

NXP Semiconductors / Freescale

MPC564MZP56R2

Part Number:	MPC564MZP56R2
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 388BGA
Datasheets:	
RoHs Status	 Contains lead / RoHS non-compliant
Stock Condition	6966 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MPC564MZP56R2

PART NUMBER	MPC564MZP56R2
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 388BGA
LEAD FREE STATUS / ROHS STATUS	Contains lead / RoHS non-compliant
QUANTITY AVAILABLE	6966 pcs
DATA SHEET	
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 2.7 V
SUPPLIER DEVICE PACKAGE	388-PBGA (27x27)
SPEED	56MHz
SERIES	MPC5xx
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	388-BBGA
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF I/O	56
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 56MHz 512KB (512K x 8) FLASH 388-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	MPC564

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	MPC565CVR40 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 388BGA In stock: 6536 pcs RFQ		MPC564MZP66R2 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 388BGA In stock: 3393 pcs RFQ
	MPC564MVR56R2 Manufacturers: NXP Description: IC MCU 32BIT 512KB FLASH 388BGA In stock: 3146 pcs RFQ		MPC565CVR56 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 388BGA In stock: 989 pcs RFQ
	MPC564EVB Manufacturers: NXP Description: KIT EVAL FOR MPC561/562/563/564 In stock: 108 pcs RFQ		MPC565CZP40 Manufacturers: NXP Description: IC MCU 32BIT 1MB FLASH 388BGA In stock: 1119 pcs RFQ
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