



NXP Semiconductors / Freescale



Image may be representation. See specifications for product details.

SPC5643LF2MLQ1

Part Number:	SPC5643LF2MLQ1
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 1MB FLASH 144LQFP
Datasheets:	1.SPC5643LF2MLQ1.pdf 2.SPC5643LF2MLQ1.pdf 3.SPC5643LF2MLQ1.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

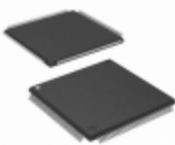
Specifications of SPC5643LF2MLQ1

PART NUMBER	SPC5643LF2MLQ1
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 1MB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.SPC5643LF2MLQ1.pdf 2.SPC5643LF2MLQ1.pdf 3.SPC5643LF2MLQ1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	3 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	120MHz
SERIES	MPC56xx Qorivva
RAM SIZE	128K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	1MB (1M x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OTHER NAMES	568-13551 935312727557 SPC5643LF2MLQ1-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
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	e200z4 MPC56xx Qorivva Microcontroller IC 32-Bit Dual-Core 120MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 32x12b
CORE SIZE	32-Bit Dual-Core
CORE PROCESSOR	e200z4
CONNECTIVITY	CANbus, FlexRay, LINbus, SPI, UART/USART
BASE PART NUMBER	SPC5643

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