

16 BIT HYBRID CONTROLLER, Digitala signalprocessorer och kontrollrar (DSP, DSC)
80Mhz/40MIPS

Manufacturers	NXP Semiconductor
Package/Case	LQFP-144
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for DSP56F805FV80E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

DSP56F805FV80E is a digital signal processor (DSP) manufactured by NXP Semiconductors. It is a member of the DSP56800E core family and is designed for high-performance embedded control applications. Here are some of its features:

Features

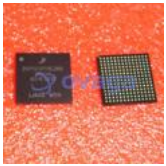
- 80 MHz Clock Speed
- 128KBytes of Flash memory
- 16KBytes of RAM
- 10-bit A/D converter with 16 analog input channels
- Dual-channel DMA
- 8 timers
- Two 12-bit D/A converters
- 10-bit PWM outputs
- SPI, I2C, CAN, and UART communication interfaces
- Operating Voltage: 3.0V to 3.6V

Application

- Motor control
- Power conversion
- Audio processing
- Communication systems
- Industrial automation
- Medical equipment



Related Products



[DSP56321VL240](#)

NXP Semiconductor
196-BGA



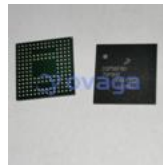
[DSP56311VL150](#)

NXP Semiconductor
BGA-196



[DSP56F827FG80E](#)

NXP Semiconductor
LQFP-128



[DSP56F807VF80E](#)

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MAPBGA-160



[DSP56F807PY80E](#)

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LQFP-160



[DSP56F801FA80E](#)

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LQFP-48



[DSP56F801FA60E](#)

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[DSP56301AG80](#)

NXP Semiconductor
TQFP-208