



Image may be representation. See specifications for product details.

MK12DX256VLF5

Part Number:	MK12DX256VLF5
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 48LQFP
	PDF 1.MK12DX256VLF5.pdf
	PDF 2.MK12DX256VLF5.pdf
	PDF 3.MK12DX256VLF5.pdf
	PDF 4.MK12DX256VLF5.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MK12DX256VLF5

PART NUMBER	MK12DX256VLF5
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MK12DX256VLF5.pdf
	PDF 2.MK12DX256VLF5.pdf
	PDF 3.MK12DX256VLF5.pdf
	PDF 4.MK12DX256VLF5.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-LQFP (7x7)
SPEED	50MHz
SERIES	Kinetis K10
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I²S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-LQFP
OTHER NAMES	568-13159 935323299557 MK12DX256VLF5-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	33
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	13 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 256KB (256K x 8) FLASH 48-LQFP (7x7)
DATA CONVERTERS	A/D 18x16b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I²C, IrDA, SPI, UART/USART
BASE PART NUMBER	MK12DX256

Related Tags

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 MK12DX256VLK5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 676 pcs RFQ	 MK12DX128VLH5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 10 pcs RFQ
 MK12DN512VLK5R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: Out stock RFQ	 MK12DX128VMC5 Manufacturers: NXP USA Inc. Description: IC MCU 32BIT 128KB FLASH 121BGA In stock: 348 pcs RFQ
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 MK12DX128VLK5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 480 pcs RFQ	 MK13-1A66B-500W Manufacturers: Standex-Meder Electronics Description: SENSOR REED SWITCH SPST-NO CABLE In stock: 479 pcs RFQ

