



NXP Semiconductors / Freescale

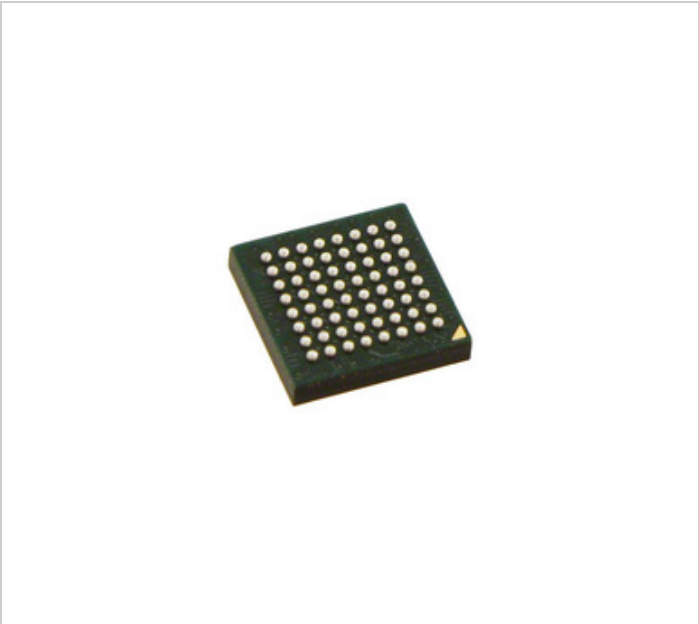


Image may be representation. See specifications for product details.

MK10DN64VMP5

Part Number:	MK10DN64VMP5
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 64KB FLASH 64MAPBGA
	 1.MK10DN64VMP5.pdf
	 2.MK10DN64VMP5.pdf
	 3.MK10DN64VMP5.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

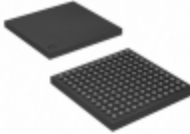
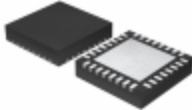
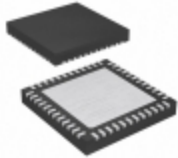
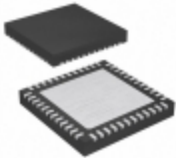
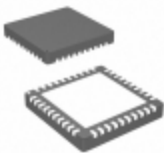
Specifications of MK10DN64VMP5

PART NUMBER	MK10DN64VMP5
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 64KB FLASH 64MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.MK10DN64VMP5.pdf  2.MK10DN64VMP5.pdf  3.MK10DN64VMP5.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-MAPBGA (5x5)
SPEED	50MHz
SERIES	Kinetis K10
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	64KB (64K x 8)
PERIPHERALS	DMA, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	64-LFBGA
OTHER NAMES	935311037557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	44
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 64KB (64K x 8) FLASH 64-MAPBGA (5x5)
DATA CONVERTERS	A/D 19x16b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, SPI, UART/USART
BASE PART NUMBER	MK10DN64

Related Tags

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Related Products

 MK10DN512ZVMC10R Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: Out stock RFQ	 MK10DN512ZVMD10 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ
 MK10DN64VFM5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 32QFN In stock: 490 pcs RFQ	 MK10DN64VLF5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 48LQFP In stock: 358 pcs RFQ
 MK10DX128VFT5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 48QFN In stock: 110 pcs RFQ	 MK10DN64VLH5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 64LQFP In stock: 320 pcs RFQ
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 MK10DX128VLH7 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: Out stock RFQ	 MK10DN64VFT5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 64KB FLASH 48QFN In stock: 60 pcs RFQ
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