

NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

MK21FX512VMC12

Part Number:	MK21FX512VMC12
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 121BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	12225 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MK21FX512VMC12

PART NUMBER	MK21FX512VMC12
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 121BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	12225 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	121-MAPBGA (8x8)
SPEED	120MHz
SERIES	Kinetis K20
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	121-LFBGA
OTHER NAMES	935311781557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	64
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 120MHz 512KB (512K x 8) FLASH 121-MAPBGA (8x8)
DATA CONVERTERS	A/D 40x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK21FX512

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