



NXP Semiconductors / Freescale



MKL15Z128CAD4R

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MKL15Z128CAD4R                                                                                                       |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                       |
| Product description | IC MCU 32BIT 128KB FLASH 35WLCSP                                                                                     |
| Datasheets:         |  <a href="#">MKL15Z128CAD4R.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant         |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

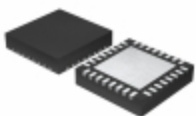
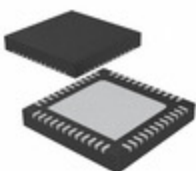
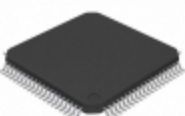
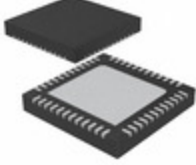
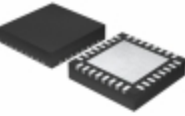
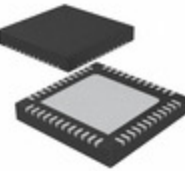
Specifications of MKL15Z128CAD4R

|                                  |                                                                                                                        |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MKL15Z128CAD4R                                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 35WLCSP                                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| DATA SHEET                       |  <a href="#">MKL15Z128CAD4R.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 35-WLCSP (2.53x2.98)                                                                                                   |
| SPEED                            | 48MHz                                                                                                                  |
| SERIES                           | Kinetis KL1                                                                                                            |
| RAM SIZE                         | 16K x 8                                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                                  |
| PROGRAM MEMORY SIZE              | 128KB (128K x 8)                                                                                                       |
| PERIPHERALS                      | Brown-out Detect/Reset, DMA, LVD, POR, PWM, WDT                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                                       |
| PACKAGE / CASE                   | 35-UFBGA, WLCSP                                                                                                        |
| OTHER NAMES                      | 935322133052                                                                                                           |
| OSCILLATOR TYPE                  | Internal                                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 85°C (TA)                                                                                                      |
| NUMBER OF I/O                    | 31                                                                                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                             |
| EEPROM SIZE                      | -                                                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M0+ Kinetis KL1 Microcontroller IC 32-Bit 48MHz 128KB (128K x 8) FLASH 35-WLCSP (2.53x2.98)               |
| DATA CONVERTERS                  | A/D 9x16b, D/A 1x12b                                                                                                   |
| CORE SIZE                        | 32-Bit                                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M0+                                                                                                       |
| CONNECTIVITY                     | I²C, LINbus, SPI, TSI, UART/USART                                                                                      |

Related Tags

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| Freescale Semiconductor - NXP MKL15Z128CAD4R  | NXP USA Inc. MKL15Z128CAD4R             |                                                   |

Related Products

|                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>MKL14Z64VFM4R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>   | <div></div> <div><b>MKL15Z128VFM4R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS KL15: 48MHZ CORTEX-M0+ U<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>MKL14Z64VFT4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 48QFN<br/>In stock: 260 pcs<br/><div>RFQ</div></div>      | <div></div> <div><b>MKL15Z128VLK4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 314 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>MKL15Z128VFT4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 48QFN<br/>In stock: 520 pcs<br/><div>RFQ</div></div>    | <div></div> <div><b>MKL15Z128VFM4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 32QFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    |
| <div></div> <div><b>MKL15Z128VLH4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>MKL14Z64VFT4R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: KINETIS KL14: 48MHZ CORTEX-M0+ U<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MKL14Z64VLH4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br/>In stock: 320 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MKL15Z128VLH4R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>  |
| <div></div> <div><b>MKL14Z64VLK4</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 80LQFP<br/>In stock: 192 pcs<br/><div>RFQ</div></div>     | <div></div> <div><b>MKL14Z64VLK4R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 64KB FLASH 80LQFP<br/>In stock: Out stock<br/><div>RFQ</div></div>    |