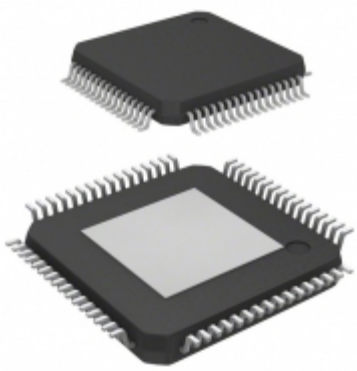


MKE06Z128VQH4



Part Number: [MKE06Z128VQH4](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 128KB FLASH 64QFP

Data sheet:  [MKE06Z Series](#)

RoHs Status: Lead free / RoHS Compliant

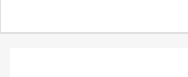
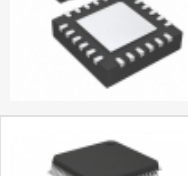
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                        |                                           |                                  |                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                              | MKE06Z128VQH4                             | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                                                      |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                              | IC MCU 32BIT 128KB FLASH 64QFP            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                          |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                       | 23616 pcs                                 | Data sheet                       | <a href="#">MKE06Z Series</a>                                                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                 | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply (Vcc/Vdd)       | 2.7 V ~ 5.5 V                                                                                       |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                  | 64-QFP (14x14)                            | Speed                            | 48MHz                                                                                               |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                   | Kinetis KE06                              | RAM Size                         | 16K x 8                                                                                             |
| Program Memory Type                                                                                                                                                                                                                                                                                                                                                                                                                      | FLASH                                     | Program Memory Size              | 128KB (128K x 8)                                                                                    |
| Peripherals                                                                                                                                                                                                                                                                                                                                                                                                                              | LVD, PWM, WDT                             | Packaging                        | Tray                                                                                                |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                           | 64-QFP                                    | Other Names                      | 935311249557                                                                                        |
| Oscillator Type                                                                                                                                                                                                                                                                                                                                                                                                                          | Internal                                  | Operating Temperature            | -40°C ~ 105°C (TA)                                                                                  |
| Number of I/O                                                                                                                                                                                                                                                                                                                                                                                                                            | 58                                        | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                       |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                          | 8 Weeks                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                          |
| EEPROM Size                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Detailed Description             | ARM® Cortex®-M0+ Kinetis KE06 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 64-QFP (14x14) |
| Data Converters                                                                                                                                                                                                                                                                                                                                                                                                                          | A/D 16x12b, D/A 2x6b                      | Core Size                        | 32-Bit                                                                                              |
| Core Processor                                                                                                                                                                                                                                                                                                                                                                                                                           | ARM® Cortex®-M0+                          | Connectivity                     | CANbus, I²C, SPI, UART/USART                                                                        |
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|  | Part#: <a href="#">MKE14F256VLH16</a><br>Description: KINETIS KE14F: 160MHZ CORTEX-M4F  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE06Z64VLD4</a><br>Description: IC MCU 32BIT 64KB FLASH 44LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE04Z8VWJ4R</a><br>Description: KINETIS KE04: 48MHZ CORTEX-M0+ 5    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE04Z8VWJ4</a><br>Description: IC MCU 32BIT 8KB FLASH 20SOIC        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE06Z64VLK4</a><br>Description: IC MCU 32BIT 64KB FLASH 80LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE04Z8VTG4</a><br>Description: IC MCU 32BIT 8KB FLASH 16SOP         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE14F512VLL16</a><br>Description: IC MCU 32BIT 512KB FLASH 100LQFP  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE14F512VLL16R</a><br>Description: KINETIS KE14F: 160MHZ CORTEX-M4F | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE04Z8VFK4</a><br>Description: IC MCU 32BIT 8KB FLASH 24QFN         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE06Z64VQH4</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE11R600DCGFC</a><br>Description: MOSFET N-CH 600V 15A I4-PAC       | Manufacturers: <a href="#">IXYS Corporation</a>               | <div>RFQ</div> |
|  | Part#: <a href="#">MKE04Z8VFK4R</a><br>Description: KINETIS KE04: 48MHZ CORTEX-M0+ 5    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE06Z128VLD4</a><br>Description: IC MCU 32BIT 128KB FLASH 44QFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE06Z128VLK4</a><br>Description: IC MCU 32BIT 128KB FLASH 80LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE06Z64VLH4</a><br>Description: IC MCU 32BIT 64KB FLASH 64LQFP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MKE14F512VLH16</a><br>Description: KINETIS KE14F: 160MHZ CORTEX-M4F  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
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