

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK22DN512VMC5

Part Number:	MK22DN512VMC5
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 121BGA
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	8807 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

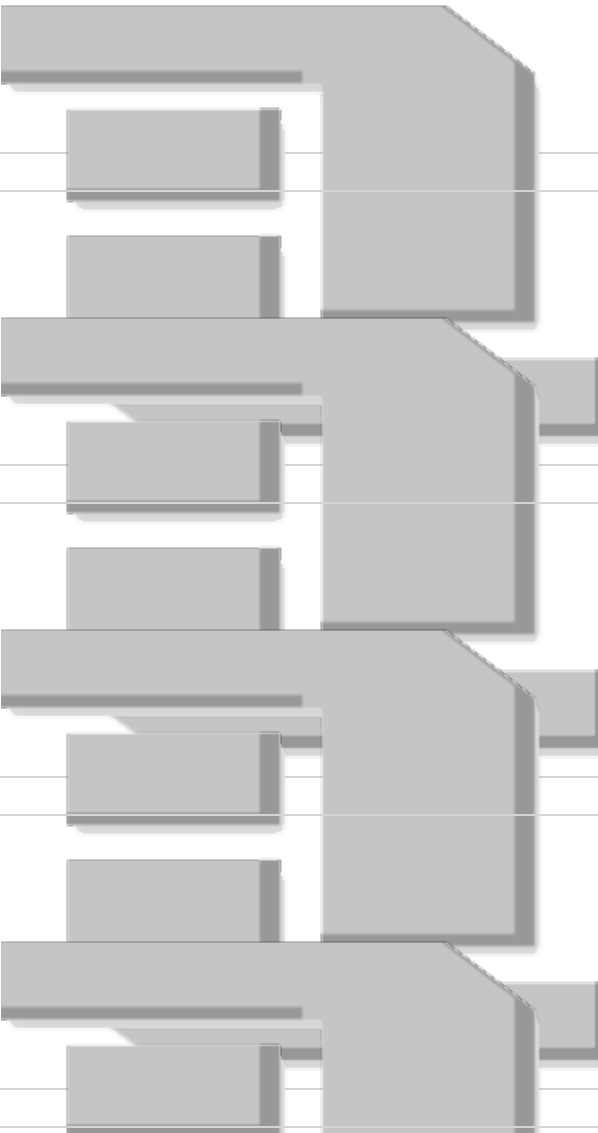
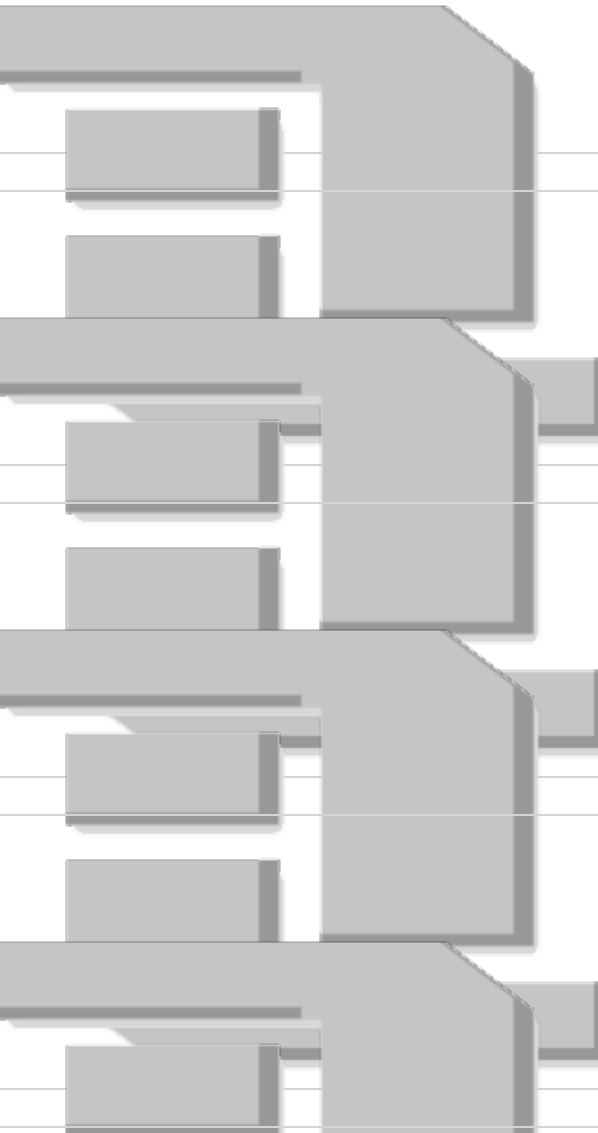
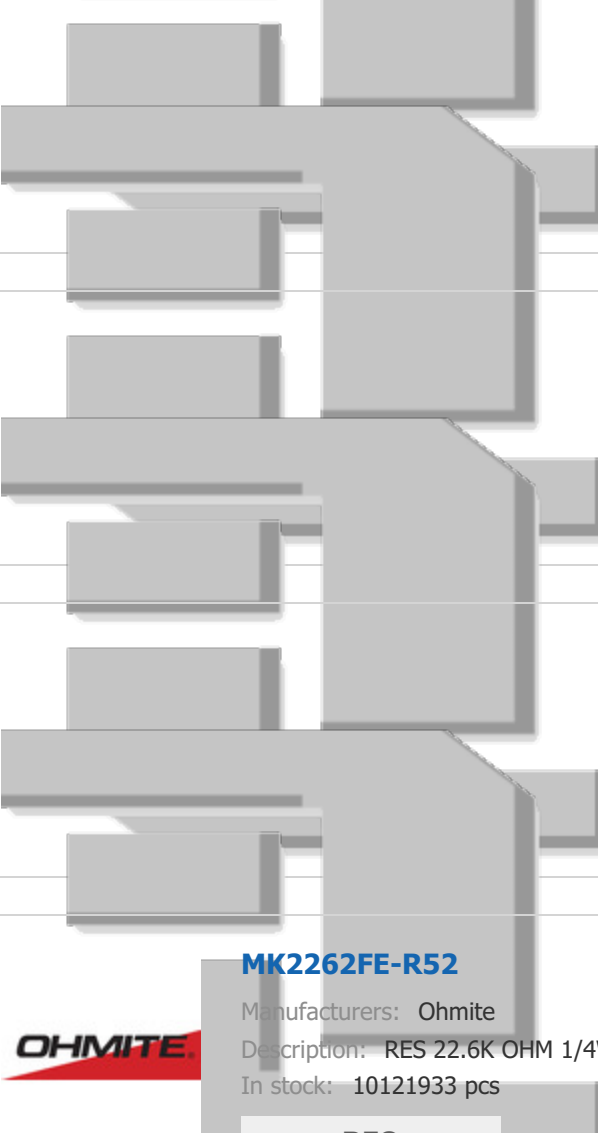
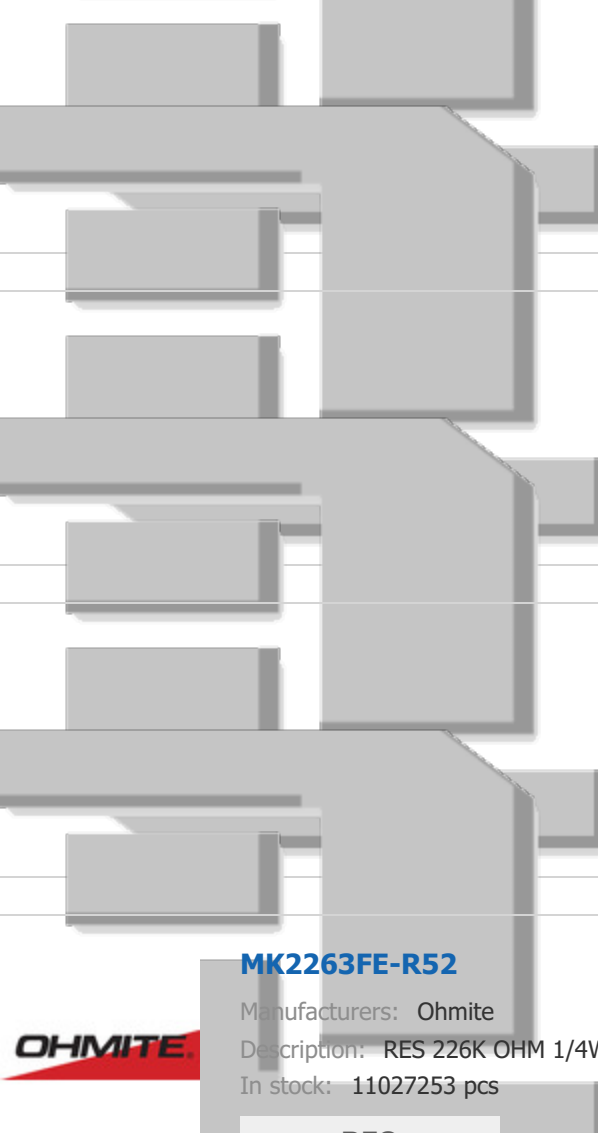
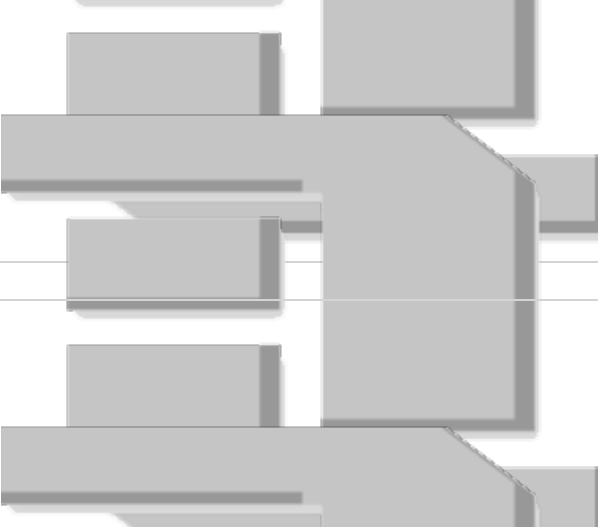
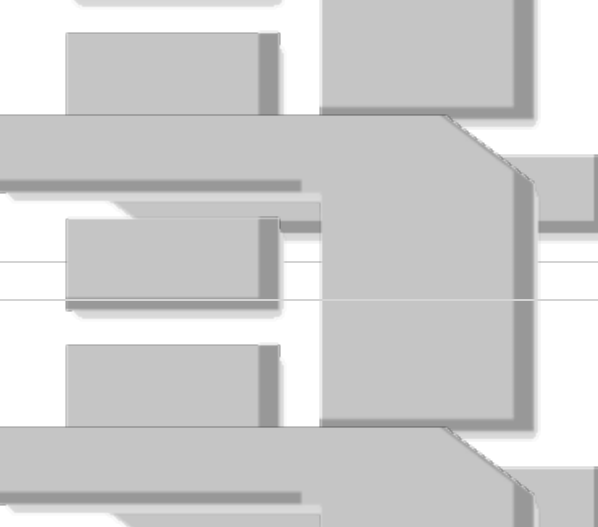
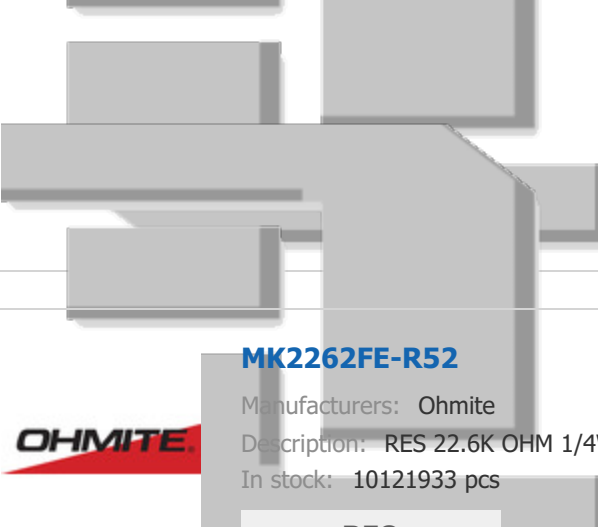
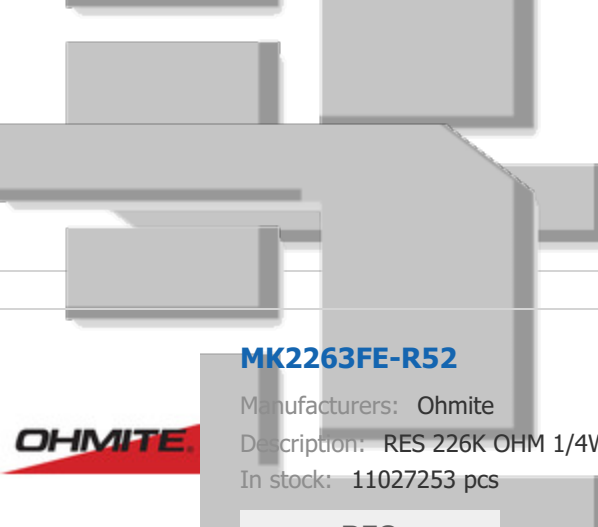
Specifications of MK22DN512VMC5

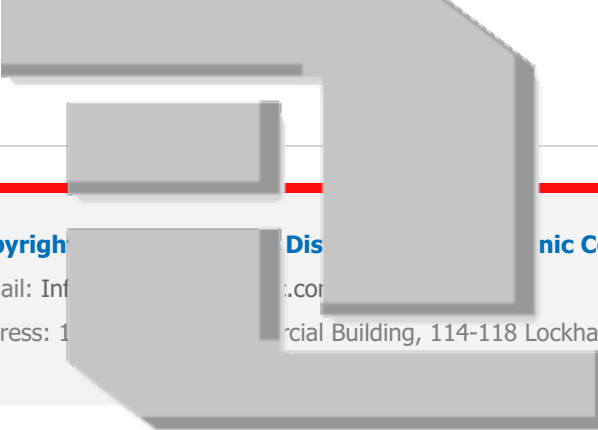
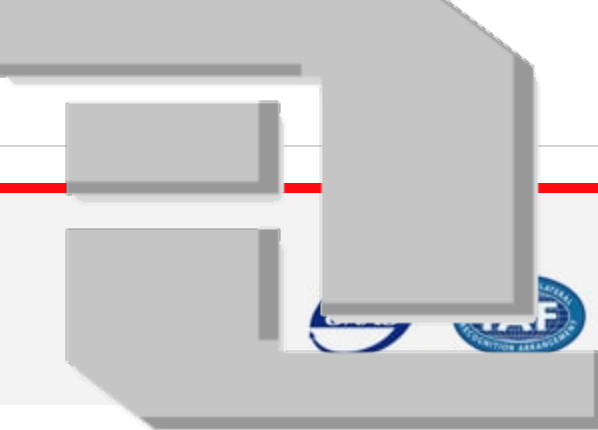
PART NUMBER	MK22DN512VMC5
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	8807 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	50MHz
SERIES	Kinetis K20
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	121-LFBGA
OTHER NAMES	935325698557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	56
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 20x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK22DN512

Related Tags

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Related Products

	MK22DX128VLF5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 13180 pcs RFQ		MK22DX128VLK5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 13218 pcs RFQ
	MK22DN512VLH5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 9616 pcs RFQ		MK22DN512VDC5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 121BGA In stock: 12768 pcs RFQ
	MK22DN512VDC5R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 18974 pcs RFQ		MK22DX128VMC5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 121BGA In stock: 11021 pcs RFQ
	MK22DX128VLH5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 14948 pcs RFQ		MK22DN512VLK5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 9733 pcs RFQ
	MK2262FE-R52 Manufacturers: Ohmite Description: RES 22.6K OHM 1/4W 1% AXIAL In stock: 10121933 pcs RFQ		MK2263FE-R52 Manufacturers: Ohmite Description: RES 226K OHM 1/4W 1% AXIAL In stock: 11027253 pcs RFQ

	MK22DX256VLH5 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 64LQFP In stock: 10933 pcs RFQ		MK22DX256VLF5 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: 10996 pcs RFQ
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