

NXP Semiconductors / Freescale

PK10N512VLQ100

Part Number:	PK10N512VLQ100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	3660 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Image may be representation. See specifications for product details.

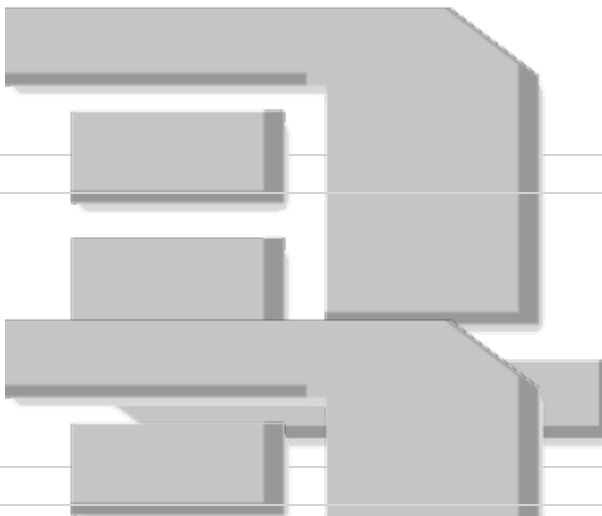
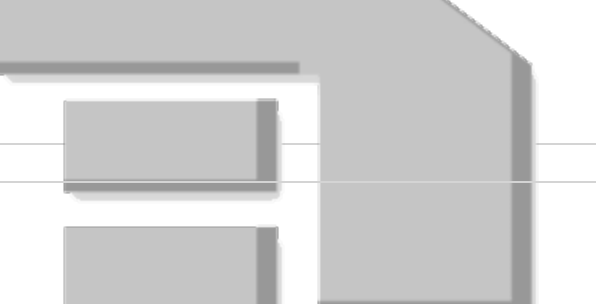
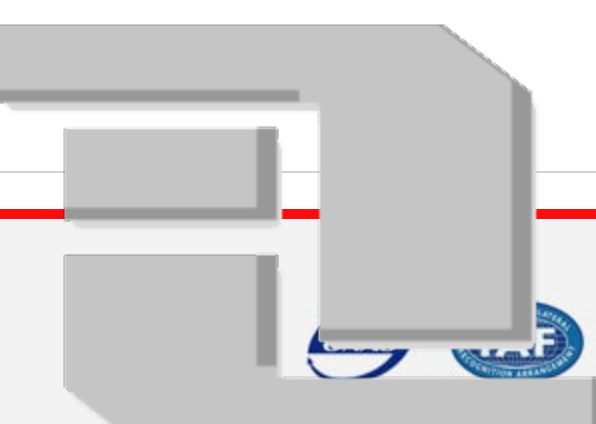
Specifications of PK10N512VLQ100

PART NUMBER	PK10N512VLQ100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	3660 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	100MHz
SERIES	Kinetis K10
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I ² S, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
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-LQFP (20x20)
DATA CONVERTERS	A/D 37x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I ² C, IrDA, SD, SPI, UART/USART
BASE PART NUMBER	PK10N512

Related Tags

PK10N512VLQ100	PK10N512VLQ100 Distributor	PK10N512VLQ100 Supplier
PK10N512VLQ100 Price	PK10N512VLQ100 Pictures	PK10N512VLQ100 Image
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PK10N512VLQ100 Stock	Buy PK10N512VLQ100	Buy PK10N512VLQ100
PK10N512VLQ100	Supplier	Distributor

Related Products

	PK10X256VMD100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 5382 pcs RFQ		PK10M-080S-SMT-TGF Manufacturers: 3M Description: CONN SOCKET 80POS 1MM STR SMD In stock: 6255 pcs RFQ
	PK10N512VLK100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 4814 pcs RFQ		PK10M-080PP-THR-DA Manufacturers: 3M Description: CONN PLUG 80POS R/A 1MM T/H In stock: 6512 pcs RFQ
	PK110 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE ACCESSORY KIT HFP1000 In stock: 399 pcs RFQ		PK10N512VMD100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 6992 pcs RFQ
	PK10X128VMD100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144BGA In stock: 5563 pcs RFQ		PK10X128VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 5639 pcs RFQ
	PK10X256VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 5719 pcs RFQ		PK10M-080PP-THR-TGF Manufacturers: 3M Description: CONN PLUG 80POS R/A 1MM T/H In stock: 5249 pcs RFQ
	PK10M-080SP-SMT-DA Manufacturers: 3M Description: CONN SOCKET 80POS 1MM STR SMD In stock: 13440 pcs RFQ		PK10N512VLL100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 2842 pcs RFQ