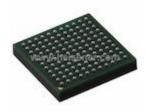




### MKL46Z256VMC4 Information



For Reference Only

Part Number MKL46Z256VMC4

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** IC MCU 32BIT 256KB FLASH 121BGA

Package 121-LFBGA

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.









### MKL46Z256VMC4 Specifications

| Manufacturer Part Number   | MKL46Z256VMC4  |                |
|----------------------------|--|----------------|
| Manufacturer               | NXP  |                |
| Category                   | Integrated Circuits (ICs)                            |                |
|                            | Embedded - Microcontrollers                          |                |
| Package                    | 121-LFBGA  |                |
| Series                     | Kinetis KL4  |                |
| Core Processor             | ARM? Cortex?-M0+                                     |                |
| Core Size                  | 32-Bit   |                |
| Speed                      | 48MHz  |                |
| Connectivity               | I2C, LIN, SPI, UART/USART, USB, USB OTG              |                |
| Peripherals                | Brown-out Detect/Reset, DMA, I2S, LVD, POR, PWM, WDT |                |
| Number of I/O              | 84   |                |
| Program Memory Size        | 256KB (256K x 8)                                     |                |
| Program Memory Type        | FLASH  |                |
| EEPROM Size                | -  |                |
| RAM Size                   | 32K x 8  |                |
| Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 3.6 V                                       |                |
| Data Converters            | A/D - 16bit, D/A - 12bit                             |                |
| Oscillator Type            | Internal   |                |
| Operating Temperature      | -40°C ~ 105°C (TA)                                   |                |
| Mounting Type              | -  |                |
| Package / Case             | 121-LFBGA  |                |
| Supplier Device Package    | 121-MAPBGA (8x8)                                     |                |
|                            |  | Report errors? |

#### MKL46Z256VMC4 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.

### MKL46Z256VMC4 Payment Methods





















# MKL46Z256VMC4 Shipping Methods













If you have any question about MKL46Z256VMC4, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com