

NXP Semiconductors / Freescale



MK61FX512VMD12

Part Number:	MK61FX512VMD12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6195 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

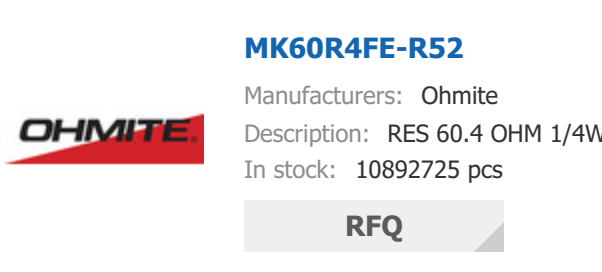
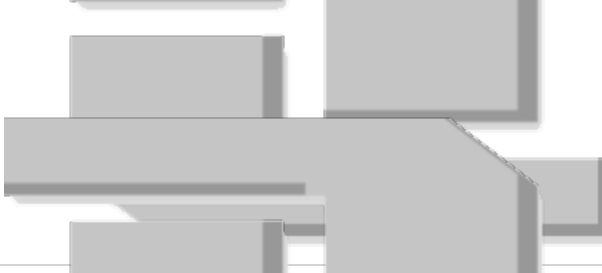
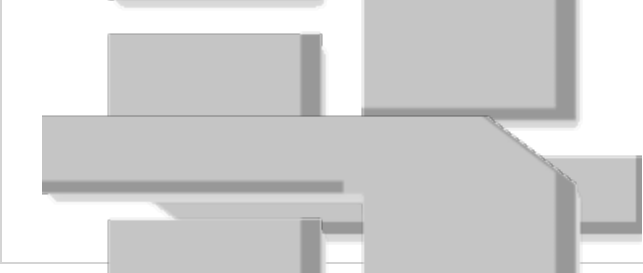
Specifications of MK61FX512VMD12

PART NUMBER	MK61FX512VMD12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6195 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	120MHz
SERIES	Kinetis K60
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OTHER NAMES	935324536557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	95
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	16K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 53x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK61FX512

Related Tags

MK61FX512VMD12	MK61FX512VMD12 Distributor	MK61FX512VMD12 Supplier
MK61FX512VMD12 Price	MK61FX512VMD12 Pictures	MK61FX512VMD12 Image
MK61FX512VMD12 PDF Datasheet	MK61FX512VMD12 Download Datasheet	MK61FX512VMD12 Datasheet
MK61FX512VMD12 Stock	Buy MK61FX512VMD12	Buy MK61FX512VMD12
MK61FX512VMD12	Supplier	Distributor

Related Products

	MK61FN1M0VMJ12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256MAPBGA In stock: 5162 pcs RFQ		MK60R4FE-R52 Manufacturers: Ohmite Description: RES 60.4 OHM 1/4W 1% AXIAL In stock: 10892725 pcs RFQ
	MK63FN1M0VMD12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 5256 pcs RFQ		MK63FN1M0VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5273 pcs RFQ
	MK61FX512VMJ12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256BGA In stock: 4926 pcs RFQ		MK63FN1M0VLQ12R Manufacturers: NXP Description: KINETIS K63: 120MHZ CORTEX-M4F M In stock: 9351 pcs RFQ
	MK61FN1M0VMD12 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 5588 pcs RFQ		MK61FN1M0VMJ15 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256MAPBGA In stock: 4928 pcs RFQ
	MK61FX512VMD15 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 5791 pcs RFQ		MK61FN1M0CAA12R Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 8884 pcs RFQ
	MK61FX512VMJ15 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256BGA In stock: 5331 pcs RFQ		MK61FN1M0VMD15 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 6180 pcs RFQ

