

NXP Semiconductors / Freescale

### SPC5644CF0VLT1

Part Number: [SPC5644CF0VLT1](#)  
 Manufacturer/Brand: NXP Semiconductors / Freescale  
 Product description: NXP 32-BIT MCU DUAL POWER ARCH  
 Datasheets:  
 Stock Condition: 2802 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 SPC5644CF0VLT1

PART NUMBER	SPC5644CF0VLT1
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	NXP 32-BIT MCU DUAL POWER ARCH
LEAD FREE STATUS / ROHS STATUS	
QUANTITY AVAILABLE	2802 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	208-TQFP (28x28)
SPEED	80MHz/120MHz
SERIES	MPC56xx Qorivva
RAM SIZE	192K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1.5MB (1.5M x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	208-LQFP
OTHER NAMES	935317876557
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 105°C (TA)
NUMBER OF I/O	177
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
EEPROM SIZE	64K x 8
DETAILED DESCRIPTION	e200z4d, e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit Dual-Core 80MHz/120MHz 1.5MB (1.5M x 8) FLASH 208-TQFP (28x28)
DATA CONVERTERS	A/D 33x10b, 10x12b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	e200z4d, e200z0h
CONNECTIVITY	CANbus, Ethernet, I <sup>2</sup> C, LINbus, SCI, SPI

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#### Related Products

	<p><b>SPC5644CF0VLU8R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 4206 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5644CF0VLU1</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 1.5MB FLASH 176LQFP                  In stock: 3589 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5644CF0VLU8</b>                  Manufacturers: NXP                  Description: IC MCU 32BIT 1.5MB FLASH 176LQFP                  In stock: 3530 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5644CF0MMJ1R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 3808 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5644CK0MLT1</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 3508 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5644CF0MMJ1</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 3503 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5644CF0CLU8R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 4582 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5644CF0VLT1R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 3587 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5644CF0MLT1</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 3017 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5644CF0MLU1</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 3042 pcs</p> <p><a href="#">RFQ</a></p>
	<p><b>SPC5644CF0MLT1R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 3597 pcs</p> <p><a href="#">RFQ</a></p>		<p><b>SPC5644CF0VLU1R</b>                  Manufacturers: NXP                  Description: NXP 32-BIT MCU DUAL POWER ARCH                  In stock: 3691 pcs</p> <p><a href="#">RFQ</a></p>