

24-BIT Digital Signal Processor PBFREE

Manufacturers	NXP Semiconductor
Package/Case	BGA196
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for DSP56303VL100 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

DSP56303VL100 is a digital signal processor (DSP) chip manufactured by NXP Semiconductors. It belongs to the 563xx family of DSPs, which are designed for high-performance signal processing applications.

Features

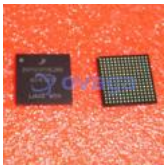
- 24-bit fixed-point digital signal processing
- Clock speed of up to 60 MHz
- 64 KB of program ROM and 32 KB of data RAM
- On-chip peripherals including timers, serial ports, and interrupt controllers
- Low power consumption

Application

- Audio and video processing
- Telecommunications
- Control systems
- Image processing
- Instrumentation and measurement



Related Products



[DSP56321VL240](#)

NXP Semiconductor
196-BGA



[DSP56F827FG80E](#)

NXP Semiconductor
LQFP-128



[DSP56F807PY80E](#)

NXP Semiconductor
LQFP-160



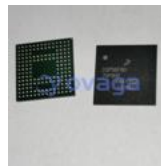
[DSP56F801FA80E](#)

NXP Semiconductor
LQFP-48



[DSP56311VL150](#)

NXP Semiconductor
BGA-196



[DSP56F807VF80E](#)

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MAPBGA-160



[DSP56F805FV80E](#)

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[DSP56F801FA60E](#)

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LQFP-48