

NXP Semiconductors / Freescale

PK10N512VMD100

Part Number:	PK10N512VMD100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	6992 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

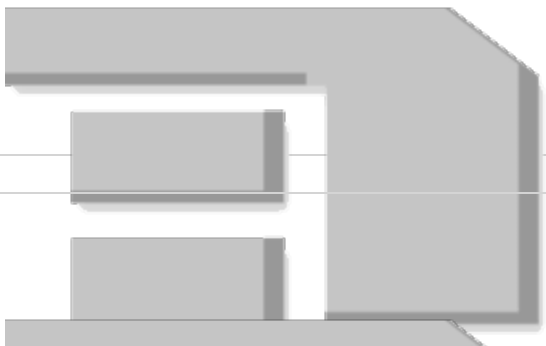
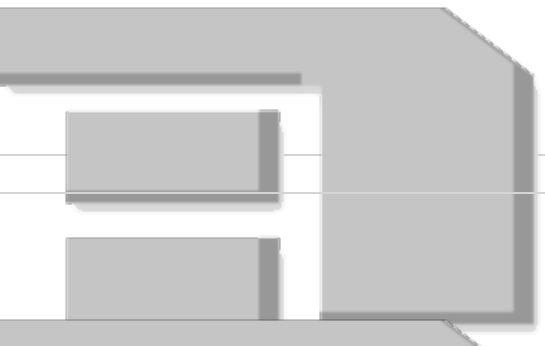
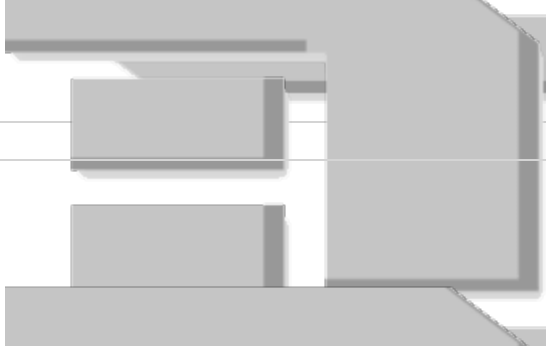
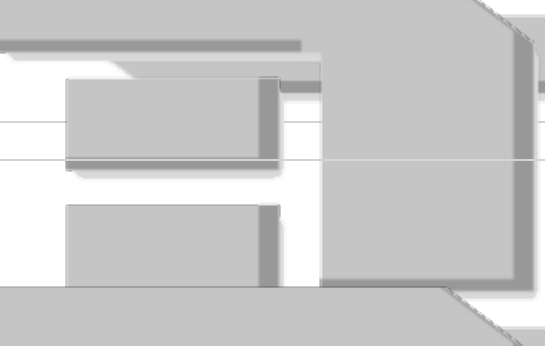
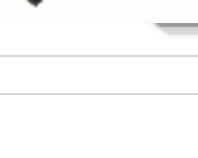
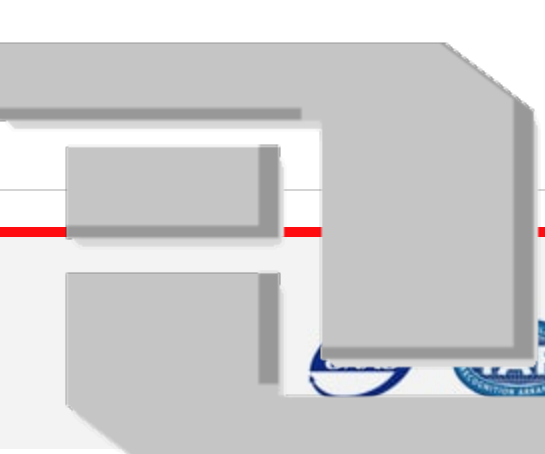
Specifications of PK10N512VMD100

PART NUMBER	PK10N512VMD100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6992 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K10
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K 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	104
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K10 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 37x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART
BASE PART NUMBER	PK10N512

Related Tags

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Related Products

 PK10X256VMD100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 5382 pcs RFQ	 PK10N512VLL100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 2842 pcs RFQ
 PK10N512VLK100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 4814 pcs RFQ	 PK10N512VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 3660 pcs RFQ
 PK10X128VMD100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144BGA In stock: 5563 pcs RFQ	 PK10X256VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 5719 pcs RFQ
 PK10M-080SP-SMT-DA Manufacturers: 3M Description: CONN SOCKET 80POS 1MM STR SMD In stock: 13440 pcs RFQ	 PK1100B1/4 Manufacturers: Agastat Relays / TE Connectivity Description: KNOB SERRATED 0.250" PLASTIC In stock: 29852 pcs RFQ
 PK10M-080PP-THR-TGF Manufacturers: 3M Description: CONN PLUG 80POS R/A 1MM T/H In stock: 5249 pcs RFQ	 PK110 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE ACCESSORY KIT HFP1000 In stock: 399 pcs RFQ
 PK10M-080S-SMT-TGF Manufacturers: 3M Description: CONN SOCKET 80POS 1MM STR SMD In stock: 6255 pcs RFQ	 PK10X128VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 5639 pcs RFQ