

NXP Semiconductors / Freescale



MK20DN32VFM5

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | MK20DN32VFM5                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 32KB FLASH 32QFN                                                                                |
| Datasheets:         |                                                                                                              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 19415 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

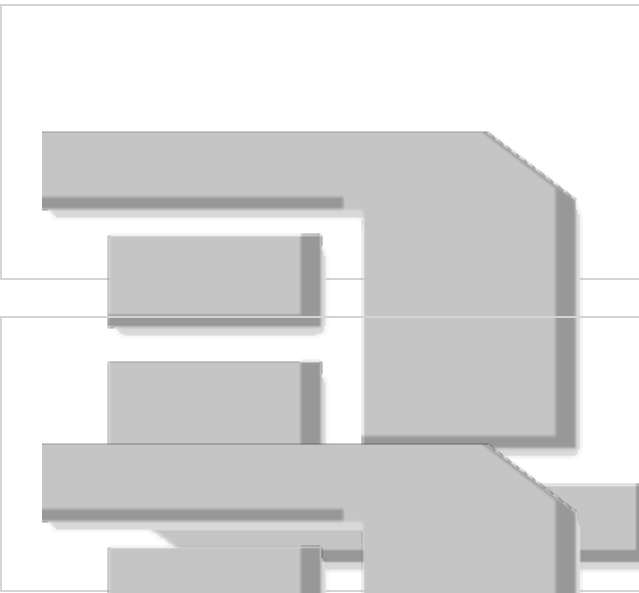
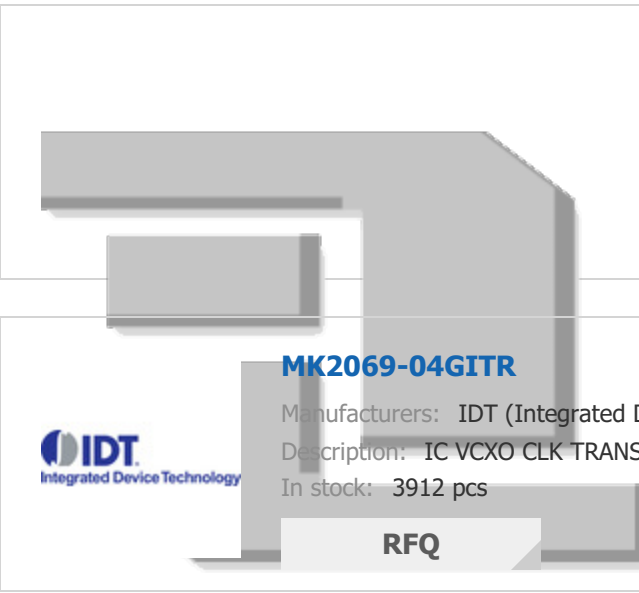
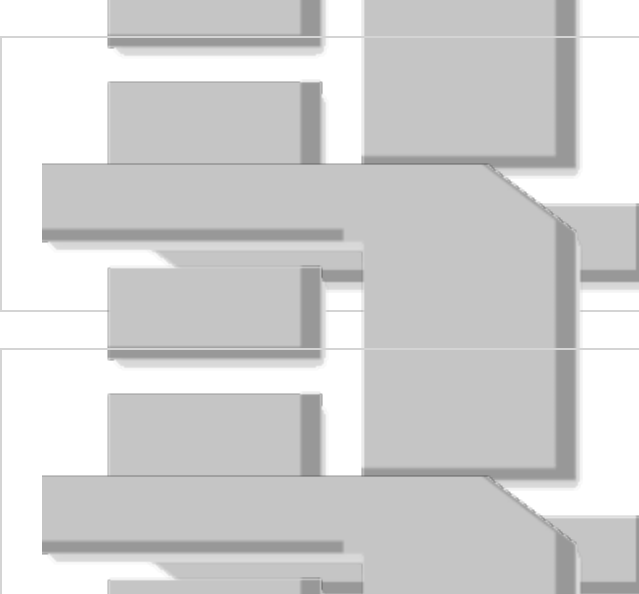
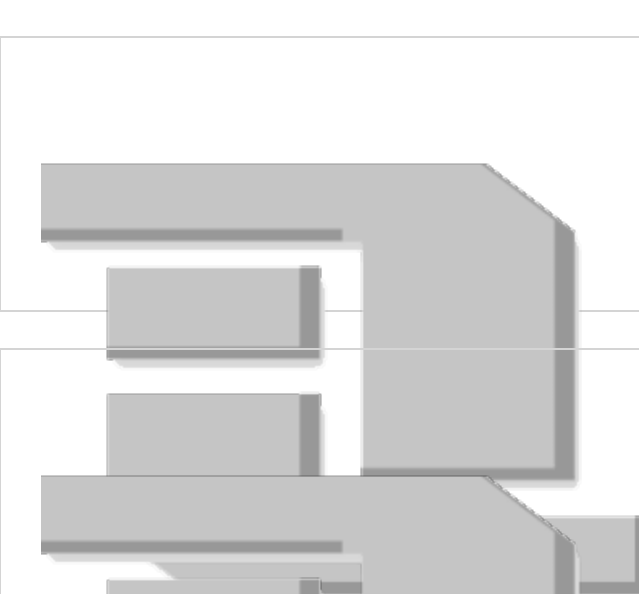
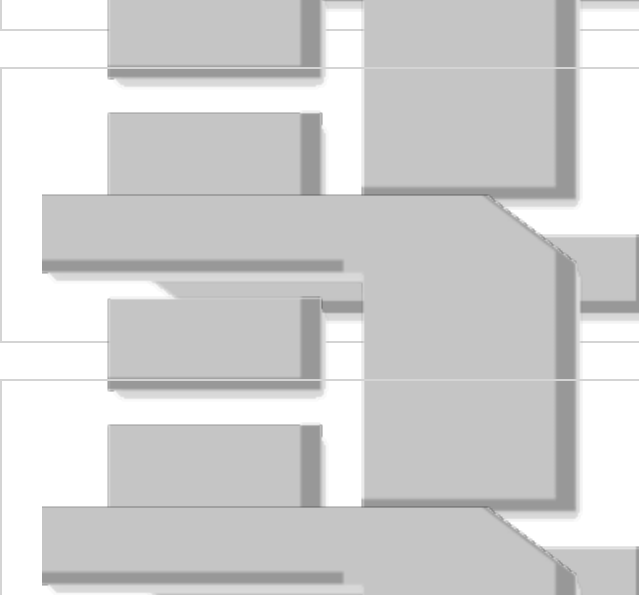
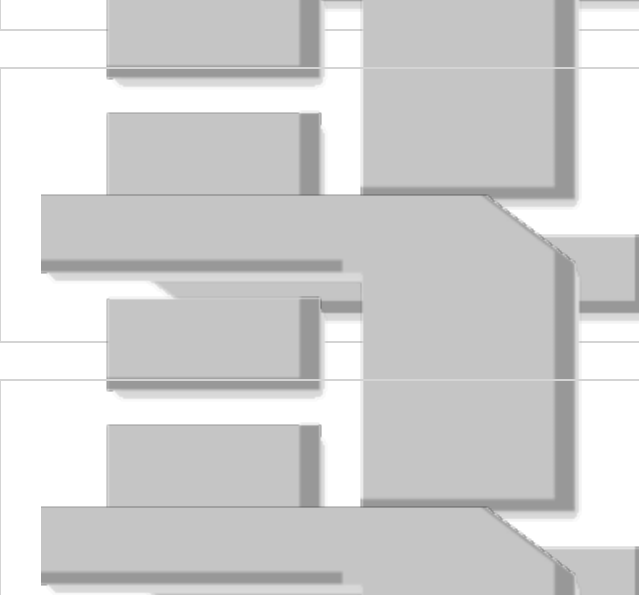
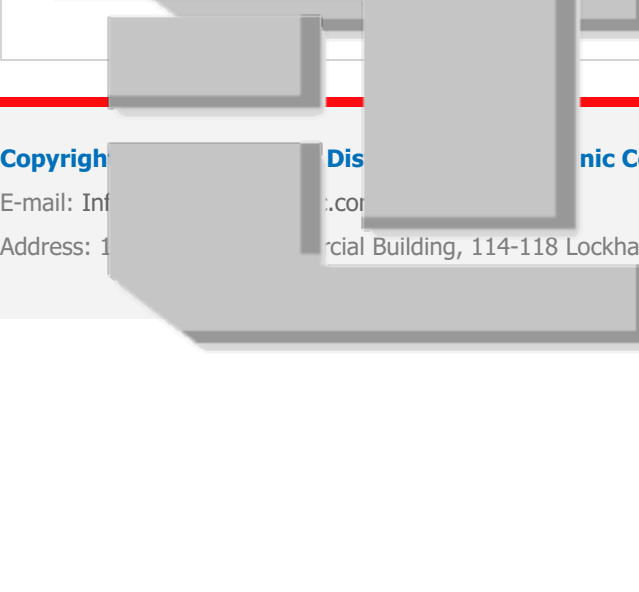
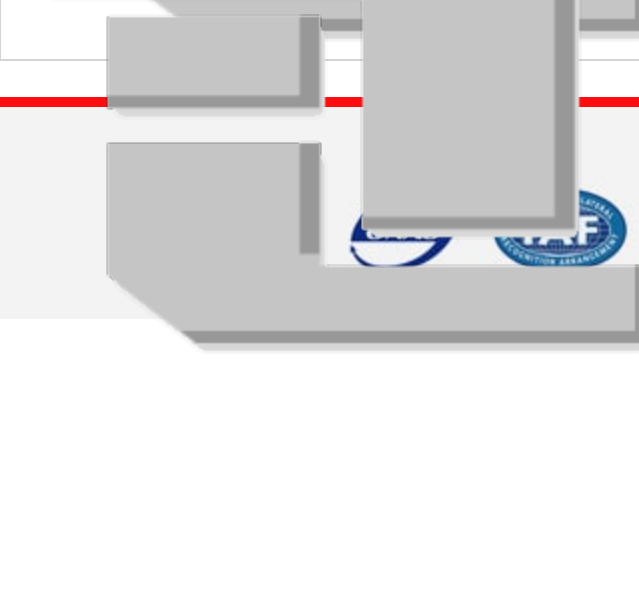
Specifications of MK20DN32VFM5

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | MK20DN32VFM5                                                                                     |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                   |
| DESCRIPTION                      | IC MCU 32BIT 32KB FLASH 32QFN                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 19415 pcs                                                                                        |
| DATA SHEET                       |                                                                                                  |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 32-QFN-EP (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                   | 32-VFQFN Exposed Pad                                                                             |
| OTHER NAMES                      | 935319916557                                                                                     |
| OSCILLATOR TYPE                  | Internal                                                                                         |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                               |
| NUMBER OF I/O                    | 20                                                                                               |
| 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 32KB (32K x 8) FLASH 32-QFN-EP (5x5) |
| DATA CONVERTERS                  | A/D 6x16b                                                                                        |
| CORE SIZE                        | 32-Bit                                                                                           |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                  |
| CONNECTIVITY                     | I²C, IrDA, SPI, UART/USART, USB, USB OTG                                                         |
| BASE PART NUMBER                 | MK20DN32                                                                                         |

Related Tags

|                            |                                 |                        |
|----------------------------|---------------------------------|------------------------|
| MK20DN32VFM5               | MK20DN32VFM5 Distributor        | MK20DN32VFM5 Supplier  |
| MK20DN32VFM5 Price         | MK20DN32VFM5 Pictures           | MK20DN32VFM5 Image     |
| MK20DN32VFM5 PDF Datasheet | MK20DN32VFM5 Download Datasheet | MK20DN32VFM5 Datasheet |
| MK20DN32VFM5 Stock         | Buy MK20DN32VFM5                | Buy MK20DN32VFM5       |
| MK20DN32VFM5               | Supplier                        | Distributor            |

Related Products

|                                                                                    |                                                                                                                                                 |                                                                                      |                                                                                                                                                                               |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>MK20DN512VLK10</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 512KB FLASH 80LQFP</p> <p>In stock: 7592 pcs</p> <p>RFQ</p> |  | <p><b>MK20DN128VFT5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 48QFN</p> <p>In stock: 13124 pcs</p> <p>RFQ</p>                                |
|  | <p><b>MK20DN32VLF5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 32KB FLASH 48LQFP</p> <p>In stock: 18341 pcs</p> <p>RFQ</p>   |  | <p><b>MK2069-04GITR</b></p> <p>Manufacturers: IDT (Integrated Device Technology)</p> <p>Description: IC VCXO CLK TRANSLATOR 56-TSSOP</p> <p>In stock: 3912 pcs</p> <p>RFQ</p> |
|  | <p><b>MK20DN128VMP5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 64BGA</p> <p>In stock: 16565 pcs</p> <p>RFQ</p>  |  | <p><b>MK20DN128VFM5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 32QFN</p> <p>In stock: 15303 pcs</p> <p>RFQ</p>                                |
|  | <p><b>MK20DN32VFT5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 32KB FLASH 48QFN</p> <p>In stock: 17060 pcs</p> <p>RFQ</p>    |  | <p><b>MK20DN512VLK10R</b></p> <p>Manufacturers: NXP</p> <p>Description: KINETIS K 32-BIT MCU ARM CORTEX</p> <p>In stock: 15567 pcs</p> <p>RFQ</p>                             |
|  | <p><b>MK20DN32VMP5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 32KB FLASH 64MAPBGA</p> <p>In stock: 17336 pcs</p> <p>RFQ</p> |  | <p><b>MK20DN32VLH5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 32KB FLASH 64LQFP</p> <p>In stock: 20930 pcs</p> <p>RFQ</p>                                 |
|  | <p><b>MK20DN128VLH5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 64LQFP</p> <p>In stock: 14524 pcs</p> <p>RFQ</p> |  | <p><b>MK20DN128VLF5</b></p> <p>Manufacturers: NXP</p> <p>Description: IC MCU 32BIT 128KB FLASH 48LQFP</p> <p>In stock: 13780 pcs</p> <p>RFQ</p>                               |

