

MK22FX512AVLQ12



Part Number: [MK22FX512AVLQ12](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 512KB FLASH 144LQFP

Data sheet:

RoHs Status: Lead free / RoHS Compliant

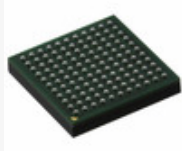
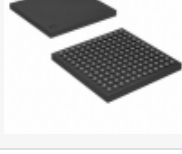
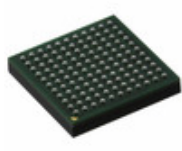
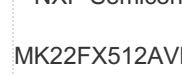
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PRODUCT PARAMETER			
Part Number	MK22FX512AVLQ12	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	11568 pcs	Data sheet	
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	120MHz
Series	Kinetis K20	RAM Size	64K 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-LQFP	Other Names	935323693557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	100	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	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 144-LQFP (20x20)
Data Converters	A/D 42x16b, D/A 2x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M4	Connectivity	CANbus, EBI/EMI, I ² C, IrDA, SPI, UART/USART, USB, USB OTG
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	Part#: MK22FN512VLL12R Description: KINETIS K22: 120MHZ CORTEX-M4F P	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK22FX512AVMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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