



Image may be representation. See specifications for product details.

MK12DN512VLK5

Part Number:	MK12DN512VLK5
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 80LQFP
	PDF 1.MK12DN512VLK5.pdf
	PDF 2.MK12DN512VLK5.pdf
	PDF 3.MK12DN512VLK5.pdf
	PDF 4.MK12DN512VLK5.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MK12DN512VLK5

PART NUMBER	MK12DN512VLK5
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 80LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MK12DN512VLK5.pdf PDF 2.MK12DN512VLK5.pdf PDF 3.MK12DN512VLK5.pdf PDF 4.MK12DN512VLK5.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	80-LQFP (12x12)
SPEED	50MHz
SERIES	Kinetis K10
RAM SIZE	64K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	80-LQFP
OTHER NAMES	935319978557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	60
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	13 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 80-LQFP (12x12)
DATA CONVERTERS	A/D 24x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	I ² C, IrDA, SPI, UART/USART
BASE PART NUMBER	MK12DN512

Related Tags

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 MK1270FE-R52 Manufacturers: Ohmite Description: RES 127 OHM 1/4W 1% AXIAL In stock: Out stock RFQ	 MK12DX128VLK5 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 80LQFP In stock: 480 pcs RFQ
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