

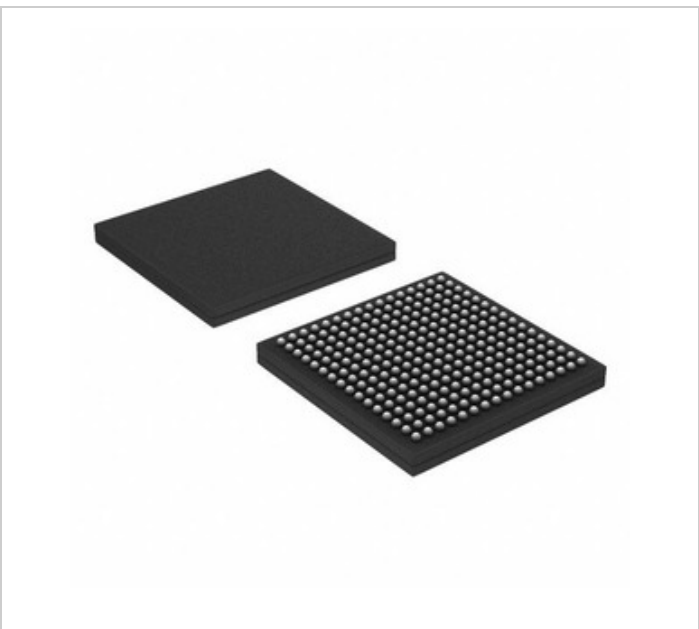


Image may be representation. See specifications for product details.

MK70FX512VMJ15

Part Number:	MK70FX512VMJ15
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 256BGA
	1.MK70FX512VMJ15.pdf
	2.MK70FX512VMJ15.pdf
	3.MK70FX512VMJ15.pdf
	4.MK70FX512VMJ15.pdf
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

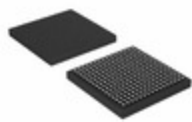
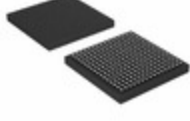
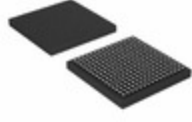
Specifications of MK70FX512VMJ15

PART NUMBER	MK70FX512VMJ15
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 256BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MK70FX512VMJ15.pdf 2.MK70FX512VMJ15.pdf 3.MK70FX512VMJ15.pdf 4.MK70FX512VMJ15.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	256-MAPPBGA (17x17)
SPEED	150MHz
SERIES	Kinetis K70
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	256-LBGA
OTHER NAMES	935317627557
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 K70 Microcontroller IC 32-Bit 150MHz 512KB (512K x 8) FLASH 256-MAPPBGA (17x17)
DATA CONVERTERS	A/D 71x16b. 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	MK70FX512

Related Tags

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Related Products

 MK70FN1M0VMJ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 1MB FLASH 256MAPBGA In stock: Out stock RFQ	 MK712RI Manufacturers: IDT (Integrated Device Technology) Description: IC SCREEN CNTRL 12BIT 28QSOP In stock: Out stock RFQ
 MK70FN1M0VMJ15R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS K70: 150MHZ CORTEX-M4F G In stock: Out stock RFQ	 MK70FX512VMJ12 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 256BGA In stock: 720 pcs RFQ
 MK70FN1M0VMJ12R Manufacturers: NXP Semiconductors / Freescale Description: KINETIS K70: 120MHZ CORTEX-M4F G In stock: Out stock RFQ	 MK712RLFTR Manufacturers: IDT (Integrated Device Technology) Description: IC SCREEN CNTRL 12BIT 28QSOP In stock: Out stock RFQ
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