

DSP56301AG80
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Specifications	
Part Number	SPC5644BF0VLT1
Manufacturer	NXP Semiconductors / Freescale
Description	IC MCU 32BIT 1.5MB FLASH 208LQFP
Category	Integrated Circuits (ICs) > Embedded - Microcontrollers
Part Status	2670 pcs Stock
Voltage - Supply (Vcc/Vdd)	3 V ~ 5.5 V
Supplier Device Package	208-LQFP (28x28)
Speed	120MHz
Series	MPC56xx Qorivva
RAM Size	128K 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-LQFP
Oscillator Type	Internal
Operating Temperature	-40°C ~ 105°C (TA)
Number of I/O	177
EEPROM Size	4K x 16
Data Converters	A/D 43x10b/12b
Core Size	32-Bit
Core Processor	e200z4d
Connectivity	CAN, I²C, LIN, SCI, SPI

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