

 	SPC5642AF2MLU2 Manufacturer Part Number: SPC5642AF2MLU2 Manufacturer/Brand: NXP Semiconductors / Freescale Part of Description: NXP 32-BIT MCU POWER ARCH CORE Datasheets:  SPC5642AF2MLU2.pdf RoHs Status: Stock Condition: New original, 2560 pcs Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS
Image may be representation. See specs for product details.	

Specifications	
Part Number	SPC5642AF2MLU2
Manufacturer	NXP Semiconductors / Freescale
Description	NXP 32-BIT MCU POWER ARCH CORE
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2560 pcs Stock
Voltage - Supply (Vcc/Vdd)	1.14 V ~ 5.25 V
Supplier Device Package	176-LQFP (24x24)
Speed	120MHz
Series	MPC56xx Qorivva
RAM Size	128K x 8
Program Memory Type	FLASH
Program Memory Size	2MB (2M x 8)
Peripherals	DMA, POR, PWM, WDT
Packaging	Tray
Package / Case	176-LQFP
Other Names	935325688557
Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	84
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	16 Weeks
EEPROM Size	-
Detailed Description	e200z4 MPC56xx Qorivva Microcontroller IC 32-Bit
Data Converters	A/D 40x12b
Core Size	32-Bit
Core Processor	e200z4
Connectivity	CANbus, EBI/EMI, LINbus, SCI, SPI

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