

NXP Semiconductors / Freescale

PK51N512CLQ100

Part Number:	PK51N512CLQ100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	5539 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION



Image may be representation. See specifications for product details.

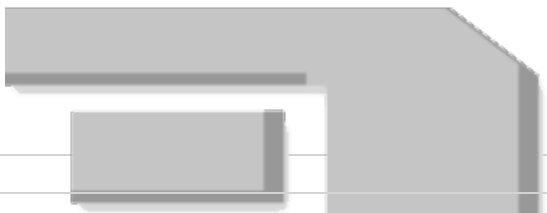
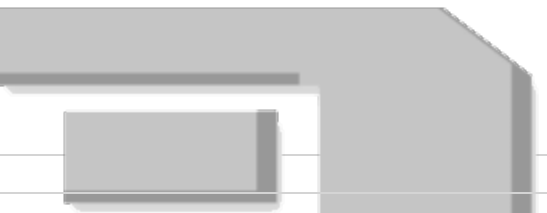
Specifications of PK51N512CLQ100

PART NUMBER	PK51N512CLQ100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	5539 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
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 25x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK51N512

Related Tags

PK51N512CLQ100	PK51N512CLQ100 Distributor	PK51N512CLQ100 Supplier
PK51N512CLQ100 Price	PK51N512CLQ100 Pictures	PK51N512CLQ100 Image
PK51N512CLQ100 PDF Datasheet	PK51N512CLQ100 Download Datasheet	PK51N512CLQ100 Datasheet
PK51N512CLQ100 Stock	Buy PK51N512CLQ100	Buy PK51N512CLQ100
PK51N512CLQ100	Supplier	Distributor

Related Products

 PK52N512CLQ100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 4661 pcs RFQ	 PK51N256CMD100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 4935 pcs RFQ
 PK51-T Manufacturers: N/A Description: KIT PRO DEVELOPER 1 YR LICENSE In stock: 80 pcs RFQ	 PK51X256CLL100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 2920 pcs RFQ
 PK51N256CLQ100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 3914 pcs RFQ	 PK51N512CLL100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 5303 pcs RFQ
 PK51-UD-LC Manufacturers: N/A Description: PK51 S&M RESTART LIC In stock: 91 pcs RFQ	 PK52N512CMD100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 3157 pcs RFQ
 PK51N512CMD100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 5002 pcs RFQ	 PK51-UF-LC Manufacturers: N/A Description: PK51 S&M RESTART (FLOATING) LIC In stock: 81 pcs RFQ
 PK51X256CLK100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 5368 pcs RFQ	 PK51-T-LC Manufacturers: N/A Description: PK51 1 YEAR TERM LC In stock: 75 pcs RFQ

