



Image may be representation. See specifications for product details.

SPC5644AF0MVZ1

Part Number:	SPC5644AF0MVZ1
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 4MB FLASH 324TEBGA
	 1.SPC5644AF0MVZ1.pdf
	 2.SPC5644AF0MVZ1.pdf
	 3.SPC5644AF0MVZ1.pdf
	 4.SPC5644AF0MVZ1.pdf
Datasheets:	
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SPC5644AF0MVZ1

PART NUMBER	SPC5644AF0MVZ1
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 4MB FLASH 324TEBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 1.SPC5644AF0MVZ1.pdf  2.SPC5644AF0MVZ1.pdf  3.SPC5644AF0MVZ1.pdf  4.SPC5644AF0MVZ1.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.14 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	324-TEPBGA (23x23)
SPEED	150MHz
SERIES	MPC56xx Qorivva
RAM SIZE	192K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	4MB (4M x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	324-BBGA
OTHER NAMES	568-14237 935314506557 SPC5644AF0MVZ1-ND
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	151
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	e200z4 MPC56xx Qorivva Microcontroller IC 32-Bit 150MHz 4MB (4M x 8) FLASH 324-TEPBGA (23x23)
DATA CONVERTERS	A/D 40x12b
CORE SIZE	32-Bit
CORE PROCESSOR	e200z4
CONNECTIVITY	CANbus, EBI/EMI, LINbus, SCI, SPI
BASE PART NUMBER	SPC5644

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