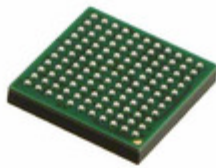


MK12DX128VMC5



Images are for reference only.
See Product Specifications for product details.
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Part Number: [MK12DX128VMC5](#)

Manufacturer: [NXP USA Inc.](#)

Description: IC MCU 32BIT 128KB FLASH 121BGA

Data sheet:  [K10 Family Brief](#)
 [K10 Family Fact Sheet](#)
 [1N89E Mask Errata](#)
 [K12_MC5 Datasheet](#)
 [K12_MC5 Ref Manual](#)

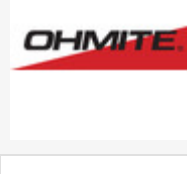
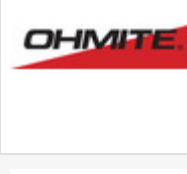
RoHS Status: Contains lead / RoHS non-compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MK12DX128VMC5	Manufacturer	NXP USA Inc.
Description	IC MCU 32BIT 128KB FLASH 121BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	21874 pcs	Data sheet	K10 Family Brief K10 Family Fact Sheet 1N89E Mask Errata K12_MC5 Datasheet K12_MC5 Ref Manual
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	FLASH
Voltage - Breakdown	121-MAPBGA (8x8)	Series	Kinetis K10
RoHS Status	Tray	Reverse Recovery Time (trr)	50MHz
Requires	DMA, I ² S, LVD, POR, PWM, WDT	Program Memory Type	128KB (128K x 8)
Program Memory Size	I ² C, IrDA, SPI, UART/USART	Polarization	121-LFBGA
Other Names	935317693557	Oscillator Type	A/D 24x16b, D/A 1x12b
Operating Temperature	-40°C ~ 105°C (TA)	Operating System	ARM® Cortex®-M4
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	10 Weeks
Manufacturer Part Number	MK12DX128VMC5	Expanded Description	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 121-MAPBGA (8x8)
Description	IC MCU 32BIT 128KB FLASH 121BGA	Data SRAM Bytes	4K x 8
Data Converters	1.71 V ~ 3.6 V	Core Size	32K x 8
Controller Series	Internal	Connectivity	32-Bit
Clock Rate	60		
Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 21874 pieces of NXP Semiconductors / Freescale MK12DX128VMC5 in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours. RFQ Email: info@Components-World.com			

RELATED PRODUCTS			
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	Part#: MK12DX128VLH5 Description: IC MCU 32BIT 128KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK12DX256VLH5 Description: IC MCU 32BIT 256KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK12DN512VLK5R Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK1271FE-R52 Description: RES 1.27K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK13-1C90C-500W Description: SENSOR REED SW SPDT WIRE LEADS	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK12DN512VMC5 Description: IC MCU 32BIT 512KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK12DN512VLH5R Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK12DN512VLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK12DX128VLK5 Description: IC MCU 32BIT 128KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK12R1FE-R52 Description: RES 12.1 OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK12DN512VLH5 Description: IC MCU 32BIT 512KB FLASH 64LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK13-1A66C-500W Description: SENSOR REED SWITCH SPST-NO CABLE	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK12DX256VLF5 Description: IC MCU 32BIT 256KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK12DX256VLK5 Description: IC MCU 32BIT 256KB FLASH 80LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK13-1A66B-500W Description: SENSOR REED SWITCH SPST-NO CABLE	Manufacturers: Standex-Meder Electronics	RFQ
	Part#: MK12DX256VMC5 Description: IC MCU 32BIT 256KB FLASH 121BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MK1273FE-R52 Description: RES 127K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK1301FE-R52 Description: RES 1.3K OHM 1/4W 1% AXIAL	Manufacturers: Ohmite	RFQ
	Part#: MK12DX128VLF5 Description: IC MCU 32BIT 128KB FLASH 48LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ

Related keywords for MK12DX128VMC5			
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RoHS

