








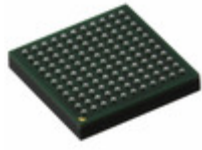


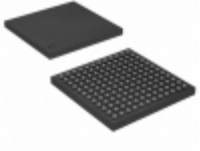


	<b>MK51DN512CLL10</b>
	<b>Manufacturer Part Number:</b> MK51DN512CLL10
 Not Actual Photo YIC International Co., Limited.	<b>Manufacturer/Brand:</b> NXP Semiconductors / Freescale
	<b>Part of Description:</b> IC MCU 32BIT 512KB FLASH 100LQFP
<b>Datasheets:</b>	 <a href="#">1.MK51DN512CLL10.pdf</a>
	 <a href="#">2.MK51DN512CLL10.pdf</a>
	 <a href="#">3.MK51DN512CLL10.pdf</a>
	 <a href="#">4.MK51DN512CLL10.pdf</a>
	 <a href="#">5.MK51DN512CLL10.pdf</a>
<b>RoHS Status:</b>  Lead free / RoHS	<b>Stock Condition:</b> Compliant New original, 2539 pcs Stock Available.
<b>Ship From:</b> Hong Kong	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

### Specifications

Part Number	MK51DN512CLL10
Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 512KB FLASH 100LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2539 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	100-LQFP (14x14)
Speed	100MHz
Series	Kinetis K50
RAM Size	128K x 8
Program Memory Type	FLASH
Program Memory Size	512KB (512K x 8)
Peripherals	DMA, I <sup>2</sup> S, LCD, LVD, POR, PWM, WDT
Packaging	Tray
Package / Case	100-LQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)
Number of I/O	59
EEPROM Size	-
Data Converters	A/D 35x16b, D/A 2x12b
Core Size	32-Bit
Core Processor	ARM® Cortex®-M4
Connectivity	I <sup>2</sup> C, IrDA, SD, SPI, UART/USART, USB, USB OTG

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