

MPC5517GAVMG80



Part Number: [MPC5517GAVMG80](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1.5MB FLASH 208BGA

Data sheet:  [MPC5510 Family Reference Manual](#)
 [MPC5510 Family Datasheet](#)

RoHs Status: Lead free / RoHS Compliant

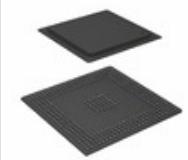
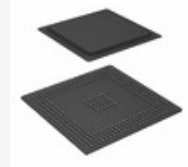
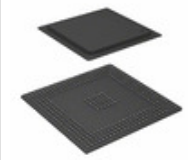
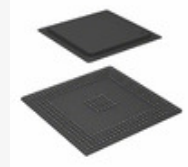
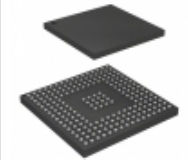
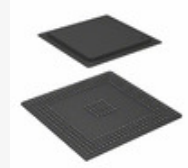
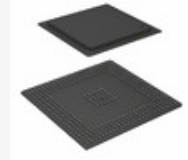
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PRODUCT PARAMETER			
Part Number	MPC5517GAVMG80	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1.5MB FLASH 208BGA	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3299 pcs	Data sheet	MPC5510 Family Reference Manual MPC5510 Family Datasheet
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	1.35 V ~ 1.65 V
Supplier Device Package	208-MAPBGA (17x17)	Speed	80MHz
Series	MPC55xx Qorivva	RAM Size	80K x 8
Program Memory Type	FLASH	Program Memory Size	1.5MB (1.5M x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	208-BGA	Other Names	935322912557
Oscillator Type	External	Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	144	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	e200z1 MPC55xx Qorivva Microcontroller IC 32-Bit 80MHz 1.5MB (1.5M x 8) FLASH 208-MAPBGA (17x17)	Data Converters	A/D 40x12b
Core Size	32-Bit	Core Processor	e200z1
Connectivity	CANbus, EBI/EMI, I ² C, SCI, SPI	Base Part Number	MPC5517
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	Part#: MPC535CZP40 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC5510KIT144 Description: KIT DEVELOPMENT FOR MPC5	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MPC535CVR40 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: MPC5534EVBGHS Description: KIT EVAL GREEN HILLS SOFTWARE	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC5553EVBGHS Description: KIT EVAL GREEN HILLS SOFTWARE	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: MPC536CZP40 Description: IC MCU 32BIT 1MB FLASH 388BGA	Manufacturers: NXP Semiconductors / Freescale	RFQ

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