

DSP Fixed-Point 16bit 52.5MHz 52MIPS 100-Pin LQFP Tray

Manufacturers	Analog Devices, Inc
Package/Case	LQFP-100
Product Type	Embedded Processors & Controllers
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADSP-2187LBSTZ-210 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

ADSP-2187LBSTZ-210 is a digital signal processor (DSP) from Analog Devices. Here are some of its features:

Features

It has a 16-bit fixed-point core with a maximum clock speed of 40 MHz.

It has 256 kB of on-chip program memory (ROM) and 80 kB of on-chip data memory (RAM).

It has a range of peripherals, including 16-bit timers, serial ports, and a parallel port.

Application

Audio and video compression and decompression

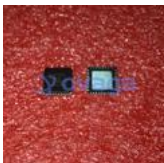
Digital filtering and equalization

Speech recognition and synthesis

Motor control and power conversion



Related Products



[ADUC7022BCPZ62](#)

Analog Devices, Inc
LFCSP-40



[ADUC7020BCPZ62](#)

Analog Devices, Inc
LFCSP-40



[ADUC841BSZ62-5](#)

Analog Devices, Inc
QFP-52



[ADUC841BSZ62-3](#)

Analog Devices, Inc
QFP-52



[ADUC831BSZ](#)

Analog Devices, Inc
QFP-52



[ADSP-BF527BBCZ-5A](#)

Analog Devices, Inc
BGA-208



[ADSP-21369BBPZ-2A](#)

Analog Devices, Inc

SBGA-256



[ADSP-BF561SBBCZ-5A](#)

Analog Devices, Inc

CSPBGA-256