

MKV58F1M0VLQ24



Part Number: [MKV58F1M0VLQ24](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 144LQFP

Data sheet:  [KV5x Family Product Brief](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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PRODUCT PARAMETER			
Part Number	MKV58F1M0VLQ24	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	6636 pcs	Data sheet	KV5x Family Product Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.71 V ~ 3.6 V
Supplier Device Package	144-LQFP (20x20)	Speed	240MHz
Series	Kinetis KV	RAM Size	256K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, LVD, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Other Names	935316348557
Oscillator Type	Internal	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	111	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	-	Detailed Description	ARM® Cortex®-M7 Kinetis KV Microcontroller IC 32-Bit 240MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 4x12b, 1x16b, D/A 1x12b	Core Size	32-Bit
Core Processor	ARM® Cortex®-M7	Connectivity	CANbus, Ethernet, I²C, SPI, UART/USART
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