

NXP Semiconductors / Freescale



PK40N512VLQ100

Part Number:	PK40N512VLQ100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	
RoHS Status	Lead free / RoHS Compliant
Stock Condition	7009 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of PK40N512VLQ100

PART NUMBER	PK40N512VLQ100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	7009 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	100MHz
SERIES	Kinetis K40
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, I²S, LCD, LVD, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
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-LQFP (20x20)
DATA CONVERTERS	A/D 27x16b, D/A 2x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, EBI/EMI, I²C, IrDA, SD, SPI, UART/USART, USB, USB OTG
BASE PART NUMBER	PK40N512

Related Tags

PK40N512VLQ100	PK40N512VLQ100 Distributor	PK40N512VLQ100 Supplier
PK40N512VLQ100 Price	PK40N512VLQ100 Pictures	PK40N512VLQ100 Image
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Related Products

PK40X128VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: 3488 pcs RFQ	PK400-0 Manufacturers: LeCroy (Teledyne LeCroy) Description: EXTRA LARGE GRIPPER PROBE SET In stock: 802 pcs RFQ
PK40N512VLL100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 100LQFP In stock: 6166 pcs RFQ	PK400-3 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE SMALL GRIPPER .008" 10PCS In stock: 183 pcs RFQ
PK4-5MM-9 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE TIP GND QTY 10 In stock: 2915 pcs RFQ	PK40X256VLQ100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144LQFP In stock: 6483 pcs RFQ
PK40N512VMD100 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: 6111 pcs RFQ	PK40X256VMD100 Manufacturers: NXP Description: IC MCU 32BIT 256KB FLASH 144BGA In stock: 3745 pcs RFQ
PK400-1 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE LARGE GRIPPERS .10" 10PCS In stock: 421 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	PK400-2 Manufacturers: LeCroy (Teledyne LeCroy) Description: PROBE MED GRIPPER .04" 10PCS In stock: 370 pcs RFQ