

NXP Semiconductors / Freescale

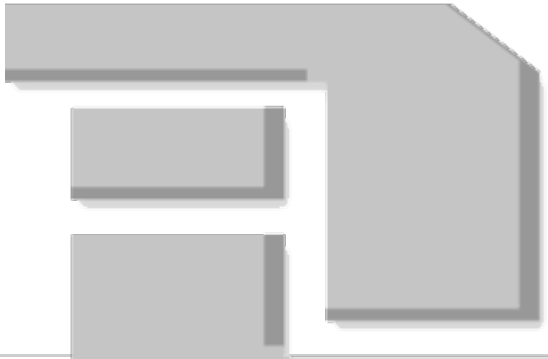


Image may be representation. See specifications for product details.

PK40N512VMD100

Part Number:	PK40N512VMD100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144BGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	6111 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PK40N512VMD100

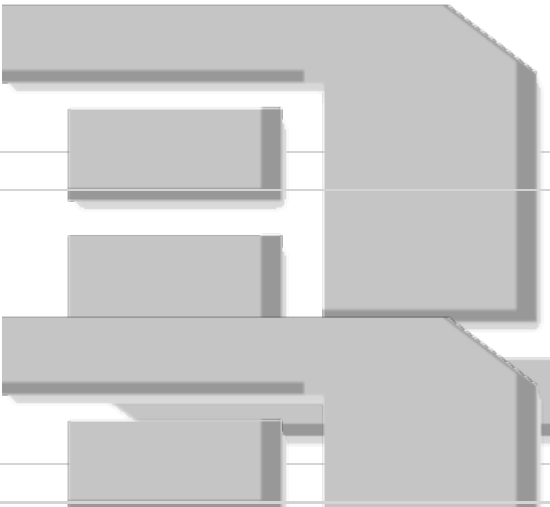
PART NUMBER	PK40N512VMD100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6111 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-MAPBGA (13x13)
SPEED	100MHz
SERIES	Kinetis K40
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I ² S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LBGA
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	98
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K40 Microcontroller IC 32-Bit 100MHz 512KB (512K 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, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK40N512

Related Tags

PK40N512VMD100	PK40N512VMD100 Distributor	PK40N512VMD100 Supplier
PK40N512VMD100 Price	PK40N512VMD100 Pictures	PK40N512VMD100 Image
PK40N512VMD100 PDF Datasheet	PK40N512VMD100 Download Datasheet	PK40N512VMD100 Datasheet
PK40N512VMD100 Stock	Buy PK40N512VMD100	Buy PK40N512VMD100
PK40N512VMD100	Supplier	Distributor

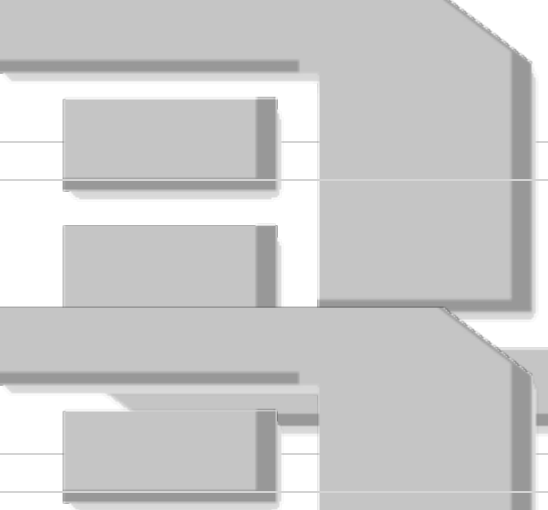
Related Products

**PK4-5MM-9**
Manufacturers: LeCroy (Teledyne LeCroy)
Description: PROBE TIP GND QTY 10
In stock: 2915 pcs
RFQ

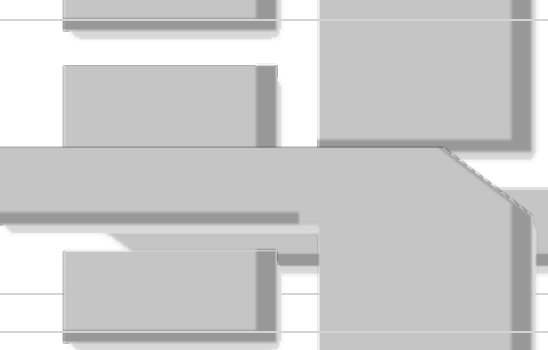
**PK40X256VMD100**
Manufacturers: NXP
Description: IC MCU 32BIT 256KB FLASH 144BGA
In stock: 3745 pcs
RFQ

**PK400-0**
Manufacturers: LeCroy (Teledyne LeCroy)
Description: EXTRA LARGE GRIPPER PROBE SET
In stock: 802 pcs
RFQ

**PK40X128VMD100**
Manufacturers: NXP
Description: IC MCU 32BIT 128KB FLASH 144BGA
In stock: 3910 pcs
RFQ

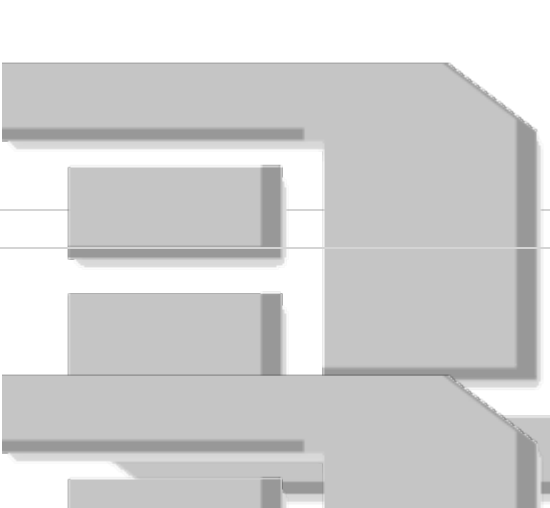
**PK40N512VLK100**
Manufacturers: NXP
Description: IC MCU 32BIT 512KB FLASH 80LQFP
In stock: 5537 pcs
RFQ

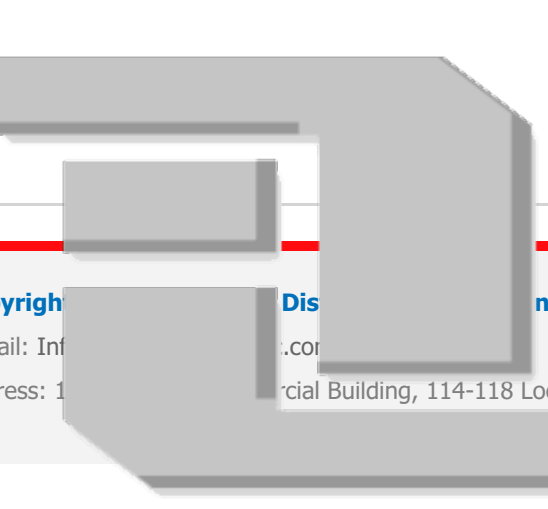
**PK400-3**
Manufacturers: LeCroy (Teledyne LeCroy)
Description: PROBE SMALL GRIPPER .008" 10PCS
In stock: 183 pcs
RFQ

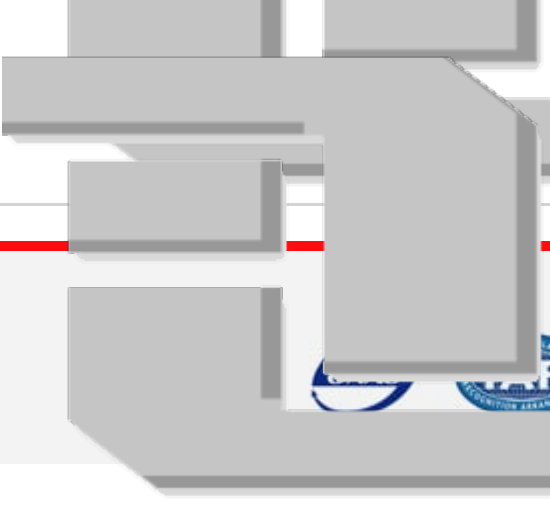
**PK40X256VLQ100**
Manufacturers: NXP
Description: IC MCU 32BIT 256KB FLASH 144LQFP
In stock: 6483 pcs
RFQ

**PK400-2**
Manufacturers: LeCroy (Teledyne LeCroy)
Description: PROBE MED GRIPPER .04" 10PCS
In stock: 370 pcs
RFQ

**PK400-1**
Manufacturers: LeCroy (Teledyne LeCroy)
Description: PROBE LARGE GRIPPERS .10" 10PCS
In stock: 421 pcs
RFQ

**PK40N512VLQ100**
Manufacturers: NXP
Description: IC MCU 32BIT 512KB FLASH 144LQFP
In stock: 7009 pcs
RFQ

**PK40N512VLL100**
Manufacturers: NXP
Description: IC MCU 32BIT 512KB FLASH 100LQFP
In stock: 6166 pcs
RFQ

**PK40X128VLQ100**
Manufacturers: NXP
Description: IC MCU 32BIT 128KB FLASH 144LQFP
In stock: 3488 pcs
RFQ