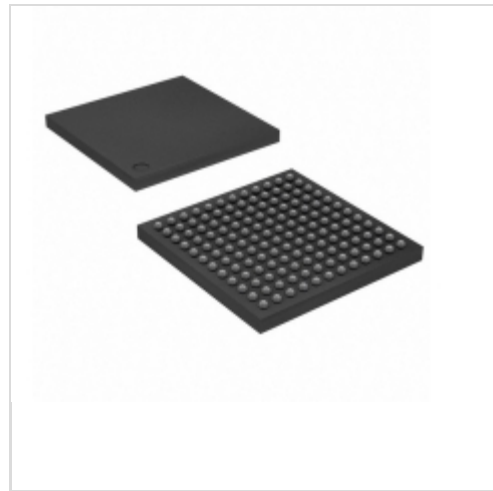


## PK40X256VMD100



[NXP Semiconductors / Freescale](#)

IC MCU 32BIT 256KB FLASH 144BGA

Lead free / RoHS Compliant

Integrated Circuits (ICs)

[Buy Now](#)

We can supply PK40X256VMD100, use the request quote form to request PK40X256VMD100 price and lead time. Zeano is a professional electronic components distributor. With 3+ Million line items of available electronic components can ship in short lead-time, over 250 thousand part numbers of electronic components in stock for immediately delivery, which may include part number PK40X256VMD100. The price and lead time for PK40X256VMD100 depending on the quantity required and warehouse location. Contact us and our sales representative will provide you price. We look forward to work with you.

### Shopping Process

1

Confirm the product

2

submit the order

3

payment

4

wait for delivery

5

receive the goods

### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.71 V ~ 3.6 V
<b>Supplier Device Package:</b>	144-MAPBGA (13x13)
<b>Speed:</b>	100MHz
<b>Series:</b>	Kinetis K40
<b>RAM Size:</b>	64K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	256KB (256K x 8)
<b>Peripherals:</b>	DMA, I <sup>2</sup> S, LCD, LVD, POR, PWM, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	144-LBGA
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 105°C (TA)
<b>Number of I/O:</b>	98
<b>EEPROM Size:</b>	4K x 8
<b>Data Converters:</b>	A/D 27x16b, D/A 2x12b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM® Cortex®-M4
<b>Connectivity:</b>	CAN, EBI/EMI, I <sup>2</sup> C, IrDA, SD, SPI, UART/USART, USB, USB OTG

### Related products

**PK40F-80**

in stock  
[SANREX](#)

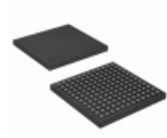
[RFQ](#)



**PK40N512VLL100**

IC MCU 32BIT 512KB FLASH 100LQFP  
[NXP USA Inc.](#)

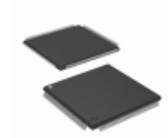
[RFQ](#)



**PK40X128VMD100**

IC MCU 32BIT 128KB FLASH 144BGA  
[NXP USA Inc.](#)

[RFQ](#)



**PK40X256VLQ100**

IC MCU 32BIT 256KB FLASH 144LQFP  
[NXP USA Inc.](#)

[RFQ](#)



**PK40N512VLK100**

IC MCU 32BIT 512KB FLASH 80LQFP  
[NXP USA Inc.](#)

[RFQ](#)

**PK40F-40**

in stock  
[SANREX](#)

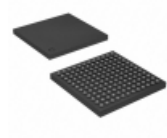
[RFQ](#)



**PK40N512VLQ100**

IC MCU 32BIT 512KB FLASH 144LQFP  
[NXP USA Inc.](#)

[RFQ](#)



**PK40N512VMD100**

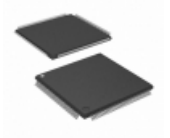
IC MCU 32BIT 512KB FLASH 144BGA  
[NXP USA Inc.](#)

[RFQ](#)

**PK40F-60**

in stock  
[SANREX](#)

[RFQ](#)

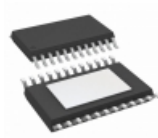


**PK40X128VLQ100**

IC MCU 32BIT 128KB FLASH 144LQFP  
[NXP USA Inc.](#)

[RFQ](#)

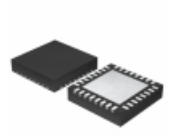
### Guess You May Looking For



**A4985SLPTR-T**

IC MOTOR DRIVER PAR 24TSSOP  
[Allegro Microsystems, LLC](#)

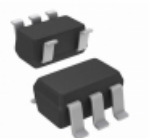
[RFQ](#)



**L6227Q**

IC MOTOR DRIVER PAR 32VQFPFN  
[STMicroelectronics](#)

[RFQ](#)



**TPS2103DBVTG4**

IC OR CTRLR SRC SELECT SOT23-5  
[Texas Instruments](#)

[RFQ](#)



**MIC2537-2BM**

IC USB SWITCH QUAD 16-SOIC  
[Microchip Technology](#)

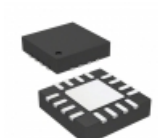
[RFQ](#)



**VN02N-E**

IC SSR HI SIDE 60V PENTAWATT VRT  
[STMicroelectronics](#)

[RFQ](#)



**LNBH29PTR**

IC LNB CTRL STEP-UP I2C  
[STMicroelectronics](#)

[RFQ](#)



**LM2592HVSX-3.3/NOPB**

IC REG BUCK 3.3V 2A TO263-5  
[Texas Instruments](#)

[RFQ](#)



**LT3065IMSE-2.5#PBF**

IC REG LDO 2.5V 0.5A 12MSOP  
[Linear Technology](#)

[RFQ](#)



**MIC5317-1.8YM5-T5**

IC REG LDO 1.8V 0.15A SOT23-5  
[Microchip Technology](#)

[RFQ](#)



**S-817A46ANB-CVJT2G**

IC REG LDO 4.6V 65MA SC82AB  
[SII Semiconductor Corporation](#)

[RFQ](#)