

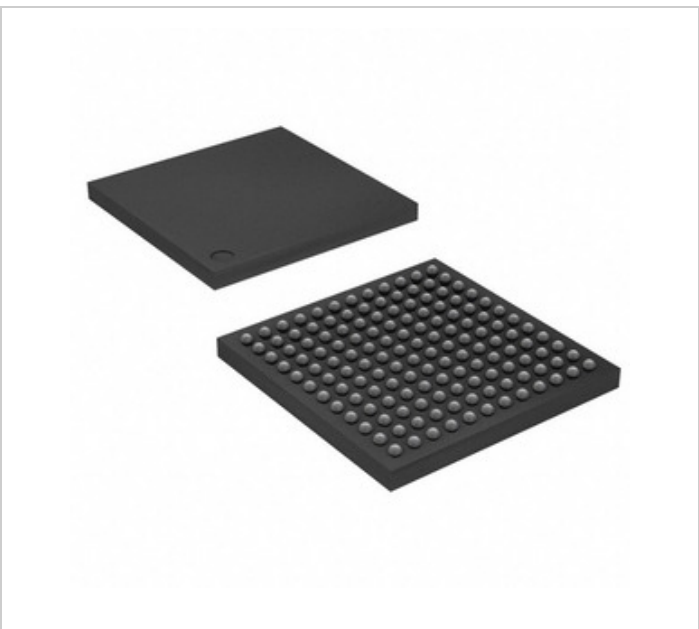


Image may be representation. See specifications for product details.

MK30DX256ZVMD10

Part Number:	MK30DX256ZVMD10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 256KB FLASH 144BGA  1.MK30DX256ZVMD10.pdf  2.MK30DX256ZVMD10.pdf  3.MK30DX256ZVMD10.pdf  4.MK30DX256ZVMD10.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

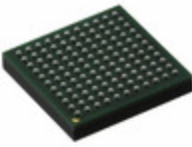
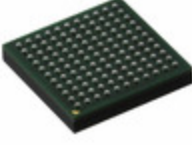
Specifications of MK30DX256ZVMD10

PART NUMBER	MK30DX256ZVMD10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 256KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MK30DX256ZVMD10.pdf  2.MK30DX256ZVMD10.pdf  3.MK30DX256ZVMD10.pdf  4.MK30DX256ZVMD10.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K30
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	256KB (256K x 8)
PERIPHERALS	DMA, I²S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	102
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	4K x 8
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K30 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 46x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART
BASE PART NUMBER	MK30DX256

Related Tags

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Related Products

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 MK30DX256VLL7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 90 pcs RFQ	 MK30DX64VMC7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 121BGA In stock: Out stock RFQ
 MK30DX64VLK7 Manufacturers: NXP USA Inc. Description: IC MCU 32BIT 64KB FLASH 80LQFP In stock: 121 pcs RFQ	 MK30DX64VMB7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 81MAPBGA In stock: Out stock RFQ
 MK30R1FE-R52 Manufacturers: Ohmite Description: RES 30.1 OHM 1/4W 1% AXIAL In stock: Out stock RFQ	 MK30DX64VLH7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: Out stock RFQ
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