

NXP Semiconductors / Freescale

PK40N512VLL100

Part Number:	PK40N512VLL100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	6166 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.

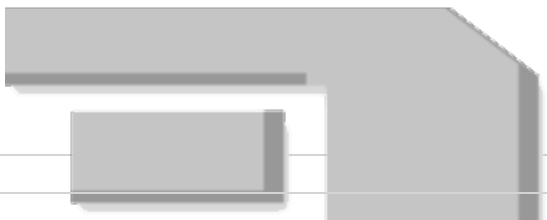
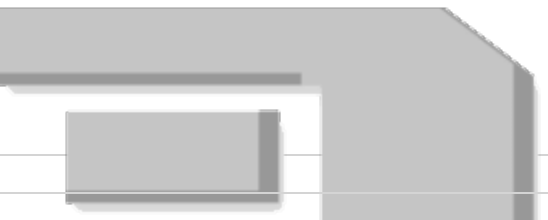
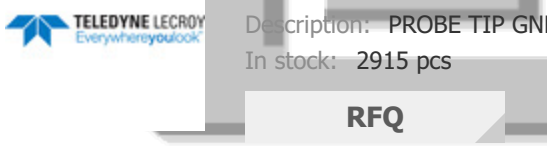
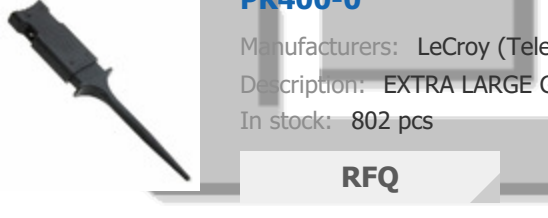
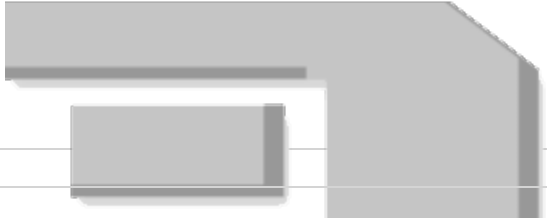
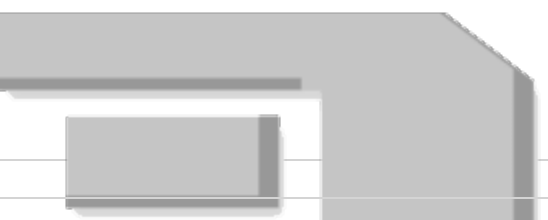
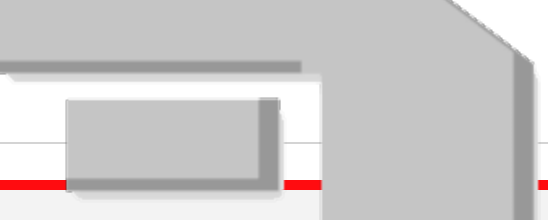
Specifications of PK40N512VLL100

PART NUMBER	PK40N512VLL100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	6166 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
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	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	64
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 100-LQFP (14x14)
DATA CONVERTERS	A/D 20x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I ² C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK40N512

Related Tags

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PK40N512VLL100 Price	PK40N512VLL100 Pictures	PK40N512VLL100 Image
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Related Products

 PK40X128VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 3488 pcs RFQ	 PK40X256VMD100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 3745 pcs RFQ
 PK4-5MM-9 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE TIP GND QTY 10 In stock: 2915 pcs RFQ	 PK400-0 Manufacturers: LeCroy (Teledyne LeCroy) Description: EXTRA LARGE GRIPPER PROBE SET In stock: 802 pcs RFQ
 PK40N512VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: 7009 pcs RFQ	 PK400-1 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE LARGE GRIPPERS .10" 10PCS In stock: 421 pcs RFQ
 PK40N512VMD100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 6111 pcs RFQ	 PK40N512VLK100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: 5537 pcs RFQ
 PK400-2 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE MED GRIPPER .04" 10PCS In stock: 370 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	 PK40X128VMD100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144BGA In stock: 3910 pcs RFQ