

NXP Semiconductors / Freescale

### SPC5604BK0VLQ6R

Part Number:	SPC5604BK0VLQ6R
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 512KB FLASH 144LQFP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	9548 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

#### Specifications of SPC5604BK0VLQ6R

PART NUMBER	SPC5604BK0VLQ6R
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	9548 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	64MHz
SERIES	MPC56xx Qorivva
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	144-LQFP
OTHER NAMES	935312071528
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	123
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	64K x 8
DETAILED DESCRIPTION	e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit 64MHz 512KB (512K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 36x10b
CORE SIZE	32-Bit
CORE PROCESSOR	e200z0h
CONNECTIVITY	CANbus, I <sup>2</sup> C, LINbus, SCI, SPI

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#### Related Products

	<p><b>SPC5604CAMLH6</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 512KB FLASH 64LQFP                  In stock: 8445 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5604BK0VLQ6</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 512KB FLASH 144LQFP                  In stock: 6240 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5604CAMLH6R</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 512KB FLASH 64LQFP                  In stock: 10744 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5604CAML6R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 8825 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5604BK0VLQ4R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 9306 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5604BK0VLL6R</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 9306 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5604BK0VLL4R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 9774 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5604BK0VLQ4</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 9696 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5604BK0VLL6</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 512KB FLASH 100LQFP                  In stock: 7946 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5604CAML6</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 8173 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5604CAVLL6R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 9025 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5604CAVLL6</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 7657 pcs</p> <p><a href="#">RFQ</a></p>