

NXP Semiconductors / Freescale

MK61FX512VMD15

Part Number:	MK61FX512VMD15
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	5791 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of MK61FX512VMD15

PART NUMBER	MK61FX512VMD15
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5791 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	150MHz
SERIES	Kinetis K60
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OTHER NAMES	935324555557
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 150MHz 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, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK61FX512

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	<p>MK63FN1M0VMD12</p> <p>Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 5256 pcs</p> <p>RFQ</p>		<p>MK61FX512VMJ12</p> <p>Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 256BGA In stock: 4926 pcs</p> <p>RFQ</p>
	<p>MK63FN1M0VLQ12</p> <p>Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 5273 pcs</p> <p>RFQ</p>		<p>MK61FN1M0VMJ12</p> <p>Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256MAPBGA In stock: 5162 pcs</p> <p>RFQ</p>
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	<p>MK61FN1M0VMJ15</p> <p>Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 256MAPBGA In stock: 4928 pcs</p> <p>RFQ</p>		<p>MK64FN1M0CAJ12R</p> <p>Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 142WLCSP In stock: 8588 pcs</p> <p>RFQ</p>
	<p>MK61FX512VMD12</p> <p>Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 6195 pcs</p> <p>RFQ</p>		<p>MK61FN1M0VMD12</p> <p>Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144MAPBGA In stock: 5588 pcs</p> <p>RFQ</p>