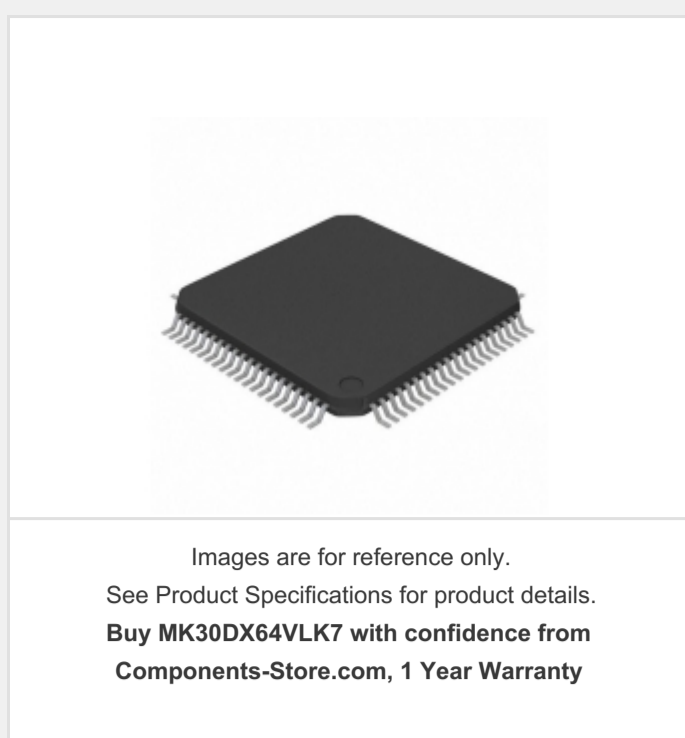


## MK30DX64VLK7



**Part Number:** [MK30DX64VLK7](#)  
**Manufacturer:** [NXP USA Inc.](#)  
**Description:** IC MCU 32BIT 64KB FLASH 80LQFP  
**Data sheet:** [PDF K30 Family Fact Sheet](#)  
[PDF K30 Family Brief](#)  
[PDF K30 Sub-Family](#)  
[PDF K30\\_LK7 Datasheet](#)  
[PDF K30\\_LK7 Ref Manual](#)

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER	
Part Number	<a href="#">MK30DX64VLK7</a>
Manufacturer	<a href="#">NXP USA Inc.</a>
Description	IC MCU 32BIT 64KB FLASH 80LQFP
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	20263 pcs
Product Photo	<a href="#">MK30DX64VLK7.jpg</a>
Category	<a href="#">Integrated Circuits (ICs)</a>
Voltage - Supply (Vcc/Vdd)	FLASH
Voltage - Breakdown	80-LQFP (12x12)
Series	Kinetis K30
RoHS Status	Tray
Reverse Recovery Time (trr)	72MHz
Requires	DMA, IPS, LCD, LVD, POR, PWM, WDT
Program Memory Type	64KB (64K x 8)
Program Memory Size	CAN, I <sup>2</sup> C, IrDA, SD, SPI, UART/USART
Polarization	80-LQFP
Other Names	935321747557
Oscillator Type	A/D 31x16b, D/A 1x12b
Operating Temperature	-40°C ~ 105°C (TA)
Operating System	ARM® Cortex®-M4
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Part Number	MK30DX64VLK7
Expanded Description	ARM® Cortex®-M4 Kinetis K30 Microcontroller IC 32-Bit 72MHz 64KB (64K x 8) FLASH 80-LQFP (12x12)
Description	IC MCU 32BIT 64KB FLASH 80LQFP
Data SRAM Bytes	2K x 8
Data Converters	1.71 V ~ 3.6 V
Core Size	16K x 8
Controller Series	Internal
Connectivity	32-Bit
Clock Rate	56

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	<p>Part#: <a href="#">MK3200S</a></p> <p>Description: IC CLOCK OSC 32.768KHZ 8-SOIC</p> <p>Manufacturers: <a href="#">IDT (Integrated Device Technology)</a></p> <p>In Stock: 5633</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256VLH7</a></p> <p>Description: IC MCU 32BIT 256KB FLASH 64LQFP</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 16523</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256VLQ10</a></p> <p>Description: IC MCU 32BIT 256KB FLASH 144LQFP</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 10809</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX64VMB7</a></p> <p>Description: IC MCU 32BIT 64KB FLASH 81MAPBGA</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 5712</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256VMB7</a></p> <p>Description: IC MCU 32BIT 256KB FLASH 81BGA</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 4216</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX64VLH7</a></p> <p>Description: IC MCU 32BIT 64KB FLASH 64LQFP</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 17884</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256VMC7</a></p> <p>Description: IC MCU 32BIT 256KB FLASH 121BGA</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 12417</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256VLL7</a></p> <p>Description: IC MCU 32BIT 256KB FLASH 100LQFP</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 13464</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK3200SILF</a></p> <p>Description: IC CLOCK OSC 32.768KHZ 8-SOIC</p> <p>Manufacturers: <a href="#">IDT (Integrated Device Technology)</a></p> <p>In Stock: 5029</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX64VLK7R</a></p> <p>Description: IC MCU 32BIT 64KB FLASH 80LQFP</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 24990</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256ZVMD10</a></p> <p>Description: IC MCU 32BIT 256KB FLASH 144BGA</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 5288</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256VLL7R</a></p> <p>Description: KINETIS K 32-BIT MCU ARM CORTEX</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 15340</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK3200SI</a></p> <p>Description: IC CLOCK OSC 32.768KHZ 8-SOIC</p> <p>Manufacturers: <a href="#">IDT (Integrated Device Technology)</a></p> <p>In Stock: 5645</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX64VMC7</a></p> <p>Description: IC MCU 32BIT 64KB FLASH 121BGA</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 17326</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK3200GLF</a></p> <p>Description: IC CLOCK OSC 32.768KHZ 8MSOP</p> <p>Manufacturers: <a href="#">IDT (Integrated Device Technology)</a></p> <p>In Stock: 4489</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256ZVLQ10</a></p> <p>Description: IC MCU 32BIT 256KB FLASH 144LQFP</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 10099</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30R1FE-R52</a></p> <p>Description: RES 30.1 OHM 1/4W 1% AXIAL</p> <p>Manufacturers: <a href="#">Ohmite</a></p> <p>In Stock: 3644046</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK30DX256VLK7</a></p> <p>Description: IC MCU 32BIT 256KB FLASH 80LQFP</p> <p>Manufacturers: <a href="#">NXP Semiconductors / Freescale</a></p> <p>In Stock: 14266</p> <p><a href="#">RFQ</a></p>
	<p>Part#: <a href="#">MK3200GLFT</a></p> <p>Description: IC CLOCK OSC 32.768KHZ 8MSOP</p> <p>Manufacturers: <a href="#">IDT (Integrated Device Technology)</a></p> <p>In Stock: 4314</p> <p><a href="#">RFQ</a></p>

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