

Analog Devices Product Index

Amplifiers and Comparators

Audio Amplifiers
Charge Integrator Amplifiers
Comparators
Current Sense Amplifiers
Difference Amplifiers
Differential Amplifiers
High Voltage Amplifiers
Instrumentation Amplifiers
Isolation Amplifiers
Log Amplifiers/Detectors
LVDT Sensor Amplifiers
Operational Amplifiers (Op Amps)
Variable Gain Amplifiers
Video Amplifiers/Buffers/Filters

Analog Microcontrollers

Precision Analog MCUs

Analog-to-Digital Converters

Analog-to-Digital Converters
Audio Analog-to-Digital Converters
Capacitance-to-Digital Converters
Energy Measurement
High Speed Analog-to-Digital Converters
High Speed Codecs/AFE/MxFE®
Impedance-to-Analog Converters
Isolated Analog-to-Digital Converters
Synchro-/Resolver-to-Digital Converters
Temperature-to-Digital Converters
Touch Screen Controllers
Video Decoders
Voltage-to-Frequency Converters

Audio/Video Products

Analog/HDMI®/DVI Interfaces
Audio Amplifiers
Audio Analog-to-Digital Converters
Audio Codecs
Audio Digital-to-Analog Converters
Audio Signal Processors
Camera/Camcorder Analog Front Ends
Display Driver Electronics
Lens Driver Components
Sample Rate Converters
Video Amplifiers/Buffers/Filters
Video Codecs
Video Compression
Video Decoders
Video Encoders

Broadband Products

Broadband Amplifiers
Broadband Codecs
CATV Amplifiers/Splitters
Clock and Data Recovery/Retiming
Digital Crosspoint Switches

Clock and Timing Products

Clock and Data Recovery/Retiming
Clock Generation and Distribution
PLL Synthesizers/VCOs
VCOs (Microwave)

Digital-to-Analog Converters

Audio Digital-to-Analog Converters
Broadband Codecs
Digital Potentiometers
Digital-to-Analog Converters
Direct Digital Synthesis (DDS) and Modulators
Digital Upconverters/Downconverters
Transmission DACs (TxDAC®)
Video Encoders

Embedded Processing and DSP

Blackfin® Processors
SHARC® Processors
SigmaDSP® Processors
TigerSHARC® Processors
ADSP-21xx Processors

Fiber Optic Products

Clock and Data Recovery/Retiming
Laser Drivers
Log/Limiting Amplifiers
Transimpedance Amplifiers

Interface and Isolation

CAN
Digital Isolators
HART Modem
Isolated Gate Drivers
Isolated Σ - Δ ADCs
Level Translators
Linear Isolators
LVDS/MLVDS
Mobile I/O Expander and Keypad Controllers
Protection Products
RS-232
RS-485/RS-422
Touch Controllers
USB Isolators

MEMS

Accelerometers
Gyroscopes
Inertial Measurement Units (IMUs)

Power Management Products

Battery Management
Digital Power Management
Display and Lighting
Hot Swap
Linear Regulators
MOSFET Drivers
Multioutput Regulators
Power Monitors

Sequencing
Supervisors
Switched Capacitor Converters
Switching Controllers
Switching Regulators

References

Voltage References

RF/IF ICs

Amplifiers
Attenuators/VGAs/Filters
Detectors
Direct Digital Synthesis (DDS) and Modulators
Digital Upconverters/Downconverters
Integrated Transceivers/Transmitters/Receivers
Mixers/Multipliers
Modulators/Demodulators
PLL Synthesizers/VCOs
Prescalers (Microwave)
Switches
Timing ICs and Clocks

Sensors

Temperature Sensors
Hall Effect Sensors
MEMS Inertial Sensors

Switches/Multiplexers

Analog Crosspoint Switches
Analog Switches
Digital Crosspoint Switches
Multiplexers (Muxes)
Protection Products
RF Switches

Temperature Sensing and Thermal Management Products

Analog Temperature Sensors
Digital Temperature Sensors
Temperature Switches
Thermocouple Interface

Other Linear Products

Aerospace and Defense
Analog Multipliers/Dividers
Automatic Test Equipment
IOS Subsystems
Matched Transistors
Multichip Modules
RMS-to-DC Converters
Sample-/Track-and-Hold Amplifiers

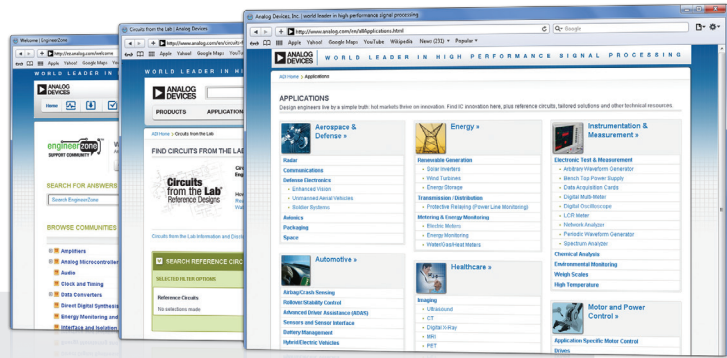
User Interface

Capacitive Touch Controllers
Haptics Controllers
Resistive Touch Controllers

Simplifying Designs for Your Competitive Edge

- Innovative, breakthrough products
- Complete signal chain solutions
- System-level integration and software
- Superior services and user experiences

Everything you need to design with confidence on www.analog.com.



Applications Microsites on Analog.com Assist in Your Design Process

Navigate easily to your area of design interest. Quickly review trade-offs of different design choices. Access application notes, webcasts, design guides, and more.

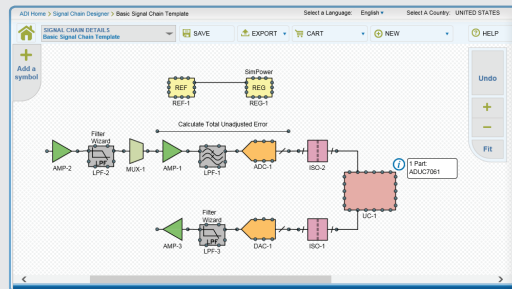
- Aerospace and Defense
- Automotive
- Building Technology
- Communications
- Consumer
- Energy
- Healthcare
- Instrumentation and Measurement
- Motor and Power Control
- Process Control and Industrial Automation
- Security and Surveillance

Leading Online Design Resources

Signal Chain Designer

Signal Chain Designer™ is an advanced product selection and recommendation toolset that provides an easy to use, one stop circuit builder for design engineers. It brings together a powerful search engine, integrated design tools, verified product combinations, and tested applications circuits with all necessary design documentation to help engineers shorten design time and reduce risk.

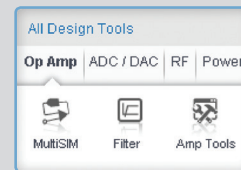
www.analog.com/signalchaindesigner



Design and Simulation Tools

Analog Devices design tools enable users to quickly and easily select, model, simulate, and evaluate our industry-leading technologies and products.

www.analog.com/tools



Circuits from the Lab Reference Designs

Circuits from the Lab® reference designs are engineered and tested by our technology and applications experts. Design files and hardware are available for easy integration into your project.

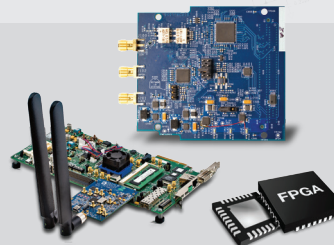
www.analog.com/circuits

**Circuits
from the Lab®**
Reference Designs

FPGA Reference Designs

Easy interface and connectivity of Analog Devices components to FPGAs is enabled through the use of FMC boards, FMC interposers, and Pmod™ peripheral modules. Analog Devices offers HDL interface code, device drivers, and reference designs.

www.analog.com/alliances



Technical Support

Engage with the Analog Devices technology experts in our online support community. Ask your tough design questions, browse FAQs, or join a discussion.

ez.analog.com

engineerzone™
SUPPORT COMMUNITY

**Analog Devices, Inc.
Worldwide Headquarters**
Analog Devices, Inc.
One Technology Way
P.O. Box 9106
Norwood, MA 02062-9106
U.S.A.
Tel: 781.329.4700
(800.262.5643,
U.S.A. only)
Fax: 781.461.3113

**Analog Devices, Inc.
Europe Headquarters**
Analog Devices, Inc.
Wilhelm-Wagenfeld-Str. 6
80807 Munich
Germany
Tel: 49.89.76903.0
Fax: 49.89.76903.157

**Analog Devices, Inc.
Japan Headquarters**
Analog Devices, KK
New Pier Takeshiba
South Tower Building
1-16-1 Kaigan, Minato-ku,
Tokyo, 105-6891
Japan
Tel: 813.5402.8200
Fax: 813.5402.1064

**Analog Devices, Inc.
Asia Pacific Headquarters**
Analog Devices
5F, Sandhill Plaza
2290 Zuchongzhi Road
Zhangjiang Hi-Tech Park
Pudong New District
Shanghai, China 201203
Tel: 86.21.2320.8000
Fax: 86.21.2320.8222