

NXP Semiconductors / Freescale



MK12DN512VLK5R

Part Number:	MK12DN512VLK5R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 80LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	21037 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

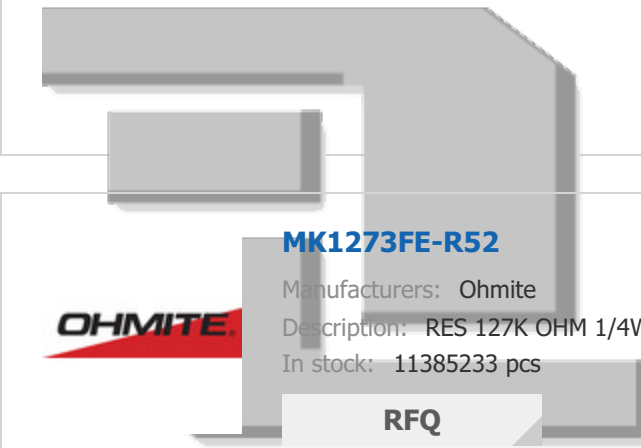
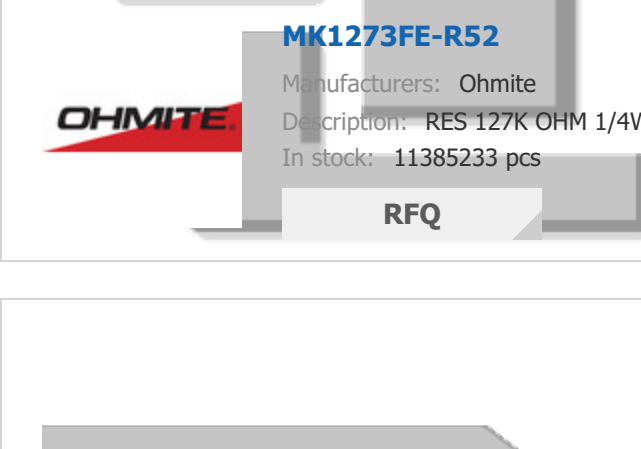
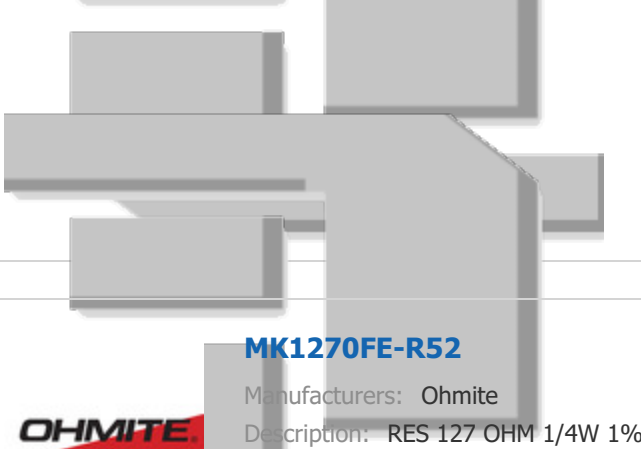
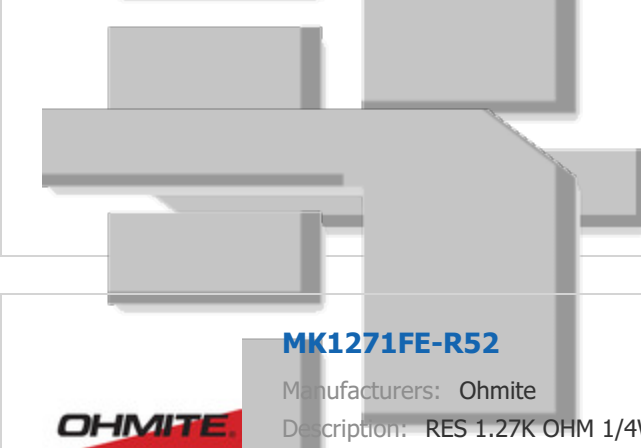
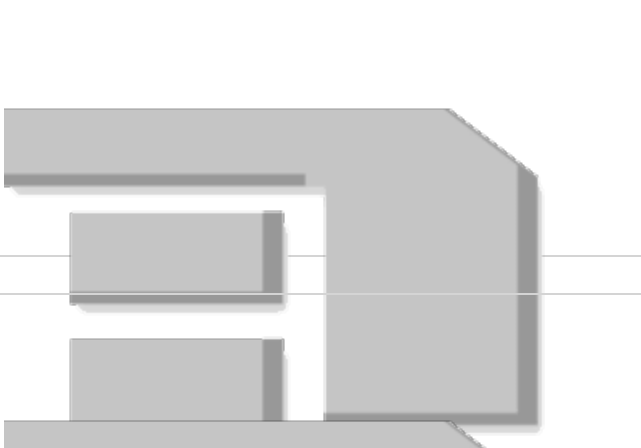
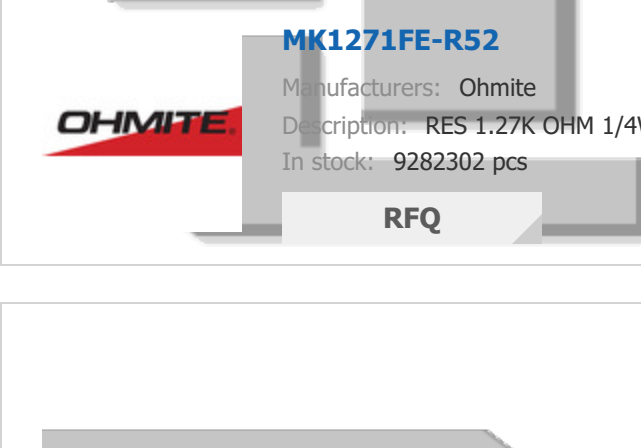
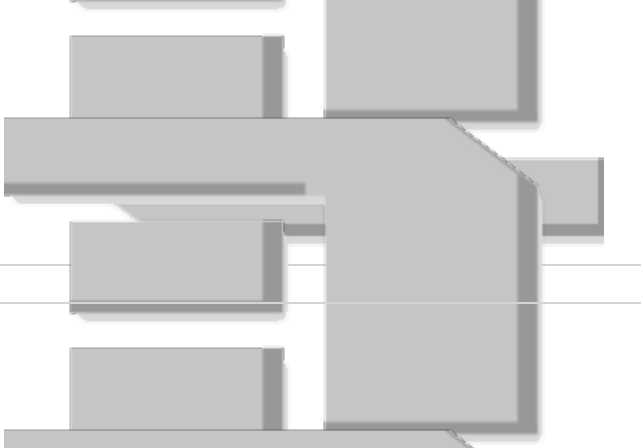
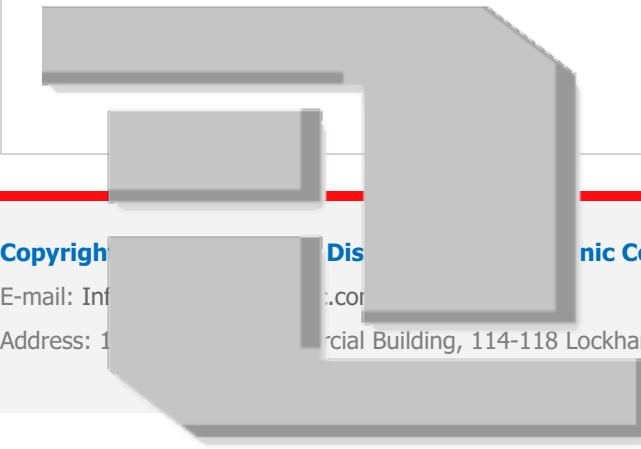
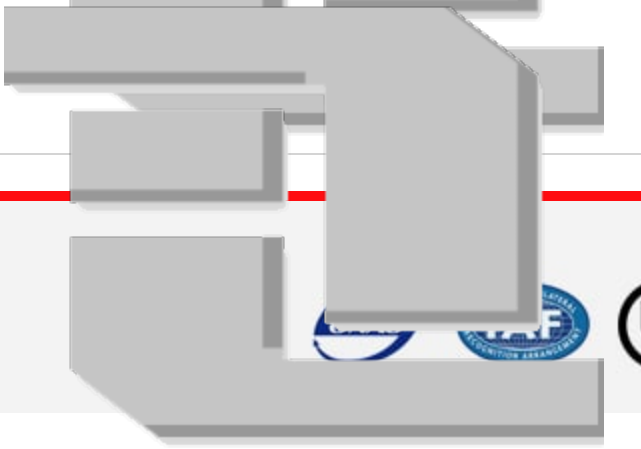
Specifications of MK12DN512VLK5R

PART NUMBER	MK12DN512VLK5R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	21037 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	50MHz
SERIES	Kinetis K10
RAM SIZE	64K 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-LQFP
OTHER NAMES	935319978528
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	60
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 24x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART

Related Tags

MK12DN512VLK5R	MK12DN512VLK5R Distributor	MK12DN512VLK5R Supplier
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MK12DN512VLK5R	Supplier	Distributor

Related Products

 MK12DX128VMC5 Manufacturers: NXP USA Description: IC MCU 32BIT 128KB FLASH 121BGA In stock: 15169 pcs RFQ	 MK12DX128VLK5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 12384 pcs RFQ
 MK1273FE-R52 Manufacturers: Ohmite Description: RES 127K OHM 1/4W 1% AXIAL In stock: 11385233 pcs RFQ	 MK12DX128VLH5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 16340 pcs RFQ
 MK12DN512VLK5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 12440 pcs RFQ	 MK1270FE-R52 Manufacturers: Ohmite Description: RES 127 OHM 1/4W 1% AXIAL In stock: 11451140 pcs RFQ
 MK12DN512VLH5R Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 17346 pcs RFQ	 MK12DN512VLH5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 64LQFP In stock: 13179 pcs RFQ
 MK1271FE-R52 Manufacturers: Ohmite Description: RES 1.27K OHM 1/4W 1% AXIAL In stock: 9282302 pcs RFQ	 MK12DX128VLF5 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 12997 pcs RFQ
 MK12DN512VMC5 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 10739 pcs RFQ	 MK12DX256VLF5 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 48LQFP In stock: 15061 pcs RFQ

