## PK51N512CLQ100 Information

| | |
|---|---|
| **Part Number** | PK51N512CLQ100 |
| **Manufacturer** | NXP |
| **Category** | Integrated Circuits (ICs) <br> Embedded - Microcontrollers |
| **Description** | IC MCU 32BIT 512KB FLASH 144LQFP |
| **Package** | 144-LQFP |

For Reference Only

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

## Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

## PK51N512CLQ100 Specifications

| | |
|---|---|
| Manufacturer Part Number | PK51N512CLQ100 |
| Manufacturer | NXP |
| Category | Integrated Circuits (ICs) |
| | Embedded - Microcontrollers |
| Package | 144-LQFP |
| Series | Kinetis K50 |
| Core Processor | ARM? Cortex?-M4 |
| Core Size | 32-Bit |
| Speed | 100MHz |
| Connectivity | EBI/EMI, I2C, IrDA, SD, SPI, UART/USART, USB, USB OTG |
| Peripherals | DMA, I2S, LCD, LVD, POR, PWM, WDT |
| Number of I/O | 94 |
| Program Memory Size | 512KB (512K x 8) |
| Program Memory Type | FLASH |
| EEPROM Size | - |
| RAM Size | 128K x 8 |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 3.6 V |
| Data Converters | A/D 25x16b, D/A 2x12b |
| Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 85°C (TA) |
| Mounting Type | - |
| Package / Case | 144-LQFP |
| Supplier Device Package | 144-LQFP (20x20) |

Report errors?

## PK51N512CLQ100 Guarantees

**Quality Guarantees**
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

**Service Guarantees**
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

## PK51N512CLQ100 Payment Methods

## PK51N512CLQ100 Shipping Methods

If you have any question about PK51N512CLQ100, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com