

NXP Semiconductors / Freescale

### MK10DN32VFT5

Part Number:	MK10DN32VFT5
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 32KB FLASH 48QFN
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	25027 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

#### Specifications of MK10DN32VFT5

PART NUMBER	MK10DN32VFT5
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 32KB FLASH 48QFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	25027 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	48-QFN-EP (7x7)
SPEED	50MHz
SERIES	Kinetis K10
RAM SIZE	8K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (32K x 8)
PERIPHERALS	DMA, I <sup>2</sup> S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	48-VFQFN Exposed Pad
OTHER NAMES	935317651557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	33
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 32KB (32K x 8) FLASH 48-QFN-EP (7x7)
DATA CONVERTERS	A/D 16x16b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I <sup>2</sup> C, IrDA, SPI, UART/USART
BASE PART NUMBER	MK10DN32

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	<p><b>MK10DN512VLK10R</b> Manufacturers: NXP Description: KINETIS K 32-BIT MCU ARM CORTEX In stock: 15688 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MK10DN32VLF5</b> Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 48LQFP In stock: 21394 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MK10DN32VLH5</b> Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 64LQFP In stock: 21306 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MK10DN128VLF5</b> Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 48LQFP In stock: 20323 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>MK10DN128VLH5</b> Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 14912 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MK10DN128VLH5R</b> Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 64LQFP In stock: 31296 pcs</p> <p><a href="#">RFQ</a></p>
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	<p><b>MK10DN32VFM5</b> Manufacturers: NXP Description: IC MCU 32BIT 32KB FLASH 32QFN In stock: 27059 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>MK10DN512VLK10</b> Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 9160 pcs</p> <p><a href="#">RFQ</a></p>