

NXP Semiconductors / Freescale

PK60N256VMD100

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PK60N256VMD100                                                                                               |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC MCU 32BIT 256KB FLASH 144BGA                                                                              |
| Datasheets:         |                                                                                                              |
| RoHS Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 3884 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

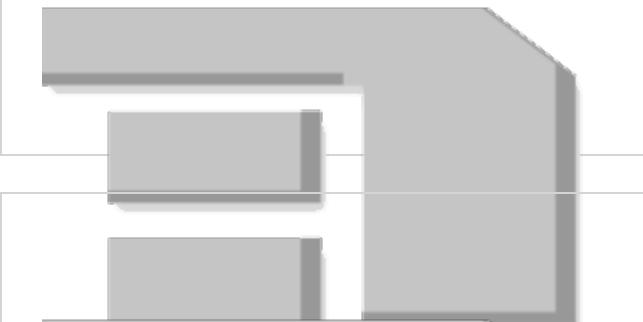
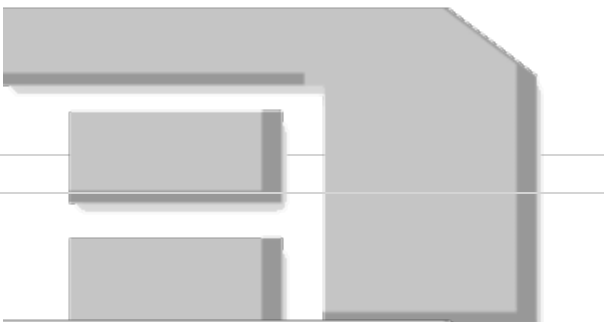
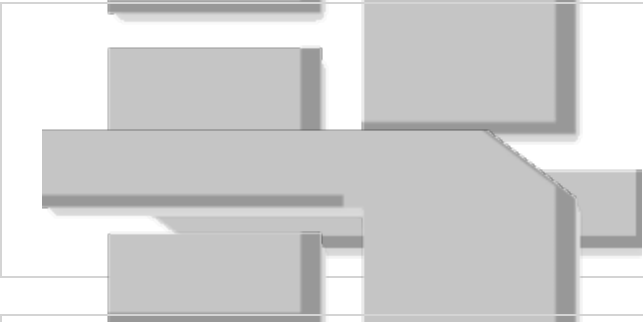
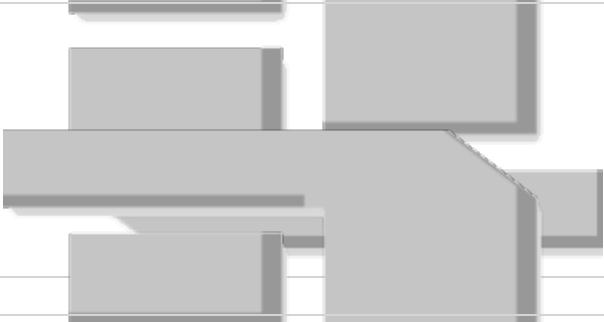
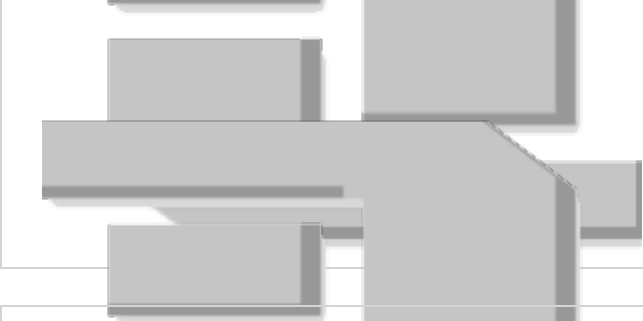
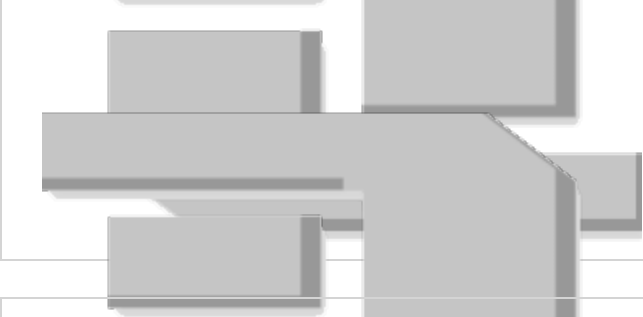
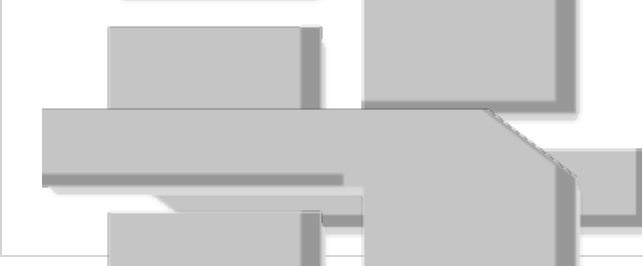
Specifications of PK60N256VMD100

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PK60N256VMD100                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                         |
| DESCRIPTION                      | IC MCU 32BIT 256KB FLASH 144BGA                                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 3884 pcs                                                                                               |
| DATA SHEET                       |                                                                                                        |
| VOLTAGE - SUPPLY (VCC/VDD)       | 1.71 V ~ 3.6 V                                                                                         |
| SUPPLIER DEVICE PACKAGE          | 144-MAPBGA (13x13)                                                                                     |
| SPEED                            | 100MHz                                                                                                 |
| SERIES                           | Kinetis K60                                                                                            |
| RAM SIZE                         | 64K x 8                                                                                                |
| PROGRAM MEMORY TYPE              | FLASH                                                                                                  |
| PROGRAM MEMORY SIZE              | 256KB (256K x 8)                                                                                       |
| PERIPHERALS                      | DMA, I²S, LVD, POR, PWM, WDT                                                                           |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 144-LBGA                                                                                               |
| OSCILLATOR TYPE                  | Internal                                                                                               |
| OPERATING TEMPERATURE            | -40°C ~ 105°C (TA)                                                                                     |
| NUMBER OF I/O                    | 100                                                                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| EEPROM SIZE                      | -                                                                                                      |
| DETAILED DESCRIPTION             | ARM® Cortex®-M4 Kinetis K60 Microcontroller IC 32-Bit 100MHz 256KB (256K x 8) FLASH 144-MAPBGA (13x13) |
| DATA CONVERTERS                  | A/D 27x16b, D/A 2x12b                                                                                  |
| CORE SIZE                        | 32-Bit                                                                                                 |
| CORE PROCESSOR                   | ARM® Cortex®-M4                                                                                        |
| CONNECTIVITY                     | CANbus, EBI/EMI, Ethernet, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG                                |
| BASE PART NUMBER                 | PK60N256                                                                                               |

Related Tags

|                              |                                   |                          |
|------------------------------|-----------------------------------|--------------------------|
| PK60N256VMD100               | PK60N256VMD100 Distributor        | PK60N256VMD100 Supplier  |
| PK60N256VMD100 Price         | PK60N256VMD100 Pictures           | PK60N256VMD100 Image     |
| PK60N256VMD100 PDF Datasheet | PK60N256VMD100 Download Datasheet | PK60N256VMD100 Datasheet |
| PK60N256VMD100 Stock         | Buy PK60N256VMD100                | Buy PK60N256VMD100       |
| PK60N256VMD100               | Supplier                          | Distributor              |

Related Products

|                                                                                    |                                                                                                                                                               |                                                                                      |                                                                                                                                                               |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <div>PK60X256VMD100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 144BGA</div> <div>In stock: 4511 pcs</div> <div>RFQ</div>  |  | <div>PK60X256VLQ100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 144LQFP</div> <div>In stock: 4930 pcs</div> <div>RFQ</div> |
|  | <div>PK60FX512VMD12</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 512KB FLASH 144BGA</div> <div>In stock: 4882 pcs</div> <div>RFQ</div>  |  | <div>PK60X256VLL100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 100LQFP</div> <div>In stock: 4208 pcs</div> <div>RFQ</div> |
|  | <div>PK60N256VLQ100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 144LQFP</div> <div>In stock: 2706 pcs</div> <div>RFQ</div> |  | <div>PK60FX512VLQ12</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 512KB FLASH 144LQFP</div> <div>In stock: 7002 pcs</div> <div>RFQ</div> |
|  | <div>PK60FX512VLQ15</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 512KB FLASH 144LQFP</div> <div>In stock: 6493 pcs</div> <div>RFQ</div> |  | <div>PK60N512VMD100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 512KB FLASH 144BGA</div> <div>In stock: 6205 pcs</div> <div>RFQ</div>  |
|  | <div>PK60N512VLQ100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 512KB FLASH 144LQFP</div> <div>In stock: 3259 pcs</div> <div>RFQ</div> |  | <div>PK60N512VLL100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 512KB FLASH 100LQFP</div> <div>In stock: 3806 pcs</div> <div>RFQ</div> |
|  | <div>PK60N256VLL100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 100LQFP</div> <div>In stock: 6102 pcs</div> <div>RFQ</div> |  | <div>PK60N256VMC100</div> <div>Manufacturers: NXP</div> <div>Description: IC MCU 32BIT 256KB FLASH 121BGA</div> <div>In stock: 4811 pcs</div> <div>RFQ</div>  |

