



NXP Semiconductors / Freescale

SPC5632MF2MLQ60

Part Number:	SPC5632MF2MLQ60
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description:	IC MCU 32BIT 768KB FLASH 144LQFP
Datasheets:	1.SPC5632MF2MLQ60.pdf 2.SPC5632MF2MLQ60.pdf 3.SPC5632MF2MLQ60.pdf
RoHS Status:	Lead free / RoHS Compliant
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 SPC5632MF2MLQ60

PART NUMBER	SPC5632MF2MLQ60
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 768KB FLASH 144LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.SPC5632MF2MLQ60.pdf 2.SPC5632MF2MLQ60.pdf 3.SPC5632MF2MLQ60.pdf
VOLTAGE - SUPPLY (VCC/VDD)	4.5 V ~ 5.25 V
SUPPLIER DEVICE PACKAGE	144-LQFP (20x20)
SPEED	60MHz
SERIES	MPC56xx Qorivva
RAM SIZE	48K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	768KB (768K x 8)
PERIPHERALS	DMA, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	144-LQFP
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 150°C (TA)
NUMBER OF I/O	80
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	e200z3 MPC56xx Qorivva Microcontroller IC 32-Bit 60MHz 768KB (768K x 8) FLASH 144-LQFP (20x20)
DATA CONVERTERS	A/D 32x12b
CORE SIZE	32-Bit
CORE PROCESSOR	e200z3
CONNECTIVITY	CANbus, EBI/EMI, LINbus, SCI, SPI, UART/USART
BASE PART NUMBER	SPC5632

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