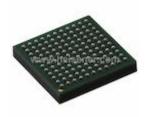


# MK21FN1M0AVMC12R

### MK21FN1M0AVMC12R Information



For Reference Only

Part Number MK21FN1M0AVMC12R

Manufacturer NXP

Category Integrated Circuits (ICs)

Embedded - Microcontrollers

**Description** KINETIS K 32-BIT MCU ARM CORTEX

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.









## MK21FN1M0AVMC12R Specifications

| Manufacturer Part Number   | MK21FN1M0AVMC12R  |               |
|----------------------------|---|---------------|
| Manufacturer               | NXP   |               |
| Category                   | Integrated Circuits (ICs)                                     |               |
|                            | Embedded - Microcontrollers                                   |               |
| Package                    | 121-LFBGA   |               |
| Series                     | Kinetis K20   |               |
| Core Processor             | ARM® Cortex®-M4   |               |
| Core Size                  | 32-Bit  |               |
| Speed                      | 120MHz  |               |
| Connectivity               | CANbus, I <sup>2</sup> C, IrDA, SPI, UART/USART, USB, USB OTG |               |
| Peripherals                | DMA, I2S, LVD, POR, PWM, WDT                                  |               |
| Number of I/O              | 81  |               |
| Program Memory Size        | 1MB (1M 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 40x16b, D/A 2x12b   |               |
| Oscillator Type            | Internal  |               |
| Operating Temperature      | -40°C ~ 105°C (TA)  |               |
| Mounting Type              | -   |               |
| Package / Case             | 121-LFBGA   |               |
| Supplier Device Package    | 121-MAPBGA (8x8)  |               |
|                            | Ro  | eport errors? |

### MK21FN1M0AVMC12R Guarantees



#### **Ouality 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.

## MK21FN1M0AVMC12R Payment Methods



















### MK21FN1M0AVMC12R Shipping Methods













If you have any question about MK21FN1M0AVMC12R, please do not hesitate to contact us!

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