



NXP USA Inc.

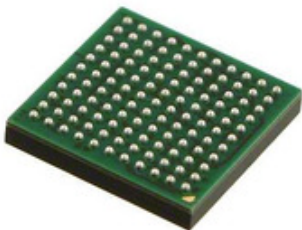


Image may be representation. See specifications for product details.

MK12DX128VMC5

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK12DX128VMC5                                                                                                        |
| Manufacturer/Brand: | Navman Wireless (Telit Wireless Solutions)                                                                           |
| Product description | IC MCU 32BIT 128KB FLASH 121BGA                                                                                      |
|                     | <a href="#">1.MK12DX128VMC5.pdf</a>                                                                                  |
|                     | <a href="#">2.MK12DX128VMC5.pdf</a>                                                                                  |
|                     | <a href="#">3.MK12DX128VMC5.pdf</a>                                                                                  |
|                     | <a href="#">4.MK12DX128VMC5.pdf</a>                                                                                  |
|                     | <a href="#">5.MK12DX128VMC5.pdf</a>                                                                                  |
| Datasheets:         |                                                                                                                      |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

Specifications of MK12DX128VMC5

|                                  |                                                                                                                                                                                                 |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK12DX128VMC5                                                                                                                                                                                   |
| MANUFACTURER                     | NXP USA Inc.                                                                                                                                                                                    |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 121BGA                                                                                                                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                                                                                                                              |
| DATA SHEET                       | <a href="#">1.MK12DX128VMC5.pdf</a><br><a href="#">2.MK12DX128VMC5.pdf</a><br><a href="#">3.MK12DX128VMC5.pdf</a><br><a href="#">4.MK12DX128VMC5.pdf</a><br><a href="#">5.MK12DX128VMC5.pdf</a> |
| VOLTAGE - SUPPLY (VCC/VDD)       | FLASH                                                                                                                                                                                           |
| VOLTAGE - BREAKDOWN              | 121-MAPBGA (8x8)                                                                                                                                                                                |
| SERIES                           | Kinetis K10                                                                                                                                                                                     |
| ROHS STATUS                      | Tray                                                                                                                                                                                            |
| REVERSE RECOVERY TIME (TRR)      | 50MHz                                                                                                                                                                                           |
| REQUIRES                         | DMA, I²S, LVD, POR, PWM, WDT                                                                                                                                                                    |
| PROGRAM MEMORY TYPE              | 128KB (128K x 8)                                                                                                                                                                                |
| PROGRAM MEMORY SIZE              | I²C, IrDA, SPI, UART/USART                                                                                                                                                                      |
| POLARIZATION                     | 121-LFBGA                                                                                                                                                                                       |
| OTHER NAMES                      | 935317693557                                                                                                                                                                                    |
| OSCILLATOR TYPE                  | A/D 24x16b, D/A 1x12b                                                                                                                                                                           |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                                                                                                              |
| OPERATING SYSTEM                 | ARM® Cortex®-M4                                                                                                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                   |
| MANUFACTURER STANDARD LEAD TIME  | 10 Weeks                                                                                                                                                                                        |
| MANUFACTURER PART NUMBER         | MK12DX128VMC5                                                                                                                                                                                   |
| EXPANDED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 50MHz 128KB (128K x 8) FLASH 121-MAPBGA (8x8)                                                                                             |
| DESCRIPTION                      | IC MCU 32BIT 128KB FLASH 121BGA                                                                                                                                                                 |
| DATA SRAM BYTES                  | 4K x 8                                                                                                                                                                                          |
| DATA CONVERTERS                  | 1.71 V ~ 3.6 V                                                                                                                                                                                  |
| CORE SIZE                        | 32K x 8                                                                                                                                                                                         |
| CONTROLLER SERIES                | Internal                                                                                                                                                                                        |
| CONNECTIVITY                     | 32-Bit                                                                                                                                                                                          |
| CLOCK RATE                       | 60                                                                                                                                                                                              |

Related Tags

|                                                          |                                                          |                                                              |
|----------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------------|
| Navman Wireless (Telit Wireless Solutions) MK12DX128VMC5 | MK12DX128VMC5 Distributor                                | MK12DX128VMC5 Supplier                                       |
| MK12DX128VMC5 Price                                      | MK12DX128VMC5 Pictures                                   | MK12DX128VMC5 Image                                          |
| MK12DX128VMC5 PDF Datasheet                              | MK12DX128VMC5 Download Datasheet                         | MK12DX128VMC5 Datasheet                                      |
| MK12DX128VMC5 Stock                                      | Buy MK12DX128VMC5                                        | Buy Navman Wireless (Telit Wireless Solutions) MK12DX128VMC5 |
| Navman Wireless (Telit Wireless Solutions) MK12DX128VMC5 | Navman Wireless (Telit Wireless Solutions) Supplier      | Navman Wireless (Telit Wireless Solutions) Distributor       |
| Navman Wireless (Telit Wireless Solutions) MK12DX128VMC5 | Navman Wireless (Telit Wireless Solutions) MK12DX128VMC5 | Telit Wireless Solutions MK12DX128VMC5                       |
| Telit Wireless Solutions, Inc. MK12DX128VMC5             | Telit MK12DX128VMC5                                      |                                                              |

Related Products

|                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>MK12DX256VLH5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 64LQFP<br/>In stock: 317 pcs<br/>RFQ</div>    |  <div><b>MK12DN512VLK5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br/>In stock: 96 pcs<br/>RFQ</div>  |
|  <div><b>MK13-1A66B-500W</b><br/>Manufacturers: Standex-Meder Electronics<br/>Description: SENSOR REED SWITCH SPST-NO CABLE<br/>In stock: 479 pcs<br/>RFQ</div>      |  <div><b>MK12DX256VLK5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 80LQFP<br/>In stock: 676 pcs<br/>RFQ</div> |
|  <div><b>MK12DN512VLK5R</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 80LQFP<br/>In stock: Out stock<br/>RFQ</div> |  <div><b>MK12DX128VLK5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 80LQFP<br/>In stock: 480 pcs<br/>RFQ</div> |
|  <div><b>MK12R1FE-R52</b><br/>Manufacturers: Ohmite<br/>Description: RES 12.1 OHM 1/4W 1% AXIAL<br/>In stock: Out stock<br/>RFQ</div>                                |  <div><b>MK12DX128VLH5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 64LQFP<br/>In stock: 10 pcs<br/>RFQ</div>  |
|  <div><b>MK12DX256VLF5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 48LQFP<br/>In stock: 250 pcs<br/>RFQ</div>    |  <div><b>MK12DX256VMC5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 256KB FLASH 121BGA<br/>In stock: 348 pcs<br/>RFQ</div> |
|  <div><b>MK12DX128VLF5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 128KB FLASH 48LQFP<br/>In stock: 4 pcs<br/>RFQ</div>      |  <div><b>MK12DN512VMC5</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MCU 32BIT 512KB FLASH 121BGA<br/>In stock: 348 pcs<br/>RFQ</div> |

