

NXP Semiconductors / Freescale

PK50N512CMD100

Part Number:	PK50N512CMD100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHs Status	Lead free / RoHS Compliant
Stock Condition	4716 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

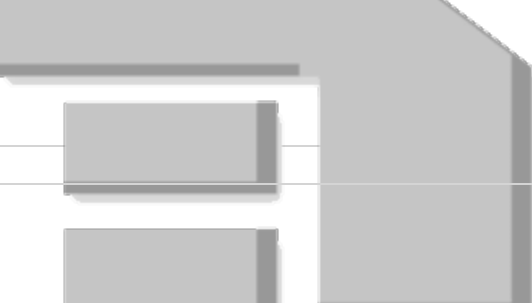
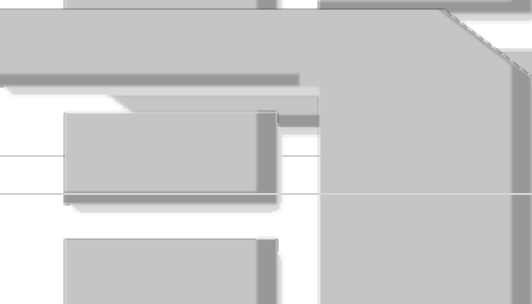
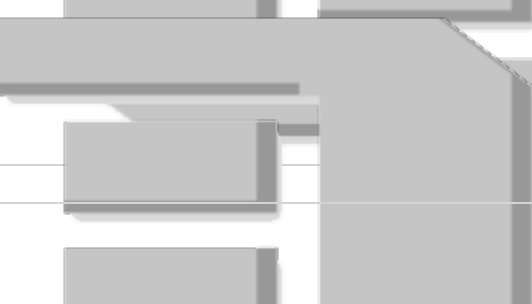
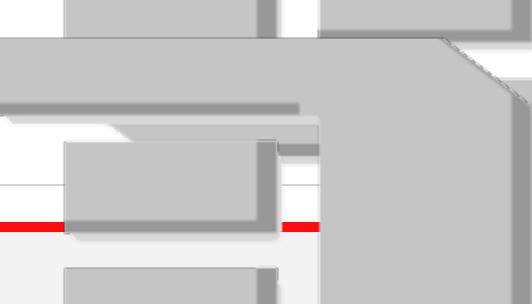
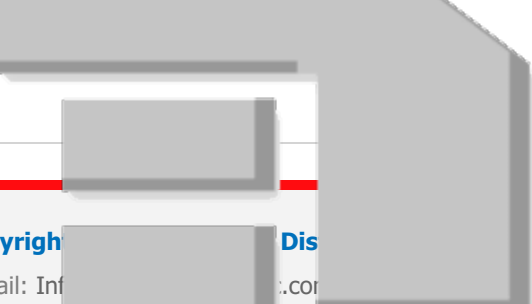
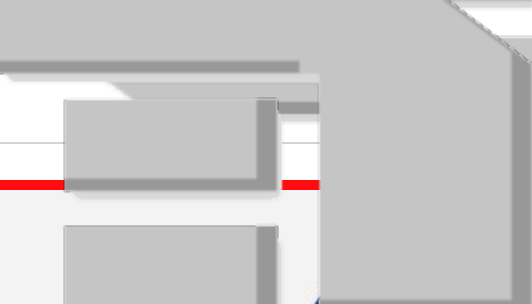
Specifications of PK50N512CMD100

PART NUMBER	PK50N512CMD100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4716 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K50
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 ~ 85°C (TA)
NUMBER OF I/O	96
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K50 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 144-MAPBGA (13x13)
DATA CONVERTERS	A/D 25x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK50N512

Related Tags

PK50N512CMD100	PK50N512CMD100 Distributor	PK50N512CMD100 Supplier
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Related Products

 PK50B1/8 Manufacturers: Agastat Relays / TE Connectivity Description: KNOB KNURLED W/SKRT 0.126" PLAST In stock: 48921 pcs RFQ	 PK50B1/4 Manufacturers: Agastat Relays / TE Connectivity Description: KNOB KNURLED W/SKRT 0.250" PLAST In stock: 42203 pcs RFQ
 PK51-F-LC Manufacturers: N/A Description: PK51 FLOATING LC In stock: 22 pcs RFQ	 PK50X256CLK100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 80LQFP In stock: 3575 pcs RFQ
 PK51 Manufacturers: N/A Description: KIT PROFESSIONAL DEVELOPER 8051 In stock: 25 pcs RFQ	 PK50X256CLL100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 100LQFP In stock: 3883 pcs RFQ
 PK500PT-1 Manufacturers: LeCroy (Teledyne LeCroy) Description: PRB TIP FOR D500PT 2/BG In stock: 1656 pcs RFQ	 PK50X256CMC100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 121BGA In stock: 5645 pcs RFQ
	 PK50N512CMC100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 121BGA In stock: 3928 pcs RFQ
	 PK50N512CLL100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 4098 pcs RFQ
 PK50N512CLQ100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 3935 pcs RFQ	 PK51-DONGLE-UGD Manufacturers: N/A Description: KIT PROFESSIONAL DEVELOPER 8051 In stock: 143 pcs RFQ