
	MK22FN512CAP12R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80WLCSP In stock: 14864 pcs RFQ		MK22FN512CBP12R Manufacturers: NXP Description: KINETIS K 32-BIT ARM CORTEX-M4 In stock: 12537 pcs RFQ

