

NXP Semiconductors / Freescale



MK65FX1M0CAC18R

Part Number:	MK65FX1M0CAC18R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 169WLCSP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	6701 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MK65FX1M0CAC18R

PART NUMBER	MK65FX1M0CAC18R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 169WLCSP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6701 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	169-WLCSP (5.5x5.63)
SPEED	180MHz
SERIES	Kinetis K60
RAM SIZE	256K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	169-UFBGA, WLCSP
OTHER NAMES	935320671051
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	116
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 180MHz 1MB (1M x 8) FLASH 169-WLCSP (5.5x5.63)
DATA CONVERTERS	A/D 2x16b, 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

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	MK64FX512VMD12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 7303 pcs RFQ		MK66FX1M0VLQ18 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 144LQFP In stock: 6110 pcs RFQ
	MK66FN2M0VLQ18R Manufacturers: NXP Description: KINETIS K66: 180MHZ CORTEX-M4F M In stock: 4847 pcs RFQ		MK66FN2M0VLQ18 Manufacturers: NXP Description: IC MCU 32BIT 2MB FLASH 144LQFP In stock: 4039 pcs RFQ
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	MK64FX512VLQ12 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 5640 pcs RFQ		MK65FN2M0CAC18R Manufacturers: NXP Description: IC MCU 32BIT 2MB FLASH 169WLCSP In stock: 6414 pcs RFQ
	MK65FN2M0VMI18R Manufacturers: NXP Description: KINETIS K65: 180MHZ CORTEX-M4F M In stock: 7286 pcs RFQ		MK65FX1M0VMI18 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 169MAPBGA In stock: 5597 pcs RFQ

