

MPC555LFMZP40



Part Number: [MPC555LFMZP40](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 448KB FLASH 272BGA

Data sheet:  [MPC555 User Manual](#)
 [MPC555 Prod Brief](#)

RoHs Status: Contains lead / RoHS non-compliant

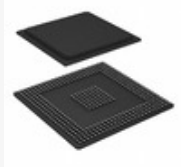
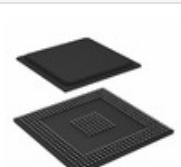
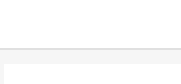
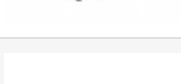
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PRODUCT PARAMETER			
Part Number	MPC555LFMZP40	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 448KB FLASH 272BGA	Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant
Quantity Available	1077 pcs	Data sheet	MPC555 User Manual MPC555 Prod Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	2.7 V ~ 5.5 V
Supplier Device Package	272-PBGA (27x27)	Speed	40MHz
Series	MPC5xx	RAM Size	26K x 8
Program Memory Type	FLASH	Program Memory Size	448KB (448K x 8)
Peripherals	POR, PWM, WDT	Packaging	Tray
Package / Case	272-BBGA	Other Names	935316699557
Oscillator Type	External	Operating Temperature	-40°C ~ 125°C (TA)
Number of I/O	101	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Contains lead / RoHS non-compliant	EEPROM Size	-
Detailed Description	PowerPC MPC5xx Microcontroller IC 32-Bit 40MHz 448KB (448K x 8) FLASH 272-PBGA (27x27)	Data Converters	A/D 32x10b
Core Size	32-Bit	Core Processor	PowerPC
Connectivity	CANbus, EBI/EMI, SCI, SPI, UART/USART	Base Part Number	MPC555
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	Part#: MPC5561EVB Description: BOARD EVALUATION MPC5561	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC555LFAVR40 Description: IC MCU 32BIT 448KB FLASH 272BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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