

PK22DN512VLH5



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Part Number: [PK22DN512VLH5](#)
Manufacturer: [NXP Semiconductors / Freescale](#)
Description: IC MCU 32BIT 512KB FLASH 64LQFP
Data sheet: [840F-02 Pkg Drawing](#)
[K22_LH5 Ref Manual](#)
[K2x USB MCU Family Fact Sheet](#)
[K22_LH5 Datasheet](#)
[1N89E Mask Errata](#)

RoHS Status: Lead free / RoHS Compliant
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PRODUCT PARAMETER

| | | | |
|---|---|---------------------------------------|--|
| Part Number | PK22DN512VLH5 | Manufacturer | NXP Semiconductors / Freescale |
| Description | IC MCU 32BIT 512KB FLASH 64LQFP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Quantity Available | 10645 pcs | Data sheet | 840F-02 Pkg Drawing K22_LH5 Ref Manual K2x USB MCU Family Fact Sheet K22_LH5 Datasheet 1N89E Mask Errata |
| Category | Integrated Circuits (ICs) | Voltage - Supply (Vcc/Vdd) | 1.71 V ~ 3.6 V |
| Supplier Device Package | 64-LQFP (10x10) | Speed | 50MHz |
| Series | Kinetis K20 | RAM Size | 64K x 8 |
| Program Memory Type | FLASH | Program Memory Size | 512KB (512K x 8) |
| Peripherals | DMA, I ² S, LVD, POR, PWM, WDT | Packaging | Tray |
| Package / Case | 64-LQFP | Oscillator Type | Internal |
| Operating Temperature | -40°C ~ 105°C (TA) | Number of I/O | 40 |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours) | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| EEPROM Size | - | Detailed Description | ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 512KB (512K x 8) FLASH 64-LQFP (10x10) |
| Data Converters | A/D 18x16b, D/A 1x12b | Core Size | 32-Bit |
| Core Processor | ARM® Cortex®-M4 | Connectivity | I ² C, IrDA, SPI, UART/USART, USB, USB OTG |
| Base Part Number | PK22DN512 | | |

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| | Part#: PK20N512VLK100 Description: IC MCU 32BIT 512KB FLASH 80LQFP | Manufacturers: NXP Semiconductors / Freescale | RFQ |
| | Part#: PK2-5MM-102 Description: PROBE STD GRD LEAD | Manufacturers: LeCroy (Teledyne LeCroy) | RFQ |
| | Part#: PK20FX512VLQ12 Description: IC MCU 32BIT 512KB FLASH 144LQFP | Manufacturers: NXP Semiconductors / Freescale | RFQ |
| | Part#: PK25-D5-S12 Description: DC DC CONVERTER 12V 25W | Manufacturers: CUI, Inc. | RFQ |
| | Part#: PK20X256VMD100 Description: IC MCU 32BIT 256KB FLASH 144BGA | Manufacturers: NXP Semiconductors / Freescale | RFQ |
| | Part#: PK20X128VMD100 Description: IC MCU 32BIT 128KB FLASH 144BGA | Manufacturers: NXP Semiconductors / Freescale | RFQ |
| | Part#: PK20FX512VMD12 Description: IC MCU 32BIT 512KB FLASH 144BGA | Manufacturers: NXP Semiconductors / Freescale | RFQ |
| | Part#: PK25-D5-D12 Description: DC DC CONVERTER +/-12V 25W | Manufacturers: CUI, Inc. | RFQ |
| | Part#: PK25-D5-D15 Description: DC DC CONVERTER +/-15V 25W | Manufacturers: CUI, Inc. | RFQ |
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| | Part#: PK20X256VLK100 Description: IC MCU 32BIT 256KB FLASH 80LQFP | Manufacturers: NXP Semiconductors / Freescale | RFQ |
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| | Part#: PK22DN512VLK5 Description: IC MCU 32BIT 512KB FLASH 80LQFP | Manufacturers: NXP Semiconductors / Freescale | RFQ |
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| | Part#: PK20X128VLQ100 Description: IC MCU 32BIT 128KB FLASH 144LQFP | Manufacturers: NXP Semiconductors / Freescale | RFQ |
| | Part#: PK21DX256VMB5 Description: IC MCU 32BIT 256KB FLASH 121BGA | Manufacturers: NXP Semiconductors / Freescale | RFQ |
| | Part#: PK20 Description: CBL CLIP CONDUIT BLACK BEAM | Manufacturers: Panduit | RFQ |
| | Part#: PK20N512VMD100 Description: IC MCU 32BIT 512KB FLASH 144BGA | Manufacturers: NXP Semiconductors / Freescale | RFQ |
| | Part#: PK25-D5-S15 Description: DC DC CONVERTER 15V 25W | Manufacturers: CUI, Inc. | RFQ |

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