

NXP Semiconductors / Freescale

### SPC5607BAVLQ6

Part Number: [SPC5607BAVLQ6](#)  
 Manufacturer/Brand: NXP Semiconductors / Freescale  
 Product description: NXP 32-BIT MCU POWER ARCH CORE  
 Datasheets:  
 Stock Condition: 7132 pcs stock  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

#### Specifications of SPC5607BAVLQ6

PART NUMBER	SPC5607BAVLQ6
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	NXP 32-BIT MCU POWER ARCH CORE
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	7132 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	96K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1.5MB (1.5M x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	935323604557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	121
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	64K x 8
DETAILED DESCRIPTION	e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit 64MHz 1.5MB (1.5M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 15x10b, 5x12b
CORE SIZE	32-Bit
CORE PROCESSOR	e200z0h
CONNECTIVITY	CANbus, I <sup>2</sup> C, LINbus, SCI, SPI

#### Related Tags

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#### Related Products

	<p><b>SPC5607BAVLQ6</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 6162 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5607BAVLQ6R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 5850 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5607BAMLU6</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 6319 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5607BAVLQ6R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 6816 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5607BF1VLL6</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 7863 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5606SF2VLQ6R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 5723 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5606SF2VLU6</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 1MB FLASH 176LQFP                  In stock: 3241 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5607BF1MLU6</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 1.5MB FLASH 176LQFP                  In stock: 5938 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5607BF1VLL6R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 7228 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5606SF2VLU6R</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 1MB FLASH 176LQFP                  In stock: 4754 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5606SF2VLQ6</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 1MB FLASH 144LQFP                  In stock: 3383 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5607BAMLU6R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU POWER ARCH CORE                  In stock: 5359 pcs</p> <p><a href="#">RFQ</a></p>