



AHEAD OF WHAT'S POSSIBLE™

NEW PRODUCTS LISTING

PROOF

Amplifier

- ▶ **HMC1099:** 10 W GaN Power Amplifier, 0.01 GHz to 1.1 GHz
- ▶ **ADPD2210:** Ultralow Noise, Low Power Current Amplifier
- ▶ **ADA4622-2:** 30 V, 7.5 MHz, Low Bias Current, Single-Supply, RRO, Precision Op Amp
- ▶ **ADA4806-1:** 0.2 $\mu\text{V}/^\circ\text{C}$ Offset Drift, 105 MHz, Low Power, Multimode, Rail-to-Rail Amplifier
- ▶ **ADA4807-4:** 3.1 $\text{nV}/\sqrt{\text{Hz}}$, 1 mA, 180 MHz, Rail-to-Rail Input/Output Amplifier

Analog-to-Digital Converters

- ▶ **AD9691:** 14-Bit, 1.25 GSPS JESD204B, Dual Analog-to-Digital Converter
- ▶ **ADAS1134:** 128-Channel, 24-Bit Current-to-Digital ADC
- ▶ **AD7091R-5:** 4-Channel, 1°C , Ultralow Power 12-Bit ADC in 20-Lead LFCSP/TSSOP

Application Specific

- ▶ **ADATE320:** 1.25 GHz Dual Integrated DCL with PPMU, Level Setting DACs, and On-Chip Calibration Registers
- ▶ **ADA8282:** Radar Receive Path AFE: 4-Channel LNA and PGA

Audio and Video

- ▶ **ADV7535:** MIPI/DSI Receiver with HDMI[®] Transmitter

Clock and Timing

- ▶ **AD9531*:** 3-Channel Clock Generator, 24 Outputs
- ▶ **HMC7044:** High Performance, 3.2 GHz, 14-Output Jitter Attenuator with JESD204B

Interface and Isolation

- ▶ **ADN4651:** 5 kV RMS, 600 Mbps Dual-Channel LVDS Isolator
- ▶ **ADuM110N:** Robust 3 kV RMS Single-Channel Digital Isolator
- ▶ **ADuM231D:** Robust 5 kV RMS Triple-Channel Digital Isolator, Input Disable (2/1 Channel Directionality)
- ▶ **ADuM230E:** Robust 5 kV RMS Triple-Channel Digital Isolator, Output Enable (3/0 Channel Directionality)
- ▶ **ADuM231E:** Robust 5 kV RMS Triple-Channel Digital Isolator, Output Enable (2/1 Channel Directionality)
- ▶ **ADuM230D:** Robust 5 kV RMS Triple-Channel Digital Isolator, Input Disable (3/0 Channel Directionality)
- ▶ **ADuM240D:** Robust 5 kV RMS Quad-Channel Digital Isolator, Input Disable (4/0 Channel Directionality)
- ▶ **ADuM241D:** Robust 5 kV RMS Quad-Channel Digital Isolator, Input Disable (3/1 Channel Directionality)
- ▶ **ADuM240E:** Robust 5 kV RMS Quad-Channel Digital Isolator, Output Enable (4/0 Channel Directionality)
- ▶ **ADuM241E:** Robust 5 kV RMS Quad-Channel Digital Isolator, Output Enable (3/1 Channel Directionality)
- ▶ **ADuM242E:** Robust 5 kV RMS Quad-Channel Digital Isolator, Output Enable (2/2 Channel Directionality)
- ▶ **ADuM242D:** Robust 5 kV RMS Quad-Channel Digital Isolator, Input Disable (2/2 Channel Directionality)
- ▶ **ADuM3123:** Isolated Precision Gate Driver, 4 A Output
- ▶ **ADuM130D:** Robust, Triple-Channel Isolator with Input Disable and 0 Reverse Channels
- ▶ **ADuM130E:** Robust, Triple-Channel Isolator with Output Enable and 0 Reverse Channels
- ▶ **ADuM131E:** Robust, Triple-Channel Isolator with Output Enable and 1 Reverse Channel
- ▶ **ADuM131D:** Robust, Triple-Channel Isolator with Input Disable and 1 Reverse Channel

Linear Products

- ▶ **ADR3512:** Micropower, High Accuracy Voltage

MEMS

- ▶ **ADXL316:** Small, Low Power, 3-Axis ± 16 g Accelerometer

Power Management

- ▶ **ADP2387:** 20 V, 6 A, Synchronous, Step-Down DC-to-DC Regulator
- ▶ **ADP5304:** Ultralow Power Step-Down Regulator with Input Voltage Monitor and Regulation
- ▶ **ADP5074:** 2.4 A, DC-to-DC Inverting Regulator
- ▶ **ADP5073:** 1.2 A, DC-to-DC Inverting Regulator
- ▶ **ADP5302:** 50 mA/500 mA, Ultralow Power Step-Down Regulator with Battery Voltage Monitor
- ▶ **ADP5303:** 50 mA/500 mA, Ultralow Power Step-Down Regulator with Battery Voltage Monitor
- ▶ **ADP1974:** Bidirectional Synchronous PWM Controller for Battery Test and Formation
- ▶ **ADP5300:** 50 mA/500 mA, High Efficiency, Ultralow Power Step-Down Regulator
- ▶ **ADP2389:** 18 V, 12 A Step-Down Regulator with Programmable Current Limit
- ▶ **ADP2390:** 18 V, 12 A Step-Down Regulator with Programmable Current Limit and PFM
- ▶ **ADP5075:** 800 mA, DC-to-DC Inverting Regulator

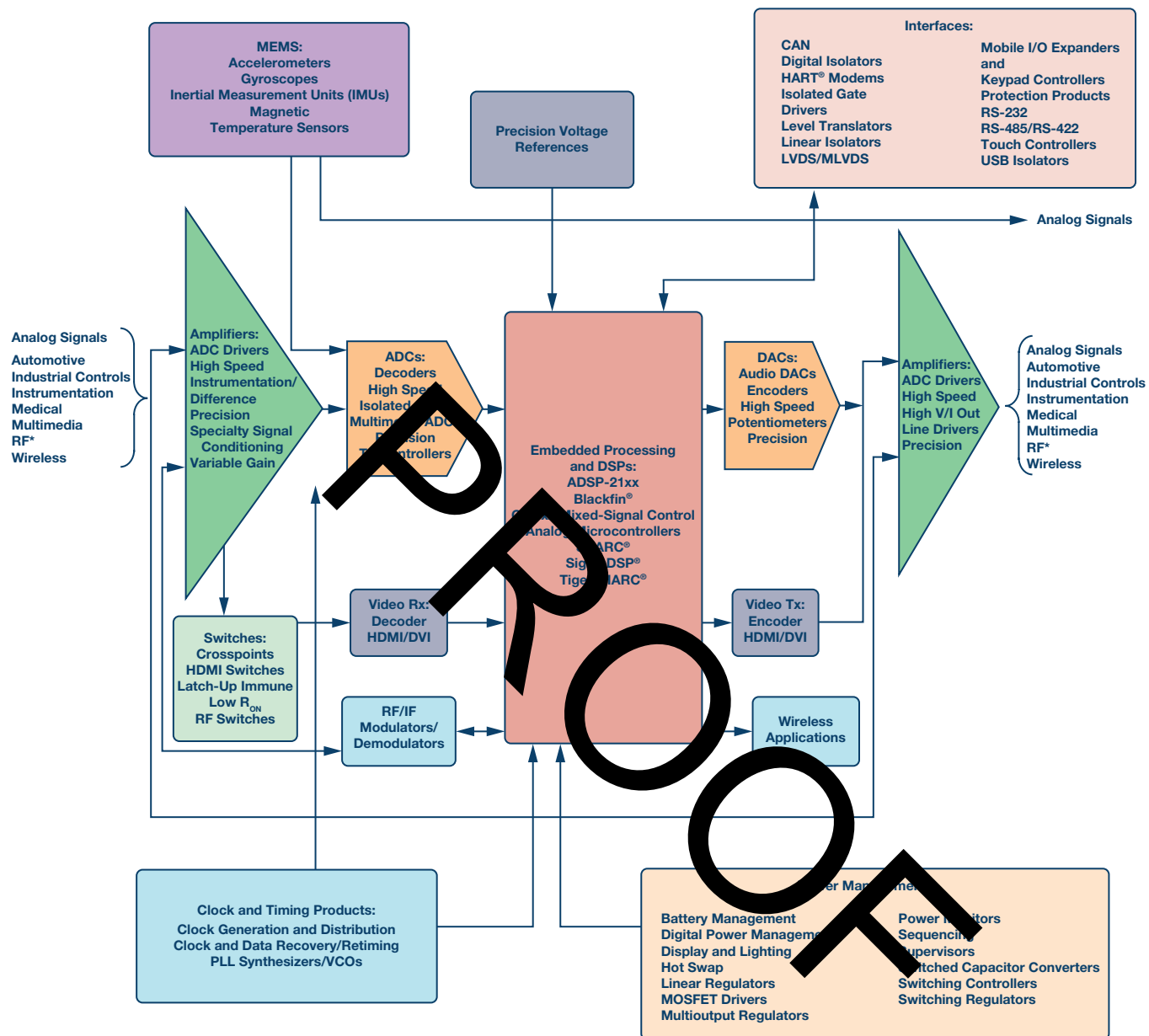
RF and Microwave

- ▶ **HMC1166:** 11.41 GHz to 12.62 GHz, MMIC VCO with Half Frequency Output
- ▶ **HMC7992:** Nonreflective, Silicon SP4T Switch, 0.1 GHz to 6.0 GHz
- ▶ **ADF5901:** 24 GHz VCO and PGA with 2-Channel PA Output
- ▶ **HMC930A-DIE:** GaAs, pHEMT, MMIC, 0.25 W Power Amplifier, DC to 40 GHz
- ▶ **ADH346S:** MMIC Voltage-Variable Attenuator DC to 20 GHz Die
- ▶ **ADH424S:** MMIC Digital Attenuator DC to 13 GHz Die
- ▶ **ADH232S:** High Isolation SPDT Switch DC to 16 GHz Die
- ▶ **HMC832A:** Fractional-N PLL with Integrated VCO, 25 MHz to 3000 MHz
- ▶ **HMC1165:** 11.07 GHz to 11.62 GHz, MMIC VCO with Half Frequency Output
- ▶ **HMC1144:** GaAs, pHEMT, MMIC, Medium Power Amplifier, 40 GHz to 70 GHz
- ▶ **HMC648A:** 6-Bit Digital Phase Shifter Chip and SMT, 2.9 GHz to 3.9 GHz
- ▶ **HMC6545:** 32 Gbps, Dual-Channel Advanced Linear Equalizer
- ▶ **HMC8038:** High Isolation, Silicon SPDT, Nonreflective Switch, 0.1 GHz to 6.0 GHz
- ▶ **HMC8191*:** 6 GHz to 26 GHz Wideband I/Q Mixer
- ▶ **HMC1096:** GaAs pHEMT, MMIC $\times 2$ Active Frequency Multiplier, 3.0 GHz to 5.6 GHz Output
- ▶ **HMC1161:** 8.01 GHz to 9.55 GHz MMIC VCO with Half Frequency Output
- ▶ **HMC557A/HMC557A/HMC557LC4:** GaAs Monolithic Microwave Integrated Circuit (MMIC), Double-Balanced Mixer Chip and Surface-Mount Technology (SMT), 2.3 GHz to 7.0 GHz
- ▶ **HMC1131:** GaAs, pHEMT, MMIC, Medium Power Amplifier, 24 GHz to 25 GHz
- ▶ **HMC951B:** 1.8 GHz Downconverter SMT, 0.6 GHz to 8.6 GHz
- ▶ **ADF7030:** High Performance, Low Power, 16.7 MHz ISM Band, Radio Transceiver IC
- ▶ **ADF4355-3:** Microwave Wideband Synthesizer with Integrated VCO

Switches and Multiplexers

- ▶ **HMC1118:** High Isolation SPDT Nonreflective Switch, 9 kHz to 13 GHz
- ▶ **ADG5243F:** User Defined Fault Protection and Detection, 0.8 pC Q_{off} , Triple SPDT
- ▶ **HMC244A*:** SP4T Hermetic Switch SMT, DC to 4 GHz

Generic Signal Chain



*Includes ADI's HMCxxx product portfolio.

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