



NXP Semiconductors / Freescale

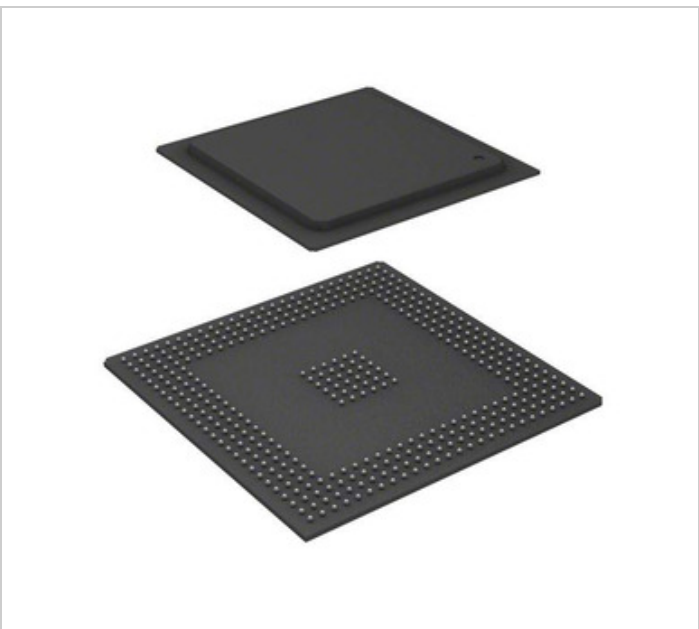


Image may be representation. See specifications for product details.

MPC564CVR40

Part Number:	MPC564CVR40
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MCU 32BIT 512KB FLASH 388BGA
Datasheets:	 MPC564CVR40.pdf
RoHs Status	 Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

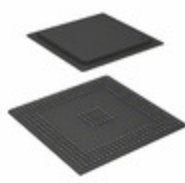
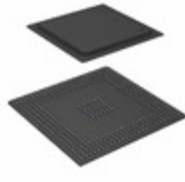
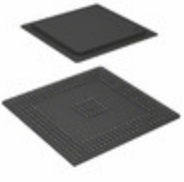
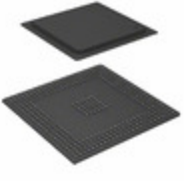
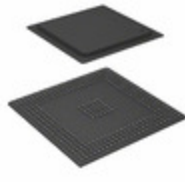
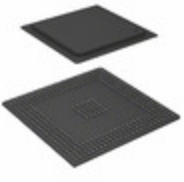
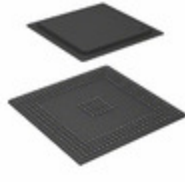
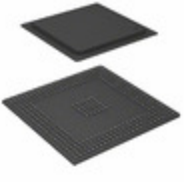
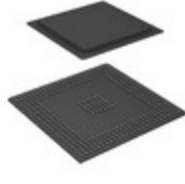
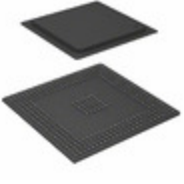
Specifications of MPC564CVR40

PART NUMBER	MPC564CVR40
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MCU 32BIT 512KB FLASH 388BGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	 MPC564CVR40.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.5 V ~ 2.7 V
SUPPLIER DEVICE PACKAGE	388-PBGA (27x27)
SPEED	40MHz
SERIES	MPC5xx
RAM SIZE	32K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	512KB (512K x 8)
PERIPHERALS	POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	388-BBGA
OSCILLATOR TYPE	External
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	56
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	-
DETAILED DESCRIPTION	PowerPC MPC5xx Microcontroller IC 32-Bit 40MHz 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

Related Tags

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Freescale Semiconductor - NXP MPC564CVR40	NXP USA Inc. MPC564CVR40	

Related Products

 MPC564CZP40 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 388BGA In stock: Out stock RFQ	 MPC563MVR66 Manufacturers: NXP USA Inc. Description: IC MCU 32BIT 512KB FLASH 388BGA In stock: Out stock RFQ
 MPC563MZP56 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 388BGA In stock: Out stock RFQ	 MPC564CZP66 Manufacturers: NXP Semiconductors / Freescale Description: IC MCU 32BIT 512KB FLASH 388BGA In stock: Out stock RFQ
 MPC564EVB Manufacturers: NXP Semiconductors / Freescale Description: KIT EVAL FOR MPC561/562/563/564 In stock: Out stock RFQ	 MPC563MZP66 Manufacturers: NXP USA Inc. Description: IC MCU 32BIT 512KB FLASH 388BGA In stock: Out stock RFQ
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