

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
Stock Condition	3935 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

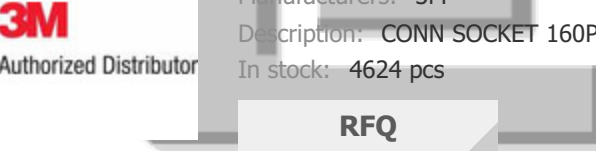
Specifications of PK50N512CLQ100

PART NUMBER	PK50N512CLQ100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3935 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, 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, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK50N512

Related Tags

PK50N512CLQ100	PK50N512CLQ100 Distributor	PK50N512CLQ100 Supplier
PK50N512CLQ100 Price	PK50N512CLQ100 Pictures	PK50N512CLQ100 Image
PK50N512CLQ100 PDF Datasheet	PK50N512CLQ100 Download Datasheet	PK50N512CLQ100 Datasheet
PK50N512CLQ100 Stock	Buy PK50N512CLQ100	Buy PK50N512CLQ100
PK50N512CLQ100	Supplier	Distributor

Related Products

 PK50B1/8 Manufacturers: Agastat Relays / TE Connectivity Description: KNOB KNURLED W/SKRT 0.126" PLAST In stock: 48921 pcs RFQ	 PK51 Manufacturers: N/A Description: KIT PROFESSIONAL DEVELOPER 8051 In stock: 25 pcs RFQ
 PK500PT-1 Manufacturers: LeCroy (Teledyne LeCroy) Description: PRB TIP FOR D500PT 2/BG In stock: 1656 pcs RFQ	 PK50X256CLL100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 3883 pcs RFQ
 PK50X256CLK100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 3575 pcs RFQ	 PK5-160S-T-4-GGF Manufacturers: 3M Description: CONN SOCKET 160POS .5MM STR SMD In stock: 4624 pcs RFQ
 PK50N512CLL100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 4098 pcs RFQ	 PK50N512CMD100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 4716 pcs RFQ
 PK5-160S-CLT-4-GGF Manufacturers: 3M Description: CONN SOCKET 160POS .5MM SMD In stock: 5659 pcs RFQ	 PK50X256CMC100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 5645 pcs RFQ
 PK50B1/4 Manufacturers: Agastat Relays / TE Connectivity Description: KNOB KNURLED W/SKRT 0.250" PLAST In stock: 42203 pcs RFQ	 PK50N512CMC100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 3928 pcs RFQ

