

NXP Semiconductors / Freescale

MK20DX32VMP5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK20DX32VMP5                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 32KB FLASH 64MAPBGA                                                                             |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 14928 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

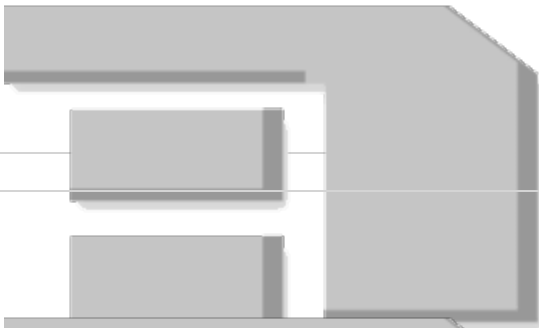
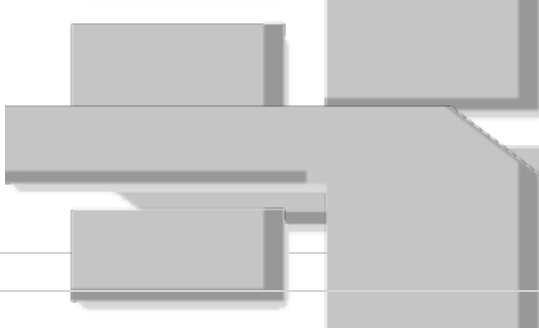
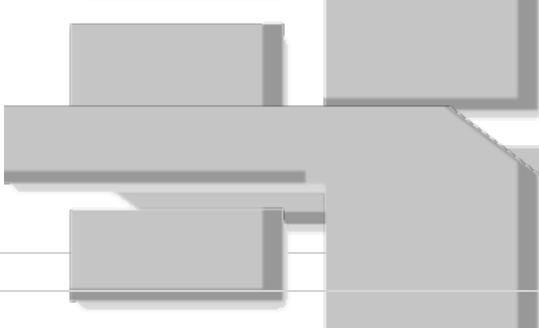
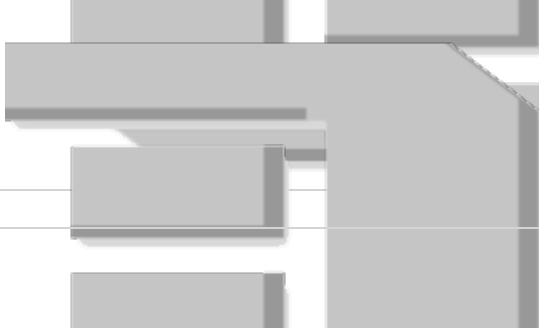
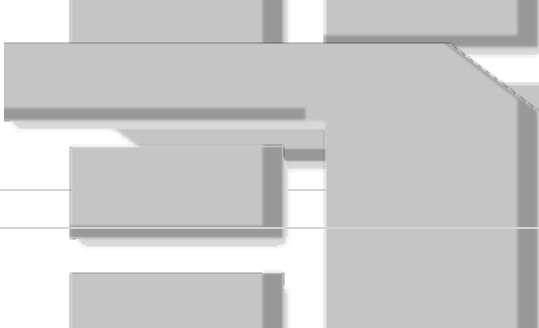
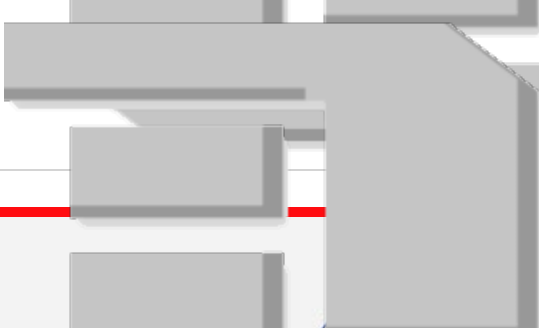
Specifications of MK20DX32VMP5

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK20DX32VMP5                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 64MAPBGA                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 14928 pcs                                                                                        |
| DATA SHEET                       |                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 64-MAPBGA (5x5)                                                                                  |
| SPEED                            | 50MHz                                                                                            |
| SERIES                           | Kinetis K20                                                                                      |
| RAM SIZE                         | 8K x 8                                                                                           |
| PROGRAM MEMORY TYPE              | FLASH                                                                                            |
| PROGRAM MEMORY SIZE              | 32KB (32K x 8)                                                                                   |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                     |
| PACKAGING                        | Tray                                                                                             |
| PACKAGE / CASE                   | 64-LFBGA                                                                                         |
| OTHER NAMES                      | 935317639557                                                                                     |
| 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                      | 2K x 8                                                                                           |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K20 Microcontroller IC 32-Bit 50MHz 32KB (32K x 8) FLASH 64-MAPBGA (5x5) |
| DATA CONVERTERS                  | A/D 13x16b                                                                                       |
| CORE SIZE                        | 32-Bit                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART, USB, USB OTG                                                         |
| BASE PART NUMBER                 | MK20DX32                                                                                         |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MK20DX32VMP5               | MK20DX32VMP5 Distributor        | MK20DX32VMP5 Supplier  |
| MK20DX32VMP5 Price         | MK20DX32VMP5 Pictures           | MK20DX32VMP5 Image     |
| MK20DX32VMP5 PDF Datasheet | MK20DX32VMP5 Download Datasheet | MK20DX32VMP5 Datasheet |
| MK20DX32VMP5 Stock         | Buy MK20DX32VMP5                | Buy MK20DX32VMP5       |
| MK20DX32VMP5               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                                                                                            |                                                                                      |                                                                                                                                                                                                             |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>MK20DX64VFM5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 32QFN<br>In stock: 19713 pcs<br>      |  | <b>MK20DX32VFM5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 32QFN<br>In stock: 21346 pcs<br>     |
|  | <b>MK20DX64VLK7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 80LQFP<br>In stock: 15286 pcs<br>     |  | <b>MK20DX256ZVMD10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 144BGA<br>In stock: 8436 pcs<br> |
|  | <b>MK20DX64VLH7</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 14376 pcs<br>     |  | <b>MK20DX32VFT5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 48QFN<br>In stock: 19881 pcs<br>     |
|  | <b>MK20DX64VFT5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 48QFN<br>In stock: 18484 pcs<br>      |  | <b>MK20DX32VLH5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 64LQFP<br>In stock: 16384 pcs<br>    |
|  | <b>MK20DX256ZVMC10</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 256KB FLASH 121BGA<br>In stock: 10429 pcs<br> |  | <b>MK20DX64VLF5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 48LQFP<br>In stock: 15018 pcs<br>    |
|  | <b>MK20DX32VLF5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 32KB FLASH 48LQFP<br>In stock: 17974 pcs<br>     |  | <b>MK20DX64VLH5</b><br>Manufacturers: NXP<br>Description: IC MCU 32BIT 64KB FLASH 64LQFP<br>In stock: 14066 pcs<br>    |