




NXP Semiconductors / Freescale

## MK10DN128VLH5R

Part Number:	MK10DN128VLH5R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 128KB FLASH 64LQFP
	<a href="#">PDF</a> 1.MK10DN128VLH5R.pdf <a href="#">PDF</a> 2.MK10DN128VLH5R.pdf <a href="#">PDF</a> 3.MK10DN128VLH5R.pdf <a href="#">PDF</a> 4.MK10DN128VLH5R.pdf
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

### Specifications of MK10DN128VLH5R

PART NUMBER	MK10DN128VLH5R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 128KB FLASH 64LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">PDF</a> 1.MK10DN128VLH5R.pdf <a href="#">PDF</a> 2.MK10DN128VLH5R.pdf <a href="#">PDF</a> 3.MK10DN128VLH5R.pdf <a href="#">PDF</a> 4.MK10DN128VLH5R.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	64-LQFP (10x10)
SPEED	50MHz
SERIES	Kinetis K10
RAM SIZE	16K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	128KB (128K x 8)
PERIPHERALS	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	64-LQFP
OTHER NAMES	935321733528
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 128KB (128K x 8) FLASH 64-LQFP (10x10)
DATA CONVERTERS	A/D 19x16b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART
BASE PART NUMBER	MK10DN128

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 <p><b>MK10DN128VLF5</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC MCU 32BIT 128KB FLASH 48LQFP                  In stock: 250 pcs  <a href="#">RFQ</a></p>	 <p><b>MK10DN32VLF5</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC MCU 32BIT 32KB FLASH 48LQFP                  In stock: 56 pcs  <a href="#">RFQ</a></p>
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 <p><b>MK10DN32VFM5</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC MCU 32BIT 32KB FLASH 32QFN                  In stock: 489 pcs  <a href="#">RFQ</a></p>	 <p><b>MK10DN32VFT5</b>                  Manufacturers: NXP Semiconductors / Freescale                  Description: IC MCU 32BIT 32KB FLASH 48QFN                  In stock: 260 pcs  <a href="#">RFQ</a></p>