



Image may be representation. See specifications for product details.

PK30N512VLL100

Part Number:	PK30N512VLL100
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 100LQFP
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

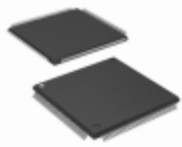
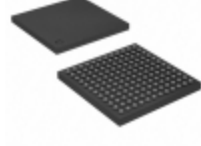
Specifications of PK30N512VLL100

PART NUMBER	PK30N512VLL100
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 100LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	1.71 V ~ 3.6 V
SUPPLIER DEVICE PACKAGE	100-LQFP (14x14)
SPEED	100MHz
SERIES	Kinetis K30
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	100-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	66
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	ARM® Cortex®-M4 Kinetis K30 Microcontroller IC 32-Bit 100MHz 512KB (512K x 8) FLASH 100-LQFP (14x14)
DATA CONVERTERS	A/D 24x16b, D/A 1x12b
CORE SIZE	32-Bit
CORE PROCESSOR	ARM® Cortex®-M4
CONNECTIVITY	CANbus, I²C, IrDA, SD, SPI, UART/USART
BASE PART NUMBER	PK30N512

Related Tags

NXP Semiconductors / Freescale PK30N512VLL100	PK30N512VLL100 Distributor	PK30N512VLL100 Supplier
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Freescale Semiconductor - NXP PK30N512VLL100	NXP USA Inc. PK30N512VLL100	

Related Products

 PK30X-2 Manufacturers: LeCroy (Teledyne LeCroy) Description: BANANA ALLIGATOR CLIPS In stock: 3 pcs RFQ	 PK30X128VLQ100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 128KB FLASH 144LQFP In stock: Out stock RFQ
 PK3021LI Manufacturers: Tripp Lite Description: KIT LIGHT, MOUSE, AND USB HUB In stock: Out stock RFQ	 PK30X-4 Manufacturers: LeCroy (Teledyne LeCroy) Description: BANANA CLAMP CLIPS In stock: 8 pcs RFQ
 PK3022ET Manufacturers: Tripp Lite Description: KIT CAT5 CABLE MOUSE USB HUB In stock: Out stock RFQ	 PK3020KB Manufacturers: Tripp Lite Description: KIT KEYPAD, MOUSE, AND USB HUB In stock: Out stock RFQ
 PK30X-3 Manufacturers: LeCroy (Teledyne LeCroy) Description: BANANA JAW CLIP RE In stock: 3 pcs RFQ	 PK30N512VLQ100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144LQFP In stock: Out stock RFQ
 PK30N512VMD100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 144BGA In stock: Out stock RFQ	 PK30N512VLK100 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 80LQFP In stock: Out stock RFQ
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