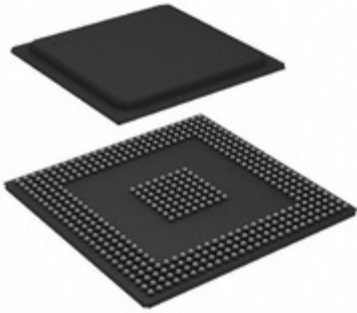


MPC5566MZIP144



Part Number: [MPC5566MZIP144](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 3MB FLASH 416BGA

Data sheet:  [MPC5566 Ref Manual](#)
 [MPC5566 Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

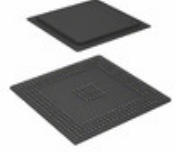
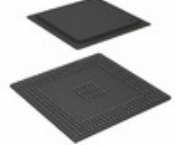
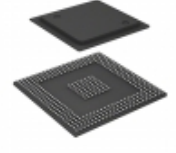
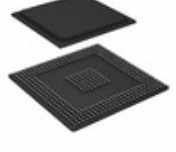
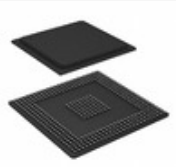
Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	MPC5566MZIP144	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 3MB FLASH 416BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	1626 pcs	Data sheet	MPC5566 Ref Manual MPC5566 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.35 V ~ 1.65 V
Supplier Device Package	416-PBGA (27x27)	Speed	144MHz
Series	MPC55xx Qorivva	RAM Size	128K x 8
Program Memory Type	FLASH	Program Memory Size	3MB (3M x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	416-BBGA	Other Names	935325464557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	256	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	e200z6 MPC55xx Qorivva Microcontroller IC 32-Bit 144MHz 3MB (3M x 8) FLASH 416-PBGA (27x27)	Data Converters	A/D 40x12b
Core Size	32-Bit	Core Processor	e200z6
Connectivity	CANbus, EBI/EMI, Ethernet, SCI, SPI	Base Part Number	PC5566

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	Part#: MPC555LFMZP40R2 Description: IC MCU 32BIT 448KB FLASH 272BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MPC5565EVB Description: BOARD EVALUATION MPC5565MZIP132	Manufacturers: NXP Semiconductors / Freescale	RFQ
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