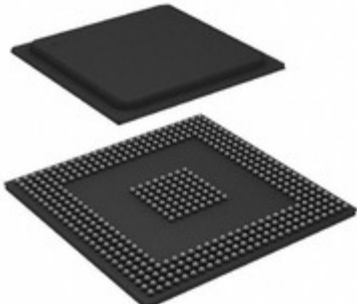


MPC5554MZIP132R2



Part Number: [MPC5554MZIP132R2](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 2MB FLASH 416BGA

Data sheet:  [MPC5553,54 Ref Manual](#)
 [MCP5554 Mask Set Errata](#)
 [MPC5554 Datasheet](#)

RoHs Status: Contains lead / RoHS non-compliant

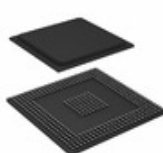
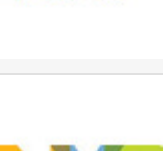
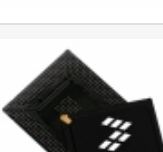
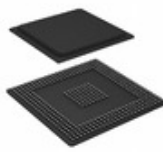
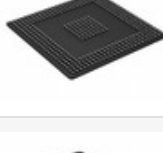
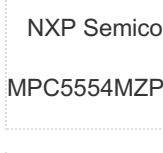
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PRODUCT PARAMETER			
Part Number	MPC5554MZIP132R2	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 2MB FLASH 416BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	2461 pcs	Data sheet	MPC5553,54 Ref Manual MCP5554 Mask Set Errata MPC5554 Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.35 V ~ 1.65 V
Supplier Device Package	416-PBGA (27x27)	Speed	132MHz
Series	MPC55xx Qorivva	RAM Size	64K x 8
Program Memory Type	FLASH	Program Memory Size	2MB (2M x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tape & Reel (TR)
Package / Case	416-BBGA	Other Names	935309596518
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	Contains lead / RoHS non-compliant	EEPROM Size	-
Detailed Description	e200z6 MPC55xx Qorivva Microcontroller IC 32-Bit 132MHz 2MB (2M x 8) FLASH 416-PBGA (27x27)	Data Converters	A/D 40x12b
Core Size	32-Bit	Core Processor	e200z6
Connectivity	CANbus, EBI/EMI, SCI, SPI	Base Part Number	MPC5554
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