




NXP Semiconductors / Freescale

PK50N512CLQ100

Part Number:	PK50N512CLQ100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.












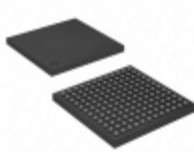
Specifications of PK50N512CLQ100

PART NUMBER	PK50N512CLQ100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
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, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	96
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, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK50N512

Related Tags

NXP Semiconductors / Freescale PK50N512CLQ100	PK50N512CLQ100 Distributor	PK50N512CLQ100 Supplier
PK50N512CLQ100 Price	PK50N512CLQ100 Pictures	PK50N512CLQ100 Image
PK50N512CLQ100 PDF Datasheet	PK50N512CLQ100 Download Datasheet	PK50N512CLQ100 Datasheet
PK50N512CLQ100 Stock	Buy PK50N512CLQ100	Buy NXP Semiconductors / Freescale PK50N512CLQ100
NXP Semiconductors / Freescale PK50N512CLQ100	NXP Semiconductors / Freescale Supplier	NXP Semiconductors / Freescale Distributor
NXP Semiconductors / Freescale PK50N512CLQ100	NXP Semiconductors PK50N512CLQ100	Freescale PK50N512CLQ100
Freescale Semiconductor - NXP PK50N512CLQ100	NXP USA Inc. PK50N512CLQ100	

Related Products

 <p>PK50N512CMC100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: Out stock RFQ</p>	 <p>PK50N512CLL100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: Out stock RFQ</p>
 <p>PK5-160S-T-4-GGF Manufacturers: 3M Description: CONN SOCKET 160POS .5MM STR SMD In stock: Out stock RFQ</p>	 <p>PK50B1/4 Manufacturers: Agastat Relays / TE Connectivity Description: KNOB KNURLED W/SKRT 0.250" PLAST In stock: Out stock RFQ</p>
 <p>PK5-160S-CLT-4-GGF Manufacturers: 3M Description: CONN SOCKET 160POS .5MM SMD In stock: Out stock RFQ</p>	 <p>PK50X256CLL100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: Out stock RFQ</p>
 <p>PK50X256CLK100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: Out stock RFQ</p>	 <p>PK50X256CMC100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: Out stock RFQ</p>
 <p>PK51 Manufacturers: ARM Description: KIT PROFESSIONAL DEVELOPER 8051 In stock: 5 pcs RFQ</p>	 <p>PK50B1/8 Manufacturers: Agastat Relays / TE Connectivity Description: KNOB KNURLED W/SKRT 0.126" PLAST In stock: Out stock RFQ</p>
 <p>PK500PT-1 Manufacturers: LeCroy (Teledyne LeCroy) Description: PRB TIP FOR D500PT 2/BG In stock: 3 pcs RFQ</p>	 <p>PK50N512CMD100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ</p>