

MK61FX512VMJ15

Part Number:	MK61FX512VMJ15
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 256BGA
	PDF 1.MK61FX512VMJ15.pdf
	PDF 2.MK61FX512VMJ15.pdf
	PDF 3.MK61FX512VMJ15.pdf
	PDF 4.MK61FX512VMJ15.pdf
	PDF 5.MK61FX512VMJ15.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

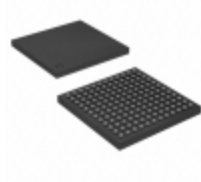
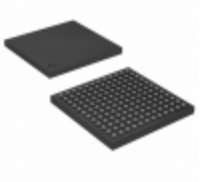
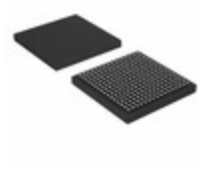
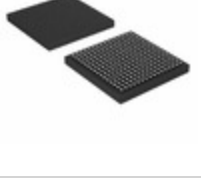
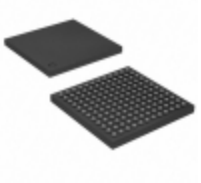
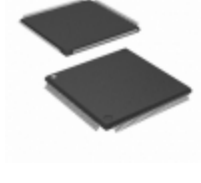
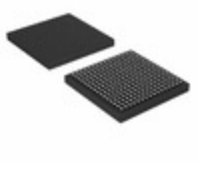
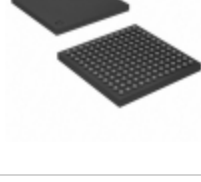
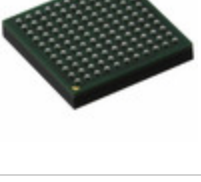
Specifications of MK61FX512VMJ15

PART NUMBER	MK61FX512VMJ15
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 256BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MK61FX512VMJ15.pdf PDF 2.MK61FX512VMJ15.pdf PDF 3.MK61FX512VMJ15.pdf PDF 4.MK61FX512VMJ15.pdf PDF 5.MK61FX512VMJ15.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	256-MAPPBGA (17x17)
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	256-LBGA
OTHER NAMES	935325667557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	128
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	13 Weeks
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 256-MAPPBGA (17x17)
DATA CONVERTERS	A/D 77x16b, 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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 MK61FN1M0VMJ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 256MAPBGA In stock: Out stock RFQ	 MK63FN1M0VLQ12R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS K63: 120MHZ CORTEX-M4F M In stock: Out stock RFQ
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