

PPC5606BCLQ64



Part Number: [PPC5606BCLQ64](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MCU 32BIT 1MB FLASH 144LQFP

Data sheet:  [MPC5607B](#)
 [MPC5605-7B Ref Manual](#)
 [MPC5605-7B Brief](#)

RoHs Status: Lead free / RoHS Compliant

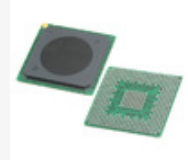
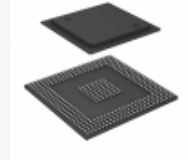
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PRODUCT PARAMETER			
Part Number	PPC5606BCLQ64	Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1MB FLASH 144LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5182 pcs	Data sheet	MPC5607B MPC5605-7B Ref Manual MPC5605-7B Brief
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	144-LQFP (20x20)	Speed	64MHz
Series	MPC56xx Qorivva	RAM Size	80K x 8
Program Memory Type	FLASH	Program Memory Size	1MB (1M x 8)
Peripherals	DMA, POR, PWM, WDT	Packaging	Tray
Package / Case	144-LQFP	Oscillator Type	Internal
Operating Temperature	-40°C ~ 85°C (TA)	Number of I/O	121
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
EEPROM Size	64K x 8	Detailed Description	e200z0h MPC56xx Qorivva Microcontroller IC 32-Bit 64MHz 1MB (1M x 8) FLASH 144-LQFP (20x20)
Data Converters	A/D 15x10b, 5x12b	Core Size	32-Bit
Core Processor	e200z0h	Connectivity	CANbus, I ² C, LINbus, SCI, SPI
Base Part Number	PC5606		
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	Part#: PPC5121VY400 Description: IC MCU 32BIT ROMLESS 516FPBGA	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PPC5605BCLQ64 Description: IC MCU 32BIT 768KB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PPC5604BCLL64 Description: IC MCU 32BIT 512KB FLASH 100LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PPC5606BCLQ48 Description: IC MCU 32BIT 1MB FLASH 144LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
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	Part#: PPC5606BCLU48 Description: IC MCU 32BIT 1MB FLASH 176LQFP	Manufacturers: NXP Semiconductors / Freescale	RFQ
	Part#: PPC7 BK080 Description: CABLE GLAND 3-6.5MM PG7 POLY	Manufacturers: Alpha Wire	RFQ

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