

NXP Semiconductors / Freescale



MK53DN512ZCLQ10

Part Number:	MK53DN512ZCLQ10
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	6296 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

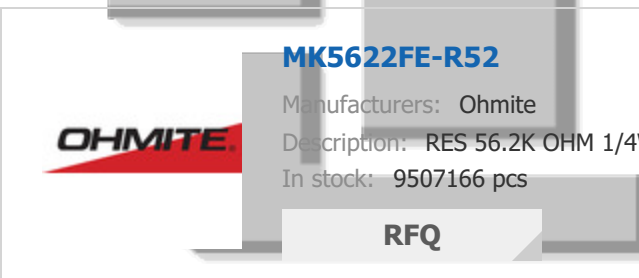
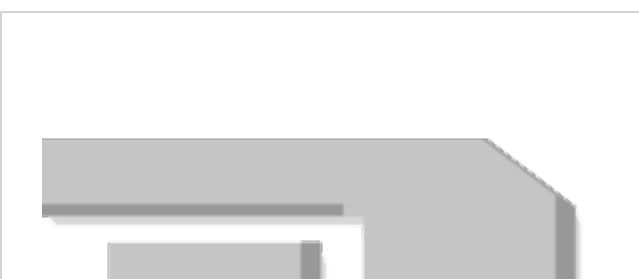
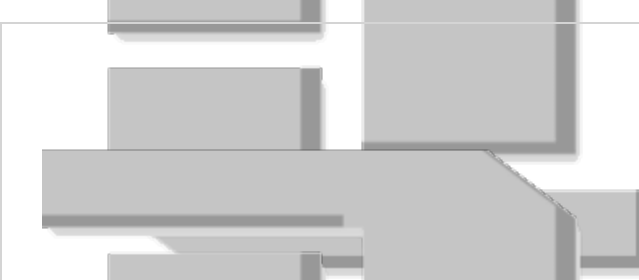
Specifications of MK53DN512ZCLQ10

PART NUMBER	MK53DN512ZCLQ10
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6296 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	100MHz
SERIES	Kinetis K50
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	935319842557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	94
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K50 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 41x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	MK53DN512

Related Tags

MK53DN512ZCLQ10	MK53DN512ZCLQ10 Distributor	MK53DN512ZCLQ10 Supplier
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Related Products

	MK53DN512ZCMD10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 9417 pcs RFQ		MK52DN512CMD10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 8039 pcs RFQ
	MK5622FE-R52 Manufacturers: Ohmite Description: RES 56.2K OHM 1/4W 1% AXIAL In stock: 9507166 pcs RFQ		MK53DX256CLQ10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 6836 pcs RFQ
	MK53DN512CLQ10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 6760 pcs RFQ		MK53DX256ZCLQ10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 8165 pcs RFQ
	MK53DX256CMD10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 7051 pcs RFQ		MK53DN512CMD10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 6713 pcs RFQ
	MK52DN512ZCLQ10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 7953 pcs RFQ		MK53DX256ZCMD10 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 6496 pcs RFQ
	MK52DN512CLQ10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 7407 pcs RFQ		MK52DN512ZCMD10 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 8460 pcs RFQ

