

Digital Signal Controller, 56800E Series, 80 MHz, 128 KB, 32 I/O's, CAN, SCI, SPI, 3.3 V

Manufacturers	NXP Semiconductor
Package/Case	LQFP-160
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for DSP56F807PY80E or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

RFQ

General Description

DSP56F807PY80E is a digital signal processor (DSP) from NXP Semiconductors.

Features

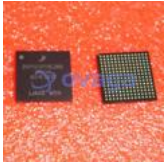
- 16-bit fixed-point digital signal processor
- 80 MHz maximum operating frequency
- 128 KB on-chip flash memory
- 12 KB on-chip SRAM
- Integrated peripherals, including timers, interrupt controller, serial interfaces, and more
- Supports both single-cycle and zero-overhead looping instructions
- Low power consumption

Application

- Audio processing and effects
- Motor control
- Medical equipment
- Automotive electronics
- Industrial control and automation



Related Products



[DSP56321VL240](#)

NXP Semiconductor
196-BGA



[DSP56F827FG80E](#)

NXP Semiconductor
LQFP-128



[DSP56F805FV80E](#)

NXP Semiconductor
LQFP-144



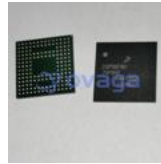
[DSP56F801FA60E](#)

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LQFP-48



[DSP56311VL150](#)

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BGA-196



[DSP56F807VF80E](#)

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NXP Semiconductor
TQFP-208