ADS8664

ACTIVE

12-Bit SAR ADC With 4-Channels, 500kSPS, and Bipolar Inputs Off 5V Supply

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Product details

Resolution (Bits) 12 Sample rate (max) (ksps) 500 Number of input channels 4 Interface type SPI Architecture SAR Input type Single-ended Multichannel configuration Multiplexed Rating Catalog Reference mode Internal Input voltage range (max) (V) 10.24 Input voltage range (min) (V) -10.24 Features Daisy-Chainable, Oscillator, Over-Voltage Protection, PGA Operating temperature range (°C) -40 to 125 Power consumption (typ) (mW) 65 Analog supply (min) (V) 4.75 Analog supply voltage (max) (V) 5.25 SNR (dB) 73.8 Digital supply (min) (V) 1.65 Digital supply (max) (V) 5.25
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TSSOP (DBT) 38 62.08 mm² 9.7 x 6.4

- 12-Bit ADCs with Integrated Analog Front-End
- 4-, 8-Channel MUX with Auto and Manual Scan
- Channel-Independent Programmable Inputs:
  - ±10.24 V, ±5.12 V, ±2.56 V, ±1.28 V, ±0.64 V
  - 10.24 V, 5.12 V, 2.56 V, 1.28 V
- 5-V Analog Supply: 1.65-V to 5-V I/O Supply
- Constant Resistive Input Impedance: 1 MΩ
- Input Overvoltage Protection: Up to ±20 V
- On-Chip, 4.096-V Reference with Low Drift
- Excellent Performance:
  - 500-kSPS Aggregate Throughput
  - DNL: ±0.2 LSB; INL: ±0.2 LSB
  - Low Drift for Gain Error and Offset
  - SNR: 73.8 dB; THD: –95 dB
  - Low Power: 65 mW
- AUX Input → Direct Connection to ADC Inputs
- ALARM → High and Low Thresholds per Channel
- SPI™-Compatible Interface with Daisy-Chain
- Industrial Temperature Range: –40°C to 125°C
- TSSOP-38 Package (9.7 mm × 4.4 mm)

- 12-Bit ADCs with Integrated Analog Front-End
- 4-, 8-Channel MUX with Auto and Manual Scan
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The ADS8664 and ADS8668 are 4- and 8-channel, integrated data acquisition systems based on a 12-bit successive approximation (SAR) analog-to-digital converter (ADC), operating at a throughput of 500 kSPS. The devices feature integrated analog front-end circuitry for each input channel with overvoltage protection up to ±20 V, a 4- or 8-channel multiplexer with automatic and manual scanning modes, and an on-chip, 4.096-V reference with low temperature drift. Operating on a single 5-V analog supply, each input channel on the devices can support true bipolar input ranges of ±10.24 V, ±5.12 V, ±2.56 V, ±1.28V and ±0.64V, as well as unipolar input ranges of 0 V to 10.24 V, 0 V to 5.12 V, 0 V to 2.56 V and 0 V to 1.28 V. The gain of the analog front-end for all input ranges is accurately trimmed to ensure a high dc precision. The input range selection is software-programmable and independent for each channel. The devices offer a 1-MΩ constant resistive input impedance irrespective of the selected input range.

The ADS8664 and ADS8668 offer a simple SPI-compatible serial interface to the digital host and also support daisy-chaining of multiple devices. The digital supply operates from 1.65 V to 5.25 V, enabling direct interface to a wide range of host controllers.

The ADS8664 and ADS8668 are 4- and 8-channel, integrated data acquisition systems based on a 12-bit successive approximation (SAR) analog-to-digital converter (ADC), operating at a throughput of 500 kSPS. The devices feature integrated analog front-end circuitry for each input channel with overvoltage protection up to ±20 V, a 4- or 8-channel multiplexer with automatic and manual scanning modes, and an on-chip, 4.096-V reference with low temperature drift. Operating on a single 5-V analog supply, each input channel on the devices can support true bipolar input ranges of ±10.24 V, ±5.12 V, ±2.56 V, ±1.28V and ±0.64V, as well as unipolar input ranges of 0 V to 10.24 V, 0 V to 5.12 V, 0 V to 2.56 V and 0 V to 1.28 V. The gain of the analog front-end for all input ranges is accurately trimmed to ensure a high dc precision. The input range selection is software-programmable and independent for each channel. The devices offer a 1-MΩ constant resistive input impedance irrespective of the selected input range.

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Technical documentation

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Type	Title		Date
* Data sheet	ADS866x 12-Bit, 500-kSPS, 4- and 8-Channel, Single-Supply, SAR ADCs with Bipolar Input Ranges datasheet	PDF | HTML	14 Jul 2015
Circuit design	Input Protection for High-Voltage ADC Circuit with TVS Diode (Rev. A)	PDF | HTML	02 May 2023
Application note	Circuit for detecting input floating on ADS8681 ADC	PDF | HTML	31 Mar 2021
Application note	Reducing Phase Delay by Averaging on ADS8686S with Burst Sequencer Mode	PDF | HTML	11 Jan 2021
Circuit design	High common-mode differential input voltage to ±10-V ADC input circuit		20 Dec 2018
Application note	Extending Input Voltage Range and Understanding Associated Errors for ADC With I		09 Nov 2018
E-book	Best of Baker's Best: Precision Data Converters -- SAR ADCs		21 May 2015
User guide	Phase-Compensated 8-Ch Multiplexed Data Acquisition System for Power Automation (Rev. B)		12 Mar 2015

Design & development

For additional terms or required resources, click any title below to view the detail page where available.

GUI for evaluation module (EVM)

SBAC139 — ADS86xxEVM-PDK GUI

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Supported products & hardware

Supported products & hardware

Products

Precision ADCs

ADS8664 — 12-Bit SAR ADC With 4-Channels, 500kSPS, and Bipolar Inputs Off 5V Supply ADS8674 — 14-Bit 500kSPS 4-Channel SAR ADC With Bipolar Inputs Off 5V Supply ADS8684A — 16-Bit, 500-kSPS, 4-Ch SAR ADC w/ programmable (±10/±5/±2.5V) input ranges & ALARM on +5V supply ADS8694 — 18-Bit 500kSPS 4-Channel SAR ADC With Bipolar Inputs Off 5V Supply
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Simulation model

ADS8688 IBIS Model

SBAM199.ZIP (37 KB) - IBIS Model
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Simulation model

ADS868x TINA Model

SBAM201.ZIP (1597 KB) - TINA-TI Reference Design
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Calculation tool

ANALOG-ENGINEER-CALC — PC software analog engineer's calculator

The analog engineer’s calculator is designed to speed up many of the repetitive calculations that analog circuit design engineers use on a regular basis. This PC-based tool provides a graphical interface with a list of various common calculations ranging from setting operational-amplifier (...)

lock = Requires export approval (1 minute)
Supported products & hardware

Supported products & hardware

Products

Precision op amps (Vos<1mV)

INA1620 — High-fidelity audio operational amplifier with integrated thin-film resistors and EMI filtering OPA130 — Single, 1-MHz, 20-pA bias current, 530-µA power, FET operational amplifier OPA131 — Single, 4-MHz, 50-pA bias current, 750-µA power, FET operational amplifier OPA140 — Single-channel, 11-MHz, low-noise 36-V JFET precision operational amplifier with rail-to-rail output OPA140A-DIE — 11-MHz, low-noise 36-V JFET precision operational amplifier with rail-to-rail output OPA145 — Single, 5.5-MHz, high slew rate, low-noise, low-power, RRO precision JFET operational amplifier OPA177 — Precision Operational Amplifier OPA180 — 0.1-µV/°C Drift, Low-Noise, Rail-to-Rail Output, 36-V, Zero-Drift Operational Amplifier OPA180-Q1 — Automotive-Qualified 0.1µV/°C Drift, Low-Noise, RRO, 36V, Zero-Drift Op Amp OPA182 — Highest-precision, 36-V, 5-MHz, single, low-noise, zero-drift, MUX-friendly amplifier OPA186 — Single, 24-V, low-power (90 µA) 5-µV-offset zero-drift op amp with rail-to-rail input and o OPA187 — Zero drift (10µV, 0.001µV/°C), MUX-friendly, low-noise, RRO, CMOS precision op amp OPA188 — Precision, Low-Noise, Rail-to-Rail Output, 36V Zero-Drift Operational Amplifier OPA188-Q1 — Automotive-Qualified Precision, Low-Noise, RRO, 36V, Zero-Drift Operational Amplifier OPA189 — Single, 14-MHz, mux-friendly, low-noise, zero-drift, RRO, CMOS precision operational amplifier OPA191 — Low-Power, Precision, 36-V, e-trim CMOS Amplifier OPA192 — High-Voltage, Rail-to-Rail Input/Output, 5µV, 0.2µV/˚C, Precision Operational Amplifier OPA192-Q1 — Automotive High-Voltage Rail-to-Rail Input/Output Precision Op Amp E-Trim™ Series OPA196 — Single, 36-V, low power, all-purpose amplifier with mux-friendly input OPA197 — Single, 36-V, precision, rail-to-rail input output, low offset voltage op amp OPA197-Q1 — Single, automotive 36-V, precision, rail-to-rail input output, low offset voltage op amp OPA202 — Low-noise (0.2 µVPP, 9 nV/√Hz) heavy-capacitive-drive (25 nF) super-beta precision op amp OPA205 — Single, rail-to-rail bipolar precision e-trim™ op amp with low input bias current and low noise OPA206 — Low-power (240 µA) low-noise (8 nV/√Hz) precision e-trim™ op amp with super-beta inputs and OVP OPA207 — Low power (350µA), low noise (7.5nV/√Hz), high precision (100µV, 0.2µV/ºC), bipolar RRO op amp OPA209 — Single, 2.2-nV/rtHz, 18-MHz, precision, RRO, 36-V operational amplifier OPA210 — 2.2-nV/√Hz, low-power, 36-V operational amplifier OPA211 — 1.1nV/rtHz Noise, Low-Power, Precision Operational Amplifier OPA211-EP — Enhanced Product 1.1nV/rtHz Noise, Low Power, Precision Operational Amplifier OPA211-HT — High Temperature 1.1nV/rtHz Noise, Low Power, Precision Operational Amplifier OPA2130 — Dual, 1-MHz, 20-pA bias current, 530-µA power, FET operational amplifier OPA2131 — Dual, 4-MHz, 50-pA bias current, 750-µA power, FET operational amplifier OPA2140 — Dual-channel, 11-MHz, low-noise 36-V JFET precision operational amplifier with rail-to-rail output OPA2145 — Dual, 5.5-MHz, high slew rate, low-noise, low-power, RRO precision JFET operational amplifier OPA2156 — Low noise (3-nV/√Hz @10kHz), high speed (25-MHz, 40-V/µs), CMOS precision RRIO dual op amp OPA2180 — 0.1 uV/°C DRIFT, Low Noise, Rail-to-Rail Output, 36V Zero-Drift Op Amp OPA2180-Q1 — Automotive-Qualified 0.1 uV/°C Drift, Low Noise, RRO, 36V, Zero-Drift Op Amp OPA2182 — Industry’s lowest offset drift (0.012 uV/˚C, max), 5.7 nV/rtHz, MUX-friendly 36V op amp OPA2186 — Dual, 24-V, 90-µA 5-µV-offset zero-drift operational amplifier with rail-to-rail input and output OPA2187 — Zero-drift (10µV, 0.001µV/C˚), MUX-friendly, low-noise, RRO, CMOS precision op amp (dual) OPA2188 — 0.03µV/°C, 6µV Vos, Low Noise, Rail-to-Rail Output, 36V Zero-Drift Operational Amplifier OPA2188-Q1 — Automotive-Qualified 0.03µV/°C Drift, 6µV Vos, Low-Noise, RRO, 36V, Zero-Drift Op Amp OPA2189 — Dual, 14-MHz, MUX-friendly, low-noise, zero-drift, RRO, CMOS precision operational amplifier OPA2191 — Low-power, 36-V, CMOS precision e-trim™ operational amplifier OPA2192 — 36-V, Precision, RRIO, Low Offset Voltage, Low Input Bias Current Op Amp With e-trim OPA2192-Q1 — Automotive 36-V, Precision, RRIO, Low Offset Voltage, Low Input Bias Current Op Amp With e-trim OPA2196 — Dual, 36-V, low power, all-purpose amplifier with mux-friendly input OPA2197 — Dual 36-V, precision, rail-to-rail input output, low offset voltage op amp OPA2197-Q1 — Dual automotive 36-V, precision, rail-to-rail input output, low offset voltage op amp OPA2202 — Low-noise (0.2 µVPP, 9 nV/√Hz), heavy-capacitive-drive (25 nF) dual super-beta precision op amp OPA2205 — Dual, rail-to-rail bipolar precision e-trim™ op amp with low input bias current and low noise OPA2206 — OVP ±40-V, low-power, low-noise, precision amplifier with e-trim™ and super beta input transistors OPA2209 — Dual, 2.2-nV/rtHz, 18-MHz, precision, RRO, 36-V operational amplifier OPA2210 — Ultra-low noise (2.2-nV/√Hz), super beta (0.3nA), high precision (5µV, 0.1µV/°C), 36-V, dual op amp OPA2211-EP — 1.1 nV/√Hz Noise, Low Power, Precision Operational Amplifier OPA2211-HT — 1.1nV/rtHz noise, low power, precision op amp OPA2211A — 1.1nV/rtHz Noise, Low Power, Precision Operational Amplifier OPA2227 — Dual high precision, low noise operational amplifiers OPA2227-EP — Enhanced Product High Precision, Low Noise Operational Amplifier OPA2228 — Dual, wide bandwidth, high precision, low noise operational amplifiers OPA2237 — Dual Single-Supply Operational Amplifiers MicroAmplifier™ Series OPA2241 — Dual, 5V single-supply, micro power operational amplifiers OPA2251 — Dual, 15V single-supply, micro power operational amplifiers OPA227 — High Precision, Low Noise Operational Amplifiers OPA2277 — 10µV, 0.1µV/˚C, High-Precision, Low-Power Operational Amplifier OPA2277-DIE — High Precision Operational Amplifier OPA2277-EP — Enhanced Product High Precision Operational Amplifier OPA228 — 33-MHz, 3-nV/√Hz noise, high precision operational amplifiers OPA2317 — Dual, Low Offset, Rail-to-Rail I/O Operational Amplifier OPA2317-Q1 — OPAx317-Q1 Low-Offset, Rail-to-Rail I/O Operational Amplifier OPA2320 — Dual, precision, zero-crossover, 20-MHz, 0.9-pA Ib, RRIO, CMOS operational amplifier OPA2320-Q1 — Automotive, dual, precision, zero-crossover, 20-MHz, 0.9-pA Ib, RRIO, CMOS op amp OPA2325 — Dual precision, wide bandwidth, low noise, low power ADC driving op amp with RRIO and zero-crossover OPA2328 — Dual-channel, precision, 50-µV offset voltage, 40-MHz wide-bandwidth RRIO CMOS op amp OPA2330 — Dual, 1.8-V, 35-µA, micropower, precision, zero drift CMOS op amp OPA2333 — 1.8-V, 17-µA, two-channel, micropower zero-drift CMOS

operational amplifier OPA2333-HT — High-temperature, 1.8-V, 17-µA, two-channel, micropower zero-drift CMOS operational amplifier OPA2333-Q1 — Automotive, 1.8-V, 17-µA, two-channel, micropower zero-drift CMOS operational amplifier OPA2333A-EP — Enhanced-product, 1.8-V, 17-µA, two-channel, micropower zero-drift CMOS operational amplifier OPA2333P — 1.8-V, 17-µA, two-channel, micropower zero-drift CMOS operational amplifier with >300-kHz GBW OPA2334 — Dual 0.05uV/C max, single-supply CMOS operational amplifier with shutdown OPA2335 — Dual 0.05uV/C max, single-supply CMOS operational amplifier OPA2335M — 0.05uV/C max, Single-Supply CMOS Operational Amplifier OPA2336 — Single-Supply, MicroPower CMOS Operational Amplifiers MicroAmplifier Series OPA2340 — Dual single-supply, rail-to-rail, low power operational amplifier OPA2340-DIE — Single-Supply, Rail-to-Rail Operational Amplifier MicroAmplifier™ OPA2350 — Dual single-supply, rail-to-rail, high speed, low-noise operational amplifier OPA2369 — Dual, 1.8-V, 700-nA, zero-crossover rail-to-rail I/O operational amplifier OPA237 — Single-Supply Operational Amplifiers MicroAmplifier™ Series OPA2376 — Dual, precision, low-noise, low quiescent current operational amplifier OPA2376-Q1 — Low Noise, Low Quiescent Current, Precision Operational Amplifier e-trim/trade OPA2377 — Low-Cost, Low Noise, 5MHz CMOS Operational Amplifier OPA2377-Q1 — Automotive-Qualified, Rail-to-Rail In/Out, Low Noise, 5MHz CMOS Operational Amplifier OPA2378 — Dual, low-noise, 900-kHz, RRIO, precision operational amplifier, zero-drift series OPA2381 — Precision, Low Power, Transimpedance Amplifier OPA2387 — Ultra-high-precision zero-drift low-input-bias-current operational amplifier OPA2388 — Dual, 10-MHz, CMOS, zero-drift, zero-crossover, true RRIO precision operational amplifier OPA2388-Q1 — Dual, automotive qualified, wide-bandwidth, zero-drift, zero-crossover, precision amplifier OPA2391 — Dual, micropower, high speed-to-power ratio low-bias-current RRIO precision operational amplifier OPA2392 — Dual, low-offset (10 µV), low-noise (6 nV/√Hz) femptoamp-bias-current e-trim™ operational amplifier OPA241 — Single, 5V single-supply, micro power operational amplifiers OPA251 — Single, 15V single-supply, micro power operational amplifiers OPA27 — Ultra-low-noise (4.5-nV/√Hz), 100-µV offset, unity gain stable precision operational amplifier OPA2727 — e-trim™20MHz, High Precision CMOS Operational Amplifier OPA2734 — Dual 0.05uV/degC (max) single-supply CMOS operational amplifier, zero-drift series with shutdown OPA2735 — Dual 0.05uV/degC (max) single-supply CMOS operational amplifier, zero-drift series OPA277 — Dual, 36-V, 10µV offset, 0.1µV/°C drift, bipolar, operational amplifier OPA2828 — Dual, high-speed (45 MHz and 150 V/µs), 36-V, low-noise (4 nV/√Hz) RRO JFET operational amplifier OPA317 — Low Offset, Rail-to-Rail I/O Operational Amplifier OPA317-Q1 — Automotive-Qualified Operational Amplifier with Low-Offset, RRIO, and Low Current Consumption OPA320 — Precision, zero-crossover, 20-MHz, 0.9-pA Ib, RRIO, CMOS operational amplifier OPA320-Q1 — Automotive qualified, precision, zero-crossover, 20-MHz, 0.9-pA Ib, RRIO, CMOS operational amplifier OPA325 — Low noise (10nV/rtHz), wide bandwidth (10MHz), low power (0.65mA), zero crossover op amp OPA328 — Precision, zero-crossover, 50-µV offset voltage, 40-MHz wide-bandwidth RRIO CMOS op amp OPA330 — Single, 1.8-V, 35-µA, micropower, precision, zero drift CMOS op amp OPA333 — Micropower, 1.8-V, 17-µA zero-drift CMOS precision operational amplifier OPA333-Q1 — Automotive, micropower, 1.8-V, 17-µA zero-drift CMOS precision operational amplifier OPA333A-EP — Enhanced-product, micropower, 1.8-V, 17-µA zero-drift CMOS precision operational amplifier OPA334 — Single 0.05uV/C max, single-supply CMOS operational amplifier with shutdown OPA335 — Single 0.05uV/C max, single-supply CMOS operational amplifier OPA336 — Single-Supply, MicroPower CMOS Operational Amplifiers MicroAmplifier™ Series OPA336-EP — Enhanced Product Single-Supply, Micropower Cmos Operational Amplifiers Microamplifier(Tm) OPA340 — Single, single-supply, rail-to-rail, low power operational amplifier OPA340-EP — Enhanced Product Single-Supply, Rail-to-Rail Operational Amplifiers MicroAmplifier™ Series OPA350 — Single, single-supply, rail-to-rail, high speed, low noise operational amplifier OPA369 — Single, 1.8-V, 700-nA, zero-crossover rail-to-rail I/O operational amplifier OPA37 — Ultra-low-noise (4.5-nV/√Hz), 100-µV offset, decompensated precision operational amplifier OPA376 — Precision (0.025mV), low noise (7.5nV/rtHz), low quiescent current (760uA) op amp OPA376-Q1 — Automotive Precision, Low Noise, Low Iq Operational Amplifier OPA377 — Low-cost, low-noise, 5.5-MHz CMOS operational amplifier OPA377-Q1 — Automotive Qualified, Low Noise, Low Voltage, Precision Operational Amplifier OPA378 — Low-noise, 900-kHz, RRIO, precision operational amplifier, zero-drift series OPA381 — Precision, Low Power, High-Speed Transimpedance Amplifier OPA387 — Ultra-high precision (2 µV), zero-drift (0.003 µV/C), low-input-bias-current op amp (single) OPA388 — Single, 10-MHz, CMOS, zero-drift, zero-crossover, true RRIO precision operational amplifier OPA388-Q1 — Automotive qualified, wide bandwidth, zero drift, zero cross over, precision amplifier OPA391 — Micropower, single, high-precision low-bias-current RRIO op amp with high speed-to-power ratio OPA392 — Single, low-offset (10 µV), low-noise (6 nV/rtHz) femtoamp-bias-current e-trim™ op amp OPA396 — Single, micropower (24 µA), low-offset (100 µV), high speed-to-power ratio RRIO op amp OPA397 — Single, low-offset (60 µV), low-noise, low-bias-current RRIO e-trim™ operational amplifier OPA3S328 — High-speed (40 MHz) high-precision (60 µV) low-noise op amp with integrated gain switches OPA404 — Quad High Speed Precision Difet® Operational Amplifier OPA4140 — Quad-channel, 11-MHz, low-noise 36-V JFET precision operational amplifier with rail-to-rail output OPA4180 — 0.1 uV/C Drift, Quad, Low Noise, Rail-to-Rail, 36V Zero Drift Op Amp OPA4182 — 36-V, 5-MHz, quad, low-noise, zero-drift, MUX-friendly, precision op amp OPA4186 — Quad, 24-V, low-power (90 µA) 5-µV-offset zero-drift op amp with rail-to-rail input and output OPA4187 — Zero-drift (10µV, 0.001µV/C°), MUX-friendly, low-noise, RRO, CMOS quad precision op amp (quad) OPA4188 — 0.03µV/C, Low Noise, Rail-to-Rail Output, 36V Zero-Drift Operational Amplifier OPA4189 — Quad, 14-MHz, MUX-friendly, zero-drift, rail-to-rail-output, precision operational amplifier OPA4191 — Quad, low-power, 36-V, precision, e-trim amplifier with RRIO OPA4192 — Low-Noise, Low Quiescent Current, 36V RRI/O Precision Op Amps, E-Trim™ Series OPA4196 — Quad, 36-V, low power, all-purpose amplifier with mux-friendly input OPA4197 — Quad, 36-V, precision, rail-to-rail input output, low offset voltage op amp OPA4197-Q1 — Automotive, quad channel, high precision, 36-V, 10-MHz, rail-to-rail input output op amp OPA4202 — Low-noise (0.2 µVPP, 9 nV/√Hz), heavy-capacitive-drive (25 nF) quad super-beta precision op amp OPA4205 — Quad, rail-to-rail bipolar precision e-trim™ op amp with low input bias current and low noise OPA4206 — Input-overvoltage-protected, low-power, low-noise four-channel op amp with super-beta inputs OPA4209 — Quad, 2.2-nV/rtHz, 18-MHz, precision, RRO, 36-V operational amplifier OPA4227 — Quad high precision, low noise operational amplifiers OPA4228 — Quad high precision, wide bandwidth, low noise operational amplifiers OPA4241 — Quad, 5V single-supply, micro power operational amplifiers OPA4251 — Quad, 15V single-supply, micro power operational amplifiers OPA4277 — Quad, low-offset (10 µV), precision op amp OPA4277-EP — Enhanced Products High Precision Operational Amplifiers OPA4277-SP — High-precision operational amplifier OPA4317 — Quad, Low Offset, Rail-to-Rail I/O Operational Amplifier OPA4325 — Low noise (10nV/rtHz), wide bandwidth (10MHz), low power (0.65mA), quad zero crossover op amp OPA4330 — Quad, 1.8-V, 35-µA, micropower, precision, zero drift CMOS op amp OPA4336 — Quad Single-Supply, MicroPower CMOS Operational Amplifiers MicroAmplifier™ Series OPA4340 — Quad, single-supply, rail-to-rail, low power operational amplifier OPA4350 — Quad, single-supply, rail-to-rail, high speed, low noise operational amplifier OPA4350-DIE — High-Speed, Single-Supply, Rail-to-Rail Operational Amplifiers MicroAmplifier™ Series OPA4376 — Quad precision, low-noise, low quiescent

current operational amplifier OPA4376-Q1 — Automotive-Qualified Precision Op Amp With E-Trim, Low Quiescent Current and Low Noise OPA4377 — Quad low-cost, low-noise, 5.5-MHz CMOS operational amplifier OPA4377-Q1 — Automotive-Qualified CMOS Operational Amplifier With Low Noise and 5.5MHz GBW OPA4387 — Ultra-high precision (2 µV), zero-drift (0.003 µV/C), low-input-bias-current op amp (quad) OPA4388 — Quad, 10-MHz, CMOS, zero-drift, zero-crossover, true RRIO precision operational amplifier OPA4727 — e-trim™ 20MHz, High Precision CMOS Operational Amplifier OPA4H014-SEP — Radiation-tolerant, 11-MHz, low-noise, precision rail-to-rail output JFET amplifier OPA593 — 85-V, 100-µV wide-bandwidth (10 MHz) high-output-current (250 mA) precision operational amplifier OPA627 — 55V/µS, High-Speed, 0.8µV/°C Drift Max, Precision Operational Amplifier OPA627-DIE — OPA627-DIE Precision High-Speed Difet Operational Amplifier OPA637 — Precision High-Speed Difet® Operational Amplifiers OPA727 — Single high precision, low noise operational amplifiers OPA728 — 20-MHz, 2.5-fA/√Hz noise, high precision operational amplifiers OPA734 — Single 0.05-uV/degC (max) single-supply CMOS op amp, zero-drift series with shutdown OPA735 — Single 0.05uV/degC (max) single-supply CMOS operational amplifier, zero-drift series OPA827 — Low-noise, high-precision, JFET-input operational amplifier OPA828 — High-speed (45 MHz and 150 V/µs), 36-V, low-noise (4 nV/√Hz) RRO JFET operational amplifier OPA928 — High-voltage femtoampere-input-bias precision e-trim™ operational amplifier with RRIO

General-purpose op amps

OPA137 — Single, 36-V, 1-MHz operational amplifier with rail-to-rail input to V+ OPA141 — Single, 10-MHz, single supply, low-noise, JFET precision amplifier OPA170 — Single, 36-V, 1.2-MHz, low-power operational amplifier OPA170-DIE — Single-Supply, Low-Power Operational Amplifier OPA170-EP — Enhanced product, single, 36-V, 1.2-MHz, low-power operational amplifier OPA170-Q1 — Automotive-grade, single, 36-V, 1.2-MHz, low-power operational amplifier OPA171 — Single, 36-V, 3-MHz, low-power operational amplifier OPA171-Q1 — Automotive-grade, single, 36-V, 3-MHz, low-power operational amplifier OPA172 — Single, 36-V, 10-MHz, low-power operational amplifier OPA2107 — Dual, 30-V, 4.5-MHz operational amplifier OPA2137 — Dual, 36-V, 1-MHz operational amplifier OPA2141 — Dual, 10-MHz, single supply, low-noise, JFET precision amplifier OPA2170 — Dual, 36-V, 1.2-MHz, low-power operational amplifier OPA2170-Q1 — Automotive-grade, dual, 36-V, 1.2-MHz, low-power operational amplifier OPA2171 — Dual, 36-V, 3-MHz, low-power operational amplifier OPA2171-EP — Enhanced product, dual, 36-V, 3-MHz, low-power operational amplifier OPA2171-Q1 — Automotive-grade, dual, 36-V, 3-MHz, low-power operational amplifier OPA2172 — Dual, 36-V, 10-MHz, low-power operational amplifier OPA2172-Q1 — Automotive-grade, dual, 36-V, 10-MHz, low-power operational amplifier OPA2244 — Dual, 36-V, 430-kHz, low-power operational amplifier OPA2310 — Dual-channel, 5.5-V, 3-MHz high-output-current (150-mA) fast-shutdown (1-µs) operational amplifier OPA2313 — Dual, 5.5-V, 1-MHz, low quiescent current (50-µA), RRIO operational amplifier OPA2313-Q1 — Automotive-grade, dual, 5.5-V, 1-MHz, low quiescent current (50-µA), RRIO operational amplifier OPA2314 — Dual, 5.5-V, 3-MHz, 1.8-V min supply, low noise (14-nV/√Hz) operational amplifier OPA2314-EP — Enhanced product, dual, 5.5-V, 3-MHz, RRIO operational amplifier OPA2314-Q1 — Automotive-grade, dual, 5.5-V, 3-MHz, 1.8-V min supply, low noise (14-nV/√Hz) operational amplifier OPA2316 — Dual, 5.5-V, 10-MHz, low noise (11-nV/√Hz), RRIO operational amplifier OPA2316-Q1 — Automotive-grade, dual, 5.5-V, 10-MHz, low noise (11-nV/√Hz), RRIO operational amplifier OPA2322 — Dual, 5.5-V, 20-MHz, low noise (8.5-nV/√Hz), RRIO operational amplifier OPA2322-Q1 — Automotive-grade, dual, 5.5-V, 20-MHz, low noise (8.5-nV/√Hz), RRIO operational amplifier OPA2323 — Dual, 5.5-V, 20-MHz, zero-cross low-noise (6 nV/√Hz) RRIO operational amplifier OPA2337 — Dual, 5.5-V, 3-MHz, RRO operational amplifier OPA2338 — Dual, 5.5-V, 12.5-MHz, RRO operational amplifier OPA2341 — Dual, 5.5-V, 5.5-MHz, RRIO operational amplifier with shutdown OPA2342 — Dual, 5.5-V, 1-MHz, low bias current (0.2-pA), RRIO operational amplifier OPA2343 — Dual, 5.5-V, 5.5-MHz, RRIO operational amplifier OPA2344 — Dual, 5.5-V, 1-MHz, 1-mV offset, RRIO operational amplifier OPA2345 — Dual, 5.5-V, 3-MHz, 1-mV offset, RRIO operational amplifier OPA2347 — Dual, 5.5-V, 350-kHz, low quiescent current (20-µA), RRIO operational amplifier OPA2348 — Dual, 5.5-V, 1-MHz, low quiescent current (45-µA), RRIO operational amplifier OPA2348-Q1 — Automotive-grade, dual, 5.5-V, 1-MHz, low quiescent current (45-µA), RRIO operational amplifier OPA2349 — Dual, 5.5-V, 70-kHz, low quiescent current (1-µA), RRIO operational amplifier OPA2353 — Dual, 5.5-V, 44-MHz, low noise (7-nV/√Hz), RRIO operational amplifier OPA2363 — Dual, 5.5-V, 7-MHz, RRIO operational amplifier with shutdown OPA2364 — Dual, 5.5-V, 7-MHz, RRIO operational amplifier OPA2373 — Dual, 5.5-V, 6.5-MHz, RRIO operational amplifier with shutdown OPA2374 — Dual, 5.5-V, 6.5-MHz, RRIO operational amplifier OPA2375 — Dual, 5.5-V, 10-MHz, low noise (4.6-nV/√Hz), RRO operational amplifier OPA2379 — Dual, 5.5-V, 90-kHz, low quiescent current (2.9-µA), RRIO operational amplifier OPA244 — Single, 36-V, 430-kHz, low-power operational amplifier OPA2703 — Dual, 12-V, 1-MHz operational amplifier OPA2704 — Dual, 12-V, 3-MHz operational amplifier OPA2705 — Dual, 12-V, 1-MHz, low-power, low-offset operational amplifier OPA2725 — Dual, 12-V, 20-MHz, low-power, low-offset operational amplifier OPA2726 — Dual, 12-V, 20-MHz, low-power operational amplifier OPA2743 — Dual, 12-V, 7-MHz operational amplifier OPA2990 — Dual, 40-V, 1.1-MHz, low-power operational amplifier OPA2991 — Dual, 40-V, 4.5-MHz, low-power operational amplifier OPA2991-Q1 — Automotive, dual, 40-V 4.5-MHz low-power operational amplifier OPA2992 — Dual, 40-V, 10.6-MHz, rail-to-rail input and output low-offset-voltage low-noise op amp OPA2992-Q1 — Automotive, dual, 40-V, 10-MHz rail-to-rail input and output low-noise operational amplifier OPA2994 — Dual, 32V, 24MHz RRIO high-output-current (125mA) op amp with unlimited capacitance load drive OPA2994-Q1 — Automotive, dual, 24-V, 25-MHz high-output-current (150 mA) operational amplifier OPA310 — Single, 5.5-V, 3-MHz high-output-current (150 mA) fast-shutdown (1 µs) operational amplifier OPA310-Q1 — Automotive, single, 5.5-V, 3-MHz high-output-current (150 mA) fast-shutdown operational amplifier OPA313 — Single, 5.5-V, 1-MHz, low quiescent current (50-µA), RRIO operational amplifier OPA314 — Single, 5.5-V, 3-MHz, low noise (4.6-nV/√Hz), RRIO operational amplifier OPA314-Q1 — Automotive-grade, single, 5.5-V, 3-MHz, low noise (4.6-nV/√Hz), RRIO operational amplifier OPA316 — Single, 5.5-V, 10-MHz, 50-mA output current, low noise (11-nV/√Hz), RRIO operational amplifier OPA316-Q1 — Automotive-grade, single, 5.5-V, 10-MHz, 50-mA output current, low noise (11-nV/√Hz), RRIO op amp OPA322 — Single, 5.5-V, 20-MHz, 65-mA output current, low noise (8.5-nV/√Hz) operational amplifier OPA322-Q1 — Automotive-grade, single, 5.5-V, 20-MHz, 65-mA output current, low noise (8.5-nV/√Hz) op amp OPA323 — Single, 5.5-V, 20-MHz, zero-cross low-noise (6 nV/√Hz) RRIO operational amplifier OPA337 — Single, 5.5-V, 3-MHz, RRO operational amplifier OPA338 — Single, 5.5-V, 62.5-MHz, RRO operational amplifier OPA341 — Single, 5.5-V, 5.5-MHz, extended temp, RRIO operational amplifier with shutdown OPA342 — Single, 5.5-V, 1-MHz, low bias current (0.2-pA), RRIO operational amplifier OPA343 — Single, 5.5-V, 5.5-MHz, RRIO operational amplifier OPA344 — Single, 5.5-V, 1-MHz, 1-mV offset, RRIO operational amplifier OPA345 — Single, 5.5-V, 3-MHz, RRIO

operational amplifier OPA347 — Single, 5.5-V, 350-kHz, low quiescent current (20-µA), RRIO operational amplifier OPA348 — Single, 5.5-V, 1-MHz, low quiescent current (45-µA), RRIO operational amplifier OPA348-Q1 — Automotive-grade, single, 5.5-V, 1-MHz, low quiescent current (45-µA), RRIO operational amplifier OPA349 — Single, 5.5-V, 70-kHz, low quiescent current (1-µA), RRIO operational amplifier OPA353 — Single, 5.5-V, 44-MHz, low noise (7-nV/√Hz), RRIO operational amplifier OPA363 — Single, 5.5-V, 7-MHz, RRIO operational amplifier with shutdown OPA364 — Single, 5.5-V, 7-MHz, RRIO operational amplifier OPA373 — Single, 5.5-V, 6.5-MHz, RRIO operational amplifier with shutdown OPA374 — Single, 5.5-V, 6.5-MHz, RRIO operational amplifier OPA375 — OPAx375, 500uV, 10-MHz, Low Broadband Noise, RRO, Operational Amplifier OPA379 — Single, 5.5-V, 90-kHz, low quiescent current (2.9-µA), RRIO operational amplifier OPA4130 — Quad, low bias current, low-noise, precision difet operational amplifier OPA4131 — Quad, 1-MHz, 20-pA bias current, 530-µA power, FET operational amplifier OPA4137 — Quad, 36-V, 1-MHz, RRI operational amplifier OPA4141 — Quad, 10-MHz, single supply, low-noise, JFET precision amplifier OPA4170 — Quad, 36-V, 1.2-MHz, low-power operational amplifier OPA4170-Q1 — Automotive-grade, quad, 36-V, 1.2-MHz, low-power operational amplifier OPA4171 — Quad, 36-V, 3-MHz, low-power operational amplifier OPA4171-Q1 — Automotive-grade, quad, 36-V, 3-MHz, low-power operational amplifier OPA4172 — Quad, 36-V, 10-MHz, low-power operational amplifier OPA4172-Q1 — Automotive-grade, quad, 36-V, 10-MHz, low-power operational amplifier OPA4243 — Quad, 36-V, 430-kHz operational amplifier OPA4244 — Quad, 36-V, 430-kHz, low-offset operational amplifier OPA4310 — Quad, 5.5-V, 3-MHz high-output-current (150 mA) fast-shutdown (1 µs) operational amplifier OPA4313 — Quad, 5.5-V, 1-MHz, low quiescent current (50-µA), RRIO operational amplifier OPA4314 — Quad, 5.5-V, 3-MHz, low noise (4.6-nV/√Hz), RRIO operational amplifier OPA4314-Q1 — Automotive-grade, quad, 5.5-V, 3-MHz, low noise (4.6-nV/√Hz), RRIO operational amplifier OPA4316 — Quad, 5.5-V, 10-MHz, 50-mA output current, low noise (11-nV/√Hz), RRIO operational amplifier OPA4316-Q1 — Automotive-grade, quad, 5.5-V, 10-MHz, 50-mA output current, low noise (11-nV/√Hz), RRIO op amp OPA4322 — Quad, 5.5-V, 20-MHz, 65-mA output current, low noise (8.5-nV/√Hz), RRIO operational amplifier OPA4322-Q1 — Automotive-grade, quad, 5.5-V, 20-MHz, 65-mA output current, low noise (8.5-nV/√Hz), RRIO op amp OPA4323 — Quad, 5.5-V, 20-MHz, zero-cross low-noise (6 nV/√Hz) RRIO operational amplifier OPA4342 — Quad, 5.5-V, 1-MHz, low bias current (0.2-pA), RRIO operational amplifier OPA4343 — Quad, 5.5-V, 5.5-MHz, RRIO operational amplifier OPA4344 — Quad, 5.5-V, 1-MHz, 1-mV offset, RRIO operational amplifier OPA4345 — Quad, 5.5-V, 3-MHz, 1-mV offset, RRIO operational amplifier OPA4347 — Quad, 5.5-V, 350-kHz, low quiescent current (20-µA), RRIO operational amplifier OPA4348 — Quad, 5.5-V, 1-MHz, low quiescent current (45-µA), RRIO operational amplifier OPA4348-Q1 — Automotive-grade, quad, 5.5-V, 1-MHz, low quiescent current (45-µA), RRIO operational amplifier OPA4353 — Quad, 5.5-V, 44-MHz, low noise (7-nV/√Hz) operational amplifier OPA4364 — Quad, 5.5-V, 7-MHz, RRIO operational amplifier OPA4364-Q1 — Automotive-grade, quad, 5.5-V, 7-MHz, RRIO operational amplifier OPA4374 — Quad, 5.5-V, 6.5-MHz, RRIO operational amplifier OPA4379 — Quad, 5.5-V, 90-kHz, low quiescent current (2.9-µA), RRIO operational amplifier OPA4703 — Quad, 12-V, 1-MHz, low-offset operational amplifier OPA4704 — Quad, 12-V, 3-MHz operational amplifier OPA4705 — Quad, 12-V, 1-MHz operational amplifier OPA4743 — Quad, 12-V, 7-MHz operational amplifier OPA4990 — Quad, 40-V 1.1-MHz low-power (0.12 mA) operational amplifier OPA4990-Q1 — Automotive, quad, 40-V 1.1-MHz low-power (0.12 mA) operational amplifier OPA4991 — Quad, 40-V, 4.5-MHz, low-power operational amplifier OPA4991-EP — Enhanced-product, quad, 40-V 4.5-MHz rail-to-rail input and output operational amplifier OPA4991-Q1 — Automotive, quad, 40-V, 4.5-MHz, low-power operational amplifier OPA4992 — Quad, 40-V, 10.6-MHz, rail-to-rail input/output, low-offset-voltage, low-noise op amp OPA4992-Q1 — Automotive, quad, 40-V, 10.6-MHz, rail-to-rail input and output low-offset-voltage low-noise op amp OPA4H199-SEP — Space-enhanced-product, quad, 40-V 4.5-MHz rail-to-rail input and output operational amplifier OPA602 — High-Speed Precision Difet® Operational Amplifier OPA703 — Single, 12-V, 1-MHz, low-offset operational amplifier OPA704 — Single, 12-V, 3-MHz operational amplifier OPA705 — Single, 12-V, 1-MHz operational amplifier OPA725 — Single, 12-V, 20-MHz operational amplifier OPA726 — Single, 12-V, 20-MHz operational amplifier with shutdown OPA743 — Single, 12-V, 7-MHz operational amplifier OPA990 — Single, 40-V, 1.1-MHz, low-power operational amplifier OPA991 — Single, 40-V 4.5-MHz low-power operational amplifier OPA991-Q1 — Automotive, single, 40-V 4.5-MHz low-power operational amplifier OPA992 — Single, 40-V, 10.6-MHz, rail-to-rail input/output, low-offset-voltage, low-noise op amp OPA992-Q1 — Automotive, single, 40-V, 10-MHz rail-to-rail input and output low-noise operational amplifier OPA994 — Single, 32V, 24MHz RRIO high-output-current (125mA) op amp with unlimited capacitance load drive

Audio op amps

OPA132 — Single SoundPlus™ 8-MHz, 5-pA, High Performance Audio Operational Amplifiers with FET inputs OPA134 — Single SoundPlus™ 8-MHz, 50-pA, high-performance audio op amp with FET inputs OPA1602 — Dual, SoundPlus™ high-performance, bipolar-input audio op amp OPA1604 — Quad, SoundPlus High-Performance, Bipolar-Input Audio Op Amp OPA1611 — 1.1nV/√Hz Noise, Low Power, Precision Operational Amplifier OPA1612 — SoundPlus™ Audio Operational Amplifier with 1.1nV/√Hz Noise, Low THD and Precision OPA1612-Q1 — Automotive, 1.1nV/√Hz Noise, Low Power, Precision Audio Operational Amplifier OPA1622 — SoundPlus™ Audio Operational Amplifier with High Performance, Low THD+N and Bipolar Input OPA1632 — Fully Differential I/O Audio Amplifier OPA1633 — Ultra-low-distortion 195-MHz fully-differential audio amplifier OPA1637 — High-fidelity, high-voltage (36-V), low-noise (3.7-nV/rtHz) Burr-Brown™ audio fully-differential amp OPA1641 — Single Sound-Plus High-Performance, JFET-Input Audio OpAmps OPA1641-Q1 — Single Automotive Sound-Plus High-Performance, JFET-Input Audio Op Amps OPA1642 — Dual SoundPlus™ high-performance, JFET-input audio op amp OPA1642-Q1 — Dual automotive soundplus™ high-performance, JFET-input audio op amps OPA1644 — OPA1641/1642/1644 SoundPLUS™ High-Performance, JFET-Input Audio OpAmps OPA1652 — Dual SoundPlus™ low-noise & distortion, general-purpose, FET-input audio op amp OPA1654 — Quad sound plus low noise and distortion, general-purpose, FET-input audio op amps OPA1655 — SoundPlus™ ultra-low noise and distortion, Burr-Brown™ single audio operational amplifier OPA1656 — SoundPlus™ ultra-low noise and distortion, Burr-Brown™ audio operational amplifier OPA1662 — Dual SoundPlus™ low noise (3.3nV/rtHz) and distortion (-124dB), wide bandwidth (22MHz) audio op amp OPA1662-Q1 — Automotive Sound Plus, Low-Power, Low-Noise and Distortion, Audio Op Amp OPA1664 — Quad sound plus low-power, low-noise and distortion, audio op amps OPA1671 — Single supply, wide bandwidth (13MHz), low noise (7nV/RtHz), RRIO audio op amp OPA1677 — Low-distortion (-120 dB) low-noise (4.5 nV/rtHz) single audio operational amplifier OPA1678 — Low distortion (-120 dB), low noise (4.5nV/rtHz), dual audio op amp OPA1679 — Low distortion (-120 dB), low noise (4.5nV/rtHz), quad audio op amp OPA1679-Q1 — Automotive quad-channel, low-noise 4.5-nV/rtHz, low-distortion 120-dB, audio operational

amplifier OPA1688 — 36V, 10MHz, Low Distortion High Drive Rail-to-Rail Output Audio Operational Amplifiers OPA1692 — SoundPlus™ Low-Power, Low-Noise, High-Performance Dual Bipolar-Input Audio Op Amp OPA2132 — Dual, SoundPlus™ 8-MHz, 5-pA, High Performance Audio Operational Amplifiers with FET inputs OPA2134 — SoundPlus™ Audio Operational Amplifier with Low Distortion, Low Noise and Precision OPA4132 — Quad, 4-MHz, 50-pA bias current, 750-µA power, FET operational amplifier OPA4134 — Quad SoundPlus™ High Performance Audio Operational Amplifiers OPA604 — FET-Input, Audio Operational Amplifier

Transimpedance amplifiers

OPA1S2384 — 250-MHz, CMOS Transimpedance Amplifier (TIA) with Integrated Switch and Buffer OPA1S2385 — 250-MHz, CMOS Transimpedance Amplifier (TIA) with Integrated active low Switch and Buffer OPA2380 — OPA2380 - Dual, High-Speed Precision Transimpedance Amplifier OPA380 — Single, High-Speed Precision Transimpedance Amplifier OPA3S2859 — Dual-channel, 900-MHz 2.2-nV/√Hz programmable-gain transimpedance amplifier OPA3S2859-EP — Enhanced product, dual-channel, 900-MHz, 2.2-nV/√Hz, programmable gain transimpedance amplifier OPA857 — Ultralow-Noise, Wideband, Pseudo-Differential Output Transimpedance Amplifier OPA857-DIE — Low-Noise, Wideband, Selectable-gain, Transimpedance Amp

High-speed op amps (GBW ≥ 50 MHz)

OPA2300 — Low-Noise, High-Speed, 16-Bit Accurate CMOS Operational Amplifier with digital shutdown OPA2301 — Low-Noise, High-Speed, 16-Bit Accurate CMOS Operational Amplifier OPA2354 — 250MHz, Rail-to-Rail I/O, CMOS Dual Operational Amplifier OPA2354A-Q1 — Automotive 250MHz, Rail-to-Rail I/O, CMOS Dual Operational Amplifier OPA2355 — 2.5V, 200MHz GBW, CMOS Dual Op Amp With Shutdown OPA2356 — 2.5V, 200MHz GBW, CMOS Dual Op Amp OPA2356-EP — Enhanced product 2.5 V, 200 MHz GBW, CMOS dual op amp OPA2357 — 250MHz, Rail-to-Rail I/O, Dual CMOS Operational Amplifier w/Shutdown OPA2365 — 2.2V, 50MHz, Low-Noise Single-Supply Rail-to-Rail Operational Amplifiers OPA2365-Q1 — Automotive 2.2V, 50MHz, Low-Noise Single-Supply Rail-to-Rail Operational Amplifiers OPA2607 — Dual-channel, low-power, precision, 50-MHz decompensated CMOS op amp OPA2607-Q1 — Automotive, dual-channel, 50-MHz decompensated rail-to-rail output CMOS op amp OPA2613 — Dual Wideband, High-Output Current, Operational Amplifier with Current Limit OPA2614 — Dual, High Gain Bandwidth, High Output Current, Operational Amplifier with Current Limit OPA2625 — High-Bandwidth, High-Precision, Low THD+N, 16-Bit and 18-Bit ADC Drivers with shutdown OPA2626 — High-Bandwidth, High-Precision, Low THD+N, 16-Bit and 18-Bit ADC Drivers OPA2652 — SpeedPlus™ Dual, 700MHz, Voltage-Feedback Operational Amplifier OPA2673 — Dual, Wideband, High Output Current Amplifier and PLC Line Driver with Active Off-line Control OPA2674 — Dual, Wideband, High Output Current Amplifier and DSL/PLC Line Driver with Current Limit OPA2675 — Dual-channel, wideband high-power-output current-feedback amplifier OPA2677 — SpeedPlus™ Dual, Wideband, High Output Current Operational Amplifier and DSL/PLC Line Driver OPA2683 — Very-low-power dual-current feedback operational amplifier OPA2684 — Dual, Low Power, Current Feedback Operational Amplifier OPA2690 — Dual Wideband, Voltage Feedback Operational Amplifier with Disable OPA2691 — Dual wideband current feedback operational amplifier with disable OPA2694 — Dual, Wideband, Low Power, Current Feedback Operational Amplifier OPA2695 — Ultra-Wideband, Current-Feedback Operational Amplifier with Disable OPA2810 — Dual channel, high performance, 27 V, 105 MHz, RRIO FET input op amp OPA2822 — Dual, wideband low-noise SpeedPlus™ operational amplifier OPA2830 — Dual, Low-Power, Single-Supply Wideband Operational Amplifier OPA2832 — Dual, Low Power, High-Speed , Fixed Gain Operational Amplifier OPA2834 — Ultra-low power, 50MHz rail-to-rail out, negative rail in, voltage-feedback op amp OPA2835 — Dual, Ultra Low Power, Rail to Rail Out, Negative Rail In, VFB Amplifier OPA2835-DIE — OPA2835-DIE ULTRA LOW-POWER, RAIL-TO-RAIL OUT, NEGATIVE RAIL IN, VFB OP AMP OPA2836 — Dual, Very Low Power, Rail to Rail out, Negative Rail in, VFB Op Amp OPA2836-Q1 — Automotive, Dual, Very Low Power, Rail to Rail output, VFB Op Amp OPA2837 — Dual, Low-Power, Precision, Rail-to-Rail Output, 105MHz, Voltage Feedback Amplifier OPA2846 — Dual, Wideband, Low-Noise, Voltage-Feedback Operational Amplifier OPA2863 — Dual, low-power, 110-MHz, 12-V, rail-to-rail input and output (RRIO) voltage-feedback amplifier OPA2863-Q1 — Automotive, dual, low-power, 110-MHz, 12-V RRIO voltage-feedback amplifier OPA2863A — Dual, high-precision, low-power, 105-MHz, 12-V RRIO voltage-feedback amplifier OPA2889 — Dual 115MHz, Low Power, Wideband, Voltage Feedback Operational Amplifier with Disable OPA2890 — Dual 250MHz , Low Power, Wideband, Voltage Feedback Operational Amplifier with Disable OPA300 — High Speed, Low Noise, Single Supply CMOS Operational Amplifier OPA301 — Low-Noise, High-Speed,16-Bit Accurate CMOS Operational Amplifier OPA3355 — 2.5V, 200MHz GBW, CMOS Triple Op Amp With Shutdown OPA354 — 250MHz, Rail-to-Rail I/O, CMOS Single Operational Amplifier OPA354A-Q1 — Automotive 250MHz, Rail-to-Rail I/O, CMOS Single Operational Amplifier OPA355 — 2.5V, 200MHz GBW, CMOS Single Op Amp With Shutdown OPA355-Q1 — Automotive 2.5V, 200MHz GBW, CMOS Single Op Amp With Shutdown OPA356 — 2.5V, 200MHz GBW, CMOS Single Op Amp OPA356-Q1 — Automotive Catalog 2.5V, 200MHz GBW, CMOS Single Op Amp OPA357 — 250MHz, Rail-to-Rail I/O, Single CMOS Operational Amplifier w/Shutdown OPA358 — 3V Single Supply 80MHz High-Speed Op Amp in SC70 OPA365 — 2.2V, 50MHz, Low-Noise, Single-Supply Rail-to-Rail Operational Amplifier OPA365-EP — Enhanced Product 2.2V, 50MHz, Low-Noise, Single-Supply Rail-to-Rail Op Amp OPA365-Q1 — Automotive 2.2V, 50MHz, Low-Noise, Single-Supply Rail-to-Rail Operational Amplifier OPA3684 — Low-Power, Triple Current Feedback Operational Amplifier with Disable OPA3690 — Triple, Wideband, Voltage-Feedback Operational Amplifier with Disable OPA3691 — Triple Wideband Current Feedback Operational Amplifier with Disable OPA3695 — Ultra-Wideband, Current-Feedback Operational Amplifier with Disable OPA3832 — 250MHz triple, low-power, high-speed, fixed-gain operational amplifier OPA4354 — 250 MHz, rail-to-rail I/O, CMOS quad operational amplifier OPA4354-Q1 — Automotive, 250MHz, Rail-to-Rail I/O, CMOS Quad Operational Amplifier OPA4684 — Quad, Low-Power, Current Feedback Operational Amplifier OPA4684M — Military Quad, Low-Power, Current Feedback Operational Amplifier OPA4820 — Quad, Unity-Gain, Low-Noise, Voltage-Feedback Operational Amplifier OPA4830 — Quad, Low-Power, Single-Supply, Wideband Operational Amplifier OPA4863 — Quad, low-power, 110-MHz RRIO voltage-feedback amplifier OPA4872-EP — Enhanced Product 4:1 High-Speed Multiplexer OPA607 — Low power, precision, 50 MHz decompensated CMOS operational amplifier for cost sensitive systems OPA607-Q1 — Automotive, 50-MHz, low-power, gain of 6-V/V stable, rail-to-rail output CMOS operational amplifier OPA625 — High Bandwidth, High Precision, Low Noise & Distortion Amplifier SAR ADC Driver with Power Scaling OPA653 — 500MHz, Fixed Gain of +2V/V, JFET input amplifier OPA656 — Wideband, Unity Gain Stable FET-

Input Operational Amplifier OPA656-DIE — Wideband, Unity Gain Stable FET-Input Operational Amplifier OPA657 — 1.6GHz, Low Noise, FET-Input Operational Amplifier OPA657-DIE — Bare-DIE 1.6-GHz, Low-Noise, FET-Input Operational Amplifier OPA659 — 650MHz unity gain stable JFET input amplifier OPA683 — Very-low-power current-feedback amplifier with disable OPA684 — Low-Power, Current Feedback Operational Amplifier With Disable OPA688M — Military Speedplus unity gain stable, wideband voltage limiting amplifier OPA689M — Military wideband, high gain voltage limiting amplifier OPA690 — Wideband voltage-feedback operational amplifier with disable OPA691 — Wideband Current Feedback Operational Amplifier with Disable OPA692 — Wideband, Fixed Gain Buffer Amplifier with Disable OPA694 — WideBand, Low-Power, Current Feedback Amplifier OPA695 — Ultra-Wideband, Current-Feedback Operational Amplifier with Disable OPA698 — Unity Gain Stable, Wideband Voltage Limiting Amplifier OPA698M — Unity-Gain-Stable Wideband Voltage Limiting Amplifier OPA699 — OPA699: Wideband, High Gain Voltage Limiting Amplifier OPA699M — Gain +4 Stable Wideband Voltage Limiting Amplifier OPA810 — Single Channel, High Performance, 27 V, 140 MHz, RRIO FET Input Op Amp OPA814 — 600-MHz, high-precision unity-gain-stable FET-input operational amplifier OPA817 — 800-MHz, high-precision unity-gain-stable FET-input operational amplifier OPA818 — 2.7-GHz, 13-V, decompensated 7-V/V, FET-input operational amplifier OPA820 — Unity gain stable, low-noise, voltage feedback operational amplifier OPA830 — Low-Power, Single-Supply Operational Amplifier OPA830-EP — Low-Power, Single-Supply, Wideband Operational Amplifier OPA832 — Low-Power, Single-Supply, Fixed-Gain Video Buffer Amplifier OPA835 — Ultra Low Power, Rail to Rail Out, Negative Rail In, VFB Amplifier OPA836 — Very Low Power, Rail to Rail out, Negative Rail in, VFB Op Amp OPA837 — Low-power, precision 105-MHz voltage-feedback operational amplifier OPA838 — 1-mA, 300-MHz Gain Bandwidth, Voltage-Feedback Op Amp OPA842 — Wideband, Low Distortion, Unity Gain Stable, Voltage Feedback Operational Amplifier OPA843 — Wideband, Low Distortion, Medium Gain, Voltage Feedback Operational Amplifier OPA846 — Wideband low-noise voltage-feedback operational amplifier OPA846-DIE — Wideband, Low Noise, Voltage Feedback Operational Amplifier, OPA846-DIE OPA847 — Wideband, ultra-low noise, voltage feedback operational amplifier with shutdown OPA855 — 8 GHz Gain Bandwidth Product, Decompensated Transimpedance Amplifier with Bipolar Input OPA855-Q1 — Automotive 8-GHz gain bandwidth, decompensated transimpedance amplifier with bipolar input OPA856 — 1.1-GHz unity-gain bandwidth, 0.9 nV/√Hz, bipolar input amplifier OPA858 — 5.5 GHz Gain Bandwidth Product, Decompensated Transimpedance Amplifier with FET Input OPA858-Q1 — Automotive 5.5-GHz gain bandwidth, decompensated transimpedance amplifier with FET input OPA859 — 1.8 GHz Unity-Gain Bandwidth, 3.3 nV/√Hz, FET Input Amplifier OPA859-Q1 — Automotive 1.8-GHz unity-gain bandwidth, 3.3-nV/√Hz, FET input amplifier OPA863 — Single-channel, low-power, 110-MHz, 12-V rail-to-rail input and output voltage-feedback amplifier OPA863A — Single-channel, high-precision, low-power, 105-MHz, 12-V RRIO voltage-feedback amplifier OPA890 — Low Power, Wideband, Voltage Feedback Operational Amplifier with Disable OPA891 — 180-MHz 0.95-nV√Hz operational amplifier with ultra-low total harmonic distortion (THD) OPA892 — 2-GHz 10-V/V stable 0.95-nV√Hz operational amplifier with ultra-low total harmonic distortion (THD)

Power op amps

OPA2541 — Dual High Power Operational Amplifier OPA2544 — High-Voltage, High-Current Dual Operational Amplifier OPA445 — High Voltage FET-Input Operational Amplifier OPA452 — 80-V, 50-mA, unity-gain stable with a BW of 1.8-MHz operational amplifiers OPA453 — 80-V, 50-mA optimized for gains greater than 5 with a BW of 7.5-MHz operational amplifiers OPA454 — High voltage (100 V), high-current (50 mA) operational amplifiers, g=1 stable OPA455 — 150-V, wide bandwidth 6.5-MHz, high-slew rate 32-V/µs unity-gain stable op amp OPA462 — 180-V, wide bandwidth (6.5 MHz), high-slew rate (25 V/µs) unity-gain stable op amp OPA521 — 2.5A Narrowband line driver OPA541 — High Power Monolithic Operational Amplifier OPA544 — High-Current (4A Typ), High-Voltage, Operational Amplifier OPA547 — High-Voltage, High-Current Op Amp with shutdown capability OPA548 — High-voltage, high-current, wide-output-voltage-swing power operational amplifier OPA549 — High-Voltage, High-Current Op Amp, Excellent Output Swing OPA549-HIREL — High-Voltage, High-Current Operational Amplifier OPA551 — High-current (380mA Typ), high-voltage (60V), operational amplifier OPA552 — High-current (380mA typ), high-voltage (60V), wide bandwidth (12MHz), operational amplifier OPA561 — High-current high-speed operational amplifier OPA564 — 1.5A, 24V, 17MHz, Power Operational Amplifier OPA564-Q1 — Automotive 1.5A, 24V, 17MHz, Power Operational Amplifier OPA567 — Rail-to-Rail I/O, 2A Power Amplifier OPA569 — Power Op Amp, Output Signal Swings Within 200mV of Rails at 2A Output Current

Video amplifiers

OPA360 — 3V, Video Amplifier with Low Pass Filter, Internal G=2 and SAG Correction in SC70 OPA361 — 3V Video Amplifier with Internal Gain and Filter OPA361-Q1 — Automotive AEC-Q100 Grade 1 Qualified 3V Video Amplifier with Internal Gain and Filter OPA362 — 3V Video Amplifier with Internal Gain and Filter in SC70 OPA3692 — Triple, Wideband, Fixed Gain Video Buffer Amplifier With Disable OPA3693 — Triple, ultra-wideband, fixed-gain, video buffer with disable OPA3875 — Triple-channel, 700-MHz, op amp with 2:1 high-speed multiplexer OPA4872 — 12V, 500MHz high-speed op amp with 4:1 high-speed multiplexer OPA693 — Ultra-Wideband, Fixed Gain Video Buffer Amplifier with Disable OPA875 — Single-channel, 700-MHz, op amp with 2:1 high-speed multiplexer

Line drivers

OPA2670 — Single Port, High Output Current VDSL2 and PLC Line Driver with Power Control

Transconductance amplifiers & laser drivers

OPA615 — Wide Bandwidth, DC Restoration Circuit OPA860 — Wide Bandwidth Operational Transconductance Amplifier and Buffer OPA861 — Wide Bandwidth Operational Transconductance Amplifier

Fully differential amplifiers

OPA862 — 12.6V, Low-noise, single-ended-to-differential, high input impedance amplifier

Precision ADCs

ADS1000 — 12-Bit, 128SPS, 1-Ch Delta-Sigma ADC w/ PGA, Oscillator & I2C ADS1000-Q1 — Automotive, 12-Bit, 128SPS, 1-Ch Delta-Sigma ADC w/ PGA, Oscillator & I2C ADS1013 — 12-Bit 3.3kSPS 1-Ch Delta-Sigma ADC With Oscillator, Voltage Reference, and I2C ADS1013-Q1 — Automotive 12-Bit 3.3kSPS 1-Ch Delta-Sigma ADC With Oscillator, Voltage Reference, and I2C ADS1014 — 12-Bit 3.3kSPS 1-Ch Delta-Sigma ADC With PGA, Oscillator, Voltage Reference, Comparator, and I2C ADS1014-Q1 — Automotive 12-Bit 3.3kSPS 1-Ch Delta-Sigma ADC With PGA, Oscillator, VREF, Comparator, and I2C ADS1015 — 12-bit, 3.3-kSPS, 4-channel, delta-sigma ADC with PGA, oscillator, VREF, comparator and I2C ADS1015-Q1 — Automotive 12-bit, 3.3-kSPS, 4-ch, delta-sigma ADC with PGA, oscillator, VREF, comparator and I2C ADS1018 — 12-bit, 3.3-kSPS, 4-channel, delta-sigma ADC with PGA, oscillator, VREF, temp sensor and SPI ADS1018-Q1 — Automotive, 12-bit, 3.3-kSPS, 4-ch, delta-sigma ADC with PGA, oscillator, VREF, temp sensor and SPI ADS1100 — 16-Bit, 128SPS, 1-Ch Delta-Sigma ADC w/ PGA, Oscillator & I2C ADS1110 — 16-Bit 240SPS 1-Ch Delta-Sigma ADC With PGA, Oscillator, Voltage Reference, and I2C ADS1112 — 16-Bit 240SPS 4-Ch Delta-Sigma ADC With PGA, Oscillator, Voltage Reference, and I2C ADS1113 — 16-Bit 860SPS 1-Ch Delta-Sigma ADC With Oscillator, Voltage Reference, and I2C ADS1113-Q1 — Automotive 16-Bit 860SPS 1-Ch Delta-Sigma ADC With Oscillator, Voltage Reference, and I2C ADS1114 — 16-Bit 860SPS 1-Ch Delta-Sigma ADC With PGA, Oscillator, Vref, Comparator, and I2C ADS1114-Q1 — Automotive 16-Bit 860SPS 1-Ch Delta-Sigma ADC With PGA, Oscillator, Vref, Comparator, and I2C ADS1115 — 16-bit, 860-SPS, 4-channel, delta-sigma ADC with PGA, oscillator, VREF, comparator and I2C ADS1115-Q1 — Automotive 16-bit, 860-SPS, 4-ch, delta-sigma ADC with PGA, oscillator, VREF, comparator and I2C ADS1115L — 16-bit, 860-SPS four-channel delta-sigma ADC with PGA, comparator and 1.8-V I²C bus voltage support ADS1118 — 16-bit, 860-SPS, 4-channel, delta-sigma ADC with PGA, oscillator, VREF, temp sensor and SPI ADS1118-Q1 — Automotive 16-bit, 860-SPS, 4-ch, delta-sigma ADC with PGA, oscillator, VREF, temp sensor and SPI ADS1119 — 16-bit, 1kSPS, 4-ch general-purpose delta-sigma ADC with I2C interface and external Vref inputs ADS1120 — 16-bit, 2-kSPS, 4-ch, low-power, small-size delta-sigma ADC with PGA, VREF, 2x IDACs & SPI interface ADS1120-Q1 — Automotive 16-bit 2-kSPS 4-ch low-power delta-sigma ADC with PGA and VREF for small signal sensors ADS112C04 — 16-bit, 2-kSPS, 4-ch, low-power, small-size delta-sigma ADC with PGA, VREF, 2x IDACs & I2C interface ADS112U04 — 16-bit, 2-kSPS, 4-ch, low-power, small-size delta-sigma ADC w/ PGA, VREF, 2x IDACs & UART interface ADS1130 — 18-Bit, 80SPS, 1-Ch Delta-Sigma ADC for Resistive Bridge Sensors & Weigh Scales ADS1131 — 18-Bit, 80SPS, 1-Ch Delta-Sigma ADC w/ Powerdown Switch for Resistive Bridge Sensors & Weigh Scales ADS1146 — 16-Bit 2kSPS 1-Ch ADC With PGA for Precision Sensor Measurement ADS1147 — 16-Bit 2kSPS 4-Ch ADC With PGA, Reference, and IDAC for Precision Sensor Measurement ADS1148 — 16-bit 2-kSPS ADC with PGA, reference and IDAC for precision sensor measurement ADS1148-Q1 — Automotive 16-bit 2-kSPS ADC with PGA, reference and IDAC for precision sensor measurement ADS114S06 — 16-bit, 4-kSPS, 6-ch delta-sigma ADC with PGA and voltage reference for sensor measurement ADS114S06B — 16-bit, 4-kSPS, 6-ch delta-sigma ADC With PGA and voltage reference for low-cost applications ADS114S08 — 16-bit, 4-kSPS, 12-ch delta-sigma ADC with PGA and voltage reference for sensor measurement ADS114S08B — 16-bit, 4-kSPS, 12-ch delta-sigma ADC with PGA and voltage reference for low-cost applications ADS1158 — 16-Bit, 125kSPS, 16-Ch Delta-Sigma ADC w/ Fast Channel Scan & Automatic Sequencer ADS1174 — Quad, Simultaneous Sampling, 16-Bit Analog-to-Digital Converter ADS1178 — Octal, Simultaneous Sampling, 16-Bit Analog-to-Digital Converter ADS117L11 — 16-bit, 400-kSPS, low-power, wide-bandwidth delta-sigma ADC with input and reference buffers ADS1201 — High Dynamic Range Delta-Sigma Modulator ADS1202 — Current-shunt delta-sigma modulator, 10MHz CLK, +/-250mV input, 16-bit resolution ADS1203 — Current-shunt delta-sigma modulator, 10MHz CLK, +/-250mV input, 16-bit resolution, ext ref option ADS1204 — Four Delta-Sigma Modulators, 10MHz CLK, 0-5V Input, 16-Bit Resolution ADS1205 — Two 1-Bit, 10MHz, 2nd-Order, Delta-Sigma Modulator ADS1208 — 10MHz Modulator With Built-in Current Excitation for Hall Sensors ADS1209 — 16-Bit, 10MHz, 2-Ch, Delta-Sigma Modulator ADS1211 — 24-bit, 15.6-kSPS, 8-ch delta-sigma ADC with VREF and PGA ADS1213 — 22-bit, 6.25-kSPS, 8-ch Delta-Sigma ADC with VREF and PGA ADS1216 — 24-bit, 8-ch delta-sigma ADC with VREF, PGA, IDACs and RAM ADS1217 — 8-Channel, 24-Bit Analog-to-Digital Converter ADS1218 — 24-Bit, 780SPS ADC w/ Flash Memory, 8 Ch, VREF, Buffer, 2 IDACs, Serial Out, Digital I/O, Low Power ADS1219 — 24-bit, 1kSPS, 4-ch general-purpose delta-sigma ADC with I2C interface and external Vref inputs ADS1220 — 24-bit, 2-kSPS, four-channel, low-power, delta-sigma ADC with PGA, VREF, SPI and two IDACs ADS1222 — 24-bit ADC with 2-channel differential input multiplexer ADS1224 — 24-bit 240-SPS ADC with 4-channel differential input multiplexer, high-Z buffer, and serial output ADS1225 — 24-bit 100-SPS ADC with differential input and internal oscillator ADS1226 — 24-bit ADC with two differential input multiplexers and internal oscillators ADS122C04 — 24-bit, 2-kSPS, 4-ch, low-power, small-size delta-sigma ADC with PGA, VREF, 2x IDACs & I2C interface ADS122U04 — 24-bit, 2-kSPS, 4-ch, low-power, small-size delta-sigma ADC w/ PGA, VREF, 2x IDACs & UART interface ADS1230 — 20-Bit, 80SPS, 1-Ch Delta-Sigma ADC for Resistive Bridge Sensors & Weigh Scales ADS1231 — 24-Bit, 80SPS, 1-Ch Delta-Sigma ADC for Resistive Bridge Sensors & Weigh Scales ADS1232 — 24-Bit, 80SPS, 2-Ch (Differential), Pin-Programmable Delta-Sigma ADC for Bridge Sensors ADS1234 — 24-Bit, 80SPS, 4-Ch (Differential), Pin-Programmable Delta-Sigma ADC for Bridge Sensors ADS1235 — 24-bit, 7.2-kSPS, 3-ch differential, delta-sigma ADC with PGA and AC excitation for bridge sensors ADS1235-Q1 — Automotive 24-bit, 7.2-kSPS, 3-ch differential input, delta-sigma ADC with PGA and AC excitation ADS1240 — 24-Bit, 30-SPS, 4-Ch delta-sigma ADC with PGA ADS1241 — 24-Bit, 30-SPS, 8-Ch delta-sigma ADC with PGA ADS1242 — 24-Bit ADC, 4 Ch, PGA 1:128, 50/60 Hz Notch, 0.6 mW Power Consumption ADS1243 — 24-Bit ADC, 8 Ch, PGA 1:128, 50/60 Hz Notch, 0.6 mW Power Consumption ADS1243-HT — High-Temperature 24-Bit ADC, 8-Ch, PGA 1:128, 50/60Hz Notch ADS1244 — 24-Bit 15sps Delta-Sigma ADC with 50 & 60Hz rejection ADS1245 — 24-Bit Low-Power ADC With High-Z Input Buffer ADS1246 — 24-Bit, 2kSPS, 1-Ch Delta-Sigma ADC With PGA for Precision Sensor Measurement ADS1247 — 24-Bit, 2kSPS, 4-Ch Delta-Sigma ADC With PGA, Vref and 2x IDACs for Precision Sensor Measurement ADS1248 — 24-bit, 2-kSPS, eight-channel delta-sigma ADC for precision sensor measurement ADS124S06 — 24-bit, 4-kSPS, 6-ch delta-sigma ADC with PGA and voltage reference for precision sensor measurement ADS124S08 — 24-bit, 4-kSPS, 12-ch delta-sigma ADC with PGA and voltage reference for sensor measurement ADS1250 — 20-Bit Data Acquisition System Analog-to-Digital Converter ADS1251 — 24-Bit, 20kHz, Low-Power Analog-to-Digital Converter ADS1252 — ResolutionPlus 24-Bit, 40kHz Analog-to-Digital Converter ADS1253 — 24-Bit, 20-kSPS, 4-Ch, single-supply delta-sigma ADC ADS1254 — 24-Bit, 20-kSPS, 4-Ch delta-sigma ADC with separate AVDD and DVDD ADS1255 — 24-Bit, 30kSPS, Very-Low-Noise Delta-Sigma ADC ADS1256 — 24-Bit,

30kSPS, 8-Ch Delta-Sigma ADC With PGA for Factory Automation and Process Control ADS1257 — 24-Bit, 30kSPS, 4-Ch Industrial ADC With Integrated PGA ADS1258 — 24-bit, 125kSPS, 16-ch delta-sigma ADC with fast channel scan and automatic sequencer ADS1258-EP — Enhanced product 16-channel 24-bit analog-to-digital converter (ADC) ADS1259 — 24-bit, 14.4kSPS, 1-ch delta-sigma ADC with low-drift voltage reference for factory automation ADS1259-Q1 — Automotive, 24-bit, 14.4kSPS, 1-ch delta-sigma ADC w/ low-drift Vref for high-dynamic range systems ADS125H01 — 24-bit, 40-kSPS, 1-ch delta-sigma ADC with low-noise PGA and ±20-V input ADS125H02 — 24-bit, 40-kSPS, 2-ch delta-sigma ADC with ±20-V input, PGA, IDACs, GPIOs and VREF ADS1260 — 24-bit, 40-kSPS, 5-ch delta-sigma ADC with PGA, VREF and IDACs for factory automation ADS1260-Q1 — Automotive 24-bit, 40-kSPS, 5-ch delta-sigma ADC with PGA, VREF and IDACs ADS1261 — 24-bit, 40-kSPS, 10-ch delta-sigma ADC with PGA, VREF, IDACs & AC excitation for factory automation ADS1261-Q1 — Automotive 24-bit, 40-kSPS, 10-ch, delta-sigma ADC with PGA, VREF, IDACs and AC excitation ADS1262 — 32-bit 38-kSPS 10-ch delta-sigma ADC with PGA and voltage reference for factory automation ADS1263 — 32-bit 38-kSPS 10-ch delta-sigma ADC with PGA, VREF and auxiliary ADC for factory automation ADS1271 — 24-Bit, 105kSPS, 1-Ch Delta-Sigma ADC for Wide Bandwidth Applications ADS1274 — 24-Bit, 144kSPS, 4-Ch Simultaneous-Sampling Delta-Sigma ADC for Wide Bandwidth Applications ADS1278 — 24-Bit, 144kSPS, 8-Ch Simultaneous-Sampling Delta-Sigma ADC for Wide Bandwidth Applications ADS1278-EP — Enhanced Product Octal, 144kHz, Simultaneous Sampling 24-Bit Delta Sigma ADC ADS1278-HT — High-Temperature Quad/Octal, Simultaneous-Sampling, 24-Bit Analog-to-Digital Converter ADS1278-SP — Radiation Hardened 24-Bit 8-Ch Simultaneous-Sampling Delta-Sigma ADC ADS127L01 — 24-Bit, 512kSPS, 1-Ch, Very-Low-Power, Wide-Bandwidth Delta-Sigma ADC ADS127L11 — 24-bit, 400-kSPS, delta-sigma ADC with easy-to-drive inputs and wideband or low-latency filters ADS127L21 — 24-bit, 512-kSPS wide-bandwidth delta-sigma ADC with programmable IIR and FIR filters ADS1281 — Ultra-high-resolution 4-kSPS 1-channel delta-sigma ADC for seismic and energy exploration ADS1282 — Ultra-high-resolution 4-kSPS 2-channel delta-sigma ADC with PGA for seismic and energy exploration ADS1282-SP — High-resolution analog-to-digital converter (ADC) ADS1283 — Ultra-high-resolution 4-kSPS 2-ch delta-sigma ADC with PGA for seismic and energy exploration ADS1284 — Ultra-high-resolution 4-kSPS 2-ch ADC w/ PGA and low-power mode for seismic and geospace exploration ADS1285 — 32-bit high-resolution two-channel delta-sigma ADC for seismic and geospace exploration ADS1286 — 12-bit micropower sampling analog-to-digital converter (ADC) ADS1287 — Low-power 1-kSPS 1-ch delta-sigma ADC with PGA for seismic and energy exploration ADS1287D — Low-power 1-kSPS 2-ch (simultaneous) delta-sigma ADC with PGA for seismic and energy exploration ADS130B02-Q1 — Automotive 16-bit, 32-kSPS, two-channel, simultaneous-sampling, delta-sigma ADC ADS130B04-Q1 — Automotive 16-bit, 32-kSPS, four-channel, simultaneous-sampling, delta-sigma ADC ADS130E08 — Low-Cost, 8-Channel, Integrated Analog Front-End for Metering Applications ADS131A02 — 24-bit 128-kSPS 2-channel simultaneous-sampling delta-sigma ADC ADS131A04 — 24-bit 128-kSPS 4-channel simultaneous-sampling delta-sigma ADC ADS131B02-Q1 — Automotive 24-bit, 32-kSPS, two-channel, simultaneous-sampling, delta-sigma ADC ADS131B04-Q1 — Automotive 24-bit, 32-kSPS, four-channel, simultaneous-sampling, delta-sigma ADC ADS131B23 — 3 ADC channel, SPI, high-voltage battery pack monitor for current and voltage sensing ADS131B23-Q1 — Automotive high-voltage battery-pack monitor with three ADC channels for current and voltage sensing ADS131B24-Q1 — Automotive high-voltage battery-pack monitor with four ADC channels for current and voltage sensing ADS131B26-Q1 — Automotive high-voltage battery-pack monitor with six ADC channels for current and voltage sensing ADS131E04 — 24-bit 64-kSPS 4-channel simultaneous-sampling delta-sigma ADC for power monitoring and protection ADS131E06 — 24-bit 64-kSPS 6-channel simultaneous-sampling delta-sigma ADC for power monitoring and protection ADS131E08 — 24-bit 64-kSPS 8-channel simultaneous-sampling delta-sigma ADC for power monitoring and protection ADS131E08S — 24-bit 64-kSPS 8-ch simultaneous delta-sigma ADC with fast start-up for monitoring and protection ADS131M02 — Two-channel, 24-bit, 64-kSPS, simultaneous-sampling, delta-sigma ADC ADS131M02-Q1 — Automotive, two-channel, 24-bit, 64-kSPS simultaneous-sampling delta-sigma ADC ADS131M03 — Three-channel, 24-bit, 64-kSPS, simultaneous-sampling, delta-sigma ADC ADS131M03-Q1 — Automotive, three-channel, 24-bit, 64-kSPS, simultaneous-sampling, delta-sigma ADC ADS131M04 — Four-channel, 24-bit, 64-kSPS, simultaneous-sampling, delta-sigma ADC ADS131M04-Q1 — Automotive, four-channel, 24-bit, 64-kSPS simultaneous-sampling delta-sigma ADC ADS131M06 — Six-channel, 24-bit, 32-kSPS, simultaneous-sampling, delta-sigma ADC ADS131M06-Q1 — Automotive, six-channel, 24-bit, 32-kSPS simultaneous-sampling delta-sigma ADC ADS131M08 — 24-bit, 32-kSPS, 8-channel, simultaneous-sampling, delta-sigma ADC ADS131M08-Q1 — Automotive, eight-channel, 24-bit, 32-kSPS simultaneous-sampling delta-sigma ADC ADS1601 — 16-Bit, 1.25MSPS, High Speed and High Precision Delta Sigma ADC ADS1602 — 16-Bit, 2.5MSPS Analog-to-Digital Converter ADS1605 — 16-bit, 5 MSPS Delta-Sigma, Analog-to-Digital Converter ADS1606 — 16 Bit, 5MSPS Single Channel Delta-Sigma ADC Single with FIFO ADS1610 — 16-Bit, 10MSPS Delta-Sigma Analog-to-Digital Converter ADS1625 — 18 Bit, 1.25MSPS Single Channel Delta-Sigma ADC ADS1626 — 18 Bit, 1.25MSPS Single Channel Delta-Sigma ADC Single with an adjustable FIFO ADS1672 — High Speed High Resolution 625kSPS 24 bit Delta Sigma ADC ADS1675 — 4MSPS, 24-Bit Analog-to-Digital Converter ADS7028 — Small 8-channel 12-bit analog-to-digital converter (ADC) with SPI, GPIOs and CRC ADS7029-Q1 — Ultra-Low-Power Ultra-Small-Size 8-Bit 2MSPS SAR ADC ADS7038 — 8-channel, 1-MSPS, 12-bit analog-to-digital converter (ADC) with SPI, GPIOs and CRC ADS7038-Q1 — Automotive, 8-channel, 1-MSPS, 12-bit analog-to-digital converter (ADC) with SPI, GPIOs and CRC ADS7039-Q1 — Ultra-Low-Power Ultra-Small-Size 10-Bit 2MSPS SAR ADC ADS7040 — Ultra-low-power, ultra-small-size SAR ADC, 8 bit, 1 MSPS, single ended ADS7041 — Ultra-low power and ultra-small size SAR ADC, 10 bit, 1 MSPS, single ended ADS7042 — 12-Bit 1MSPS Ultra-Low-Power Ultra-Small-Size SAR ADC With SPI Interface ADS7043 — Ultra-Low-Power Ultra-Small-Size SAR ADC | 12 Bit | 1MSPS | Pseudo Differential ADS7044 — Ultra-Low-Power Ultra-Small-Size SAR ADC | 12 Bit | 1MSPS | Fully Differential ADS7046 — 12-Bit, 3MSPS, Single-Ended Input, Small-Size Low-Power SAR ADC ADS7047 — 12-Bit, 3MSPS, Differential Input, Small-Size Low-Power SAR ADC ADS7049-Q1 — Ultra-Low-Power Ultra-Small-Size 12-Bit 2MSPS SAR ADC ADS7052 — 14-Bit, 1MSPS, Single-Ended Input, Small-Size Low-Power SAR ADC ADS7054 — 14-Bit, 1MSPS, Differential Input, Small-Size Low-Power SAR ADC ADS7056 — 14-bit 2.5-MSPS ultra-low-power ultra-small-size SAR ADC with SPI ADS7057 — 14-Bit, 2.5MSPS, Differential Input, Small-Size Low-Power SAR ADC ADS7066 — Eight-channel, 250-kSPS, 16-bit analog-to-digital converter with internal reference, GPIOs and SPI ADS7067 — Eight-channel, 800-kSPS, 16-bit SAR analog-to-digital converter (ADC) with GPIOs and SPI ADS7128 — Small 8-ch 12-bit analog-to-digital converter (ADC) with I2C interface, GPIOs, CRC and RMS module ADS7138 — 8-channel, 140-kSPS, 12-bit analog-to-digital converter (ADC) with I2C, GPIOs and CRC ADS7138-Q1 — Automotive, 8-channel, 140-kSPS, 12-bit analog-to-digital converter (ADC) with I2C, GPIOs and CRC ADS7142 — 12-bit 140-kSPS 2-ch nanopower SAR ADC with 1.8-V operation in 1.5-mm x 2-mm QFN package ADS7142-Q1 — Automotive 2-channel 12-bit 140-kSPS I2C-compatible ADC with programmable threshold and host wake-up ADS7223 — 12-bit 1MSPS 4x2/2x2 Simultaneous Sampling SAR ADC

ADS7229 — 12-Bit, 1-MSPS, 1-ch SAR ADC w/ single-ended inputs ADS7230 — Low-power, 12-bit, 2-channel, 1-MHz, single/dual unipolar input, ADCs with serial interface ADS7250 — SAR ADC, Dual, 750 kSPS, 12 Bit, Simultaneous Sampling ADS7251 — SAR ADC, Dual, 2 MSPS, 12 Bit, Simultaneous Sampling ADS7253 — 12 Bit, 1 MSPS, Dual, Simultaneous Sampling Single Ended / Pseudo-Differential SAR ADC ADS7254 — 12 Bit, 1 MSPS, Dual, Simultaneous Sampling Differential SAR ADC ADS7263 — 14-bit 1MSPS 4x2/2x2 Simultaneous Sampling SAR ADC ADS7279 — Low-Power, 14-Bit, 1-MHz, Single Unipolar Input, ADC with Serial Interface ADS7280 — Low-Power, 14-Bit, 1-MHz, Dual Unipolar Input, ADC with Serial Interface ADS774 — Microprocessor-Compatible Sampling CMOS A/D Converter ADS774H — Microprocessor-Compatible Sampling CMS Analog-to-Digital Converter ADS7800 — 12-Bit 3us Sampling Analog-to-Digital Converter ADS7804 — 12-Bit 10us Sampling CMOS Analog-to-Digital Converter ADS7805 — 16-Bit 10us Sampling CMOS Analog-to-Digital Converter ADS7806 — Low-Power 12-Bit Sampling CMOS Analog-to-Digital Converter ADS7807 — Low-Power 16-Bit Sampling CMOS Analog-to-Digital Converter ADS7808 — 12-bit 10-µs serial CMOS-sampling analog-to-digital converter (ADC) ADS7809 — 16-Bit 10us Serial CMOS Sampling Analog-to-Digital Converter ADS7811 — 16-Bit, 250-kSPS, 1-Ch SAR ADC with single-ended input ADS7812 — Low-Power, Serial 12-Bit Sampling Analog-To-Digital Converter ADS7813 — Low-Power, Serial 16-Bit Sampling Analog-To-Digital Converter ADS7815 — 16-Bit, 250-kSPS, 1-Ch SAR ADC with single-ended input ADS7816 — 12-bit high-speed micropower sampling analog-to-digital converter (ADC) ADS7817 — 12-Bit Differential Input Micro Power Sampling Analog-to-Digital Converter ADS7818 — 12-Bit High Speed Low Power Sampling Analog-to-Digital Converter with 5V input range ADS7822 — 12-Bit, 200kSPS Micro Power Sampling Analog-To-Digital Converter ADS7822-Q1 — Automotive 12-Bit, 200kSPS Micro Power Sampling Analog-To-Digital Converter ADS7823 — 12-Bit Low Power,I2C Serial, Sampling Analog-To-Digital Converter ADS7824 — 4-Channel, 12-Bit Sampling CMOS A/D Converter ADS7825 — 4 Channel, 16-Bit Sampling CMOS A/D Converter ADS7826 — 5.25V-2.7V, 10 bit, 200KSPS, Synchronous Serial ADC ADS7827 — 5.25V-2.7V, 8 bit, 250KSPS, Synchronous Serial ADC ADS7828 — 12-Bit, 8-Channel SAR ADC with Internal Reference and I2C Interface ADS7828-Q1 — Automotive 12-Bit 50 kSPS ADC I2C Low Power 8-Channel MUX Int 2.5V Ref ADS7829 — 12-Bit High Speed 2.7V microPower Sampling Analog-to-Digital Converter ADS7830 — 8-Bit, 8-Channel Sampling A/D Converter with I2C Interface ADS7834 — 12-Bit High Speed Low Power Sampling Analog-to-Digital Converter with 2.5V input range ADS7835 — 12-Bit, High-Speed, Low Power Sampling Analog-to-Digital Converter ADS7841 — 12-bit 4-channel serial output sampling analog-to-digital converter (ADC) ADS7841-Q1 — Automotive 12-bit 4-channel serial output sampling analog-to-digital converter (ADC) ADS7842 — 12-Bit, 4-Channel Parallel Output Sampling Analog-to-Digital Converter ADS7844 — 12-Bit, 8-Channel Serial Output Sampling Analog-To-Digital Converter ADS7850 — SAR ADC, Dual, 750 kSPS, 14 Bit, Simultaneous Sampling ADS7851 — SAR ADC, Dual, 1.5 MSPS, 14 Bit, Simultaneous Sampling ADS7852 — 12-Bit, 8-Channel, Parallel Output Analog-to-Digital Converter ADS7853 — SAR ADC, dual, single-ended input, 1 MSPS, 14-bit, simultaneous sampling ADS7854 — SAR ADC, dual, differential input, 1 MSPS, 14-bit, simultaneous sampling ADS7861 — Dual, 500kHz, 12-Bit, 2+2 Ch, Simultaneous Sampling Analog-To-Digital Converter ADS7862 — Dual 500kHz, 12-Bit, 2+2 Ch Simultaneous Sampling Analog-To-Digital Converter ADS7863 — Dual, 2MSPS, 12-Bit, 3+3 or 2+2 Channel, Simultaneous Sampling Analog-To-Digital SAR Converter ADS7863A — Dual, 2MSPS, 12-Bit, 2+2 or 3+3 Channel, Simultaneous Sampling SAR ADC ADS7864 — 500kHz, 12-Bit, 6-Channel Simultaneous Sampling Analog-To-Digital Converter ADS7865 — Dual, 2MSPS, 12-Bit, 3+3 or 2+2 Channel, Simultaneous Sampling ADC ADS7866 — 1.2V, 12 Bit 200KSPS, Serial ADC ADS7867 — 1.2V, 10 bit 240KSPS, Serial ADC ADS7868 — 1.2V, 8 bit 280KSPS, Serial ADC ADS7869 — 12-Ch 7 Simultaneous Sampling, Analog Motor Control Front End w/3 1MSPS, 12-Bit ADCs ADS7870 — 12-Bit ADC, MUX, PGA and Internal Reference Data Acquisition System ADS7871 — 14-Bit 48KSPS DAS with ADC, MUX, PGA and Internal Reference ADS7881 — 2.7V-5.25V Digital, 5V Analog, 12 Bit, 4MSPS, Parallel ADC with Ref ADS7882 — 2.7V-5.25V Digital, 5V Analog, 12 Bit, 3MSPS, Parallel ADC with Ref ADS7883 — 2.7V-5.5V, 12 bit, 3MSPS, Serial ADC ADS7884 — 2.7V-5.5V, 10 Bit, 3MSPS, Serial ADC ADS7885 — 2.7V-5.5V, 8 Bit, 3MSPS, Serial ADC ADS7886 — 2.35V-5.25V, 12 bit, 1MSPS, Serial ADC ADS7887 — 2.35V-5.25V, 10 Bit, 1.25MSPS, Serial ADC ADS7888 — 2.35V-5.25V, 8 Bit, 1.25MSPS, Serial ADC ADS7890 — 14-Bit, 1.25MSPS, 1-Ch SAR ADC with Serial Interface and Internal Voltage Reference ADS7891 — 2.7-V to 5.25-V digital, 5-V analog, 14-bit 3-MSPS parallel ADC with internal reference ADS7924 — 12-Bit 4-Ch MUX-Input SAR ADC With Intelligent System Power Control ADS7945 — 14-Bit, 2MSPS, Dual-Channel, Unipolar, Differential, u-Power SAR ADC ADS7946 — 14-Bit, 2MSPS, Dual-Channel, Unipolar, Pseudo-Differential, u-Power SAR ADC ADS7947 — 12-Bit, 2 MSPS, Dual Channel, Pseudo-differential uPower Serial SAR ADC ADS7948 — 10-Bit, 2 MSPS, Dual Channel, Pseudo-differential uPower Serial SAR ADC ADS7949 — 8-Bit, 2 MSPS, Dual Channel, Pseudo-differential, uPower Serial SAR ADC ADS7950 — 12 bit, 1 MSPS, 4 ch, single ended, micro power, sr i/f, SAR ADC ADS7950-Q1 — Automotive, 12-bit, 1-MSPS, 4-channel, single-ended SAR ADC ADS7951 — 12 bit, 1 MSPS, 8 Channel, Single-Ended, SAR ADC ADS7951-Q1 — Automotive 12 bit, 1 MSPS, 8 Channel, Single-Ended, SAR ADC ADS7952 — 12 bit, 1 MSPS, 12 Ch, single ended, micro power, sr i/f, SAR ADC ADS7952-Q1 — Automotive 12-Bit, 1MSPS, 12-Channel Single-Ended Micropower, Serial Interface ADC ADS7953 — 12-Bit, 1-MSPS, 16-Channel, Single-Ended, microPower SAR ADC with Serial I/F ADS7953-Q1 — Automotive 12-Bit, 1MSPS, 16-Channel Single-Ended Micropower, Serial Interface ADC ADS7954 — 10 bit, 1 MSPS, 4 Ch, Single Ended, Micro Power, sr i/f, SAR ADC ADS7954-Q1 — Automotive 10 bit, 1 MSPS, 4 Channel, Single-Ended, SAR ADC ADS7955 — 10 bit, 1 MSPS, 8 Ch, Single Ended, Micro Power, sr i/f, SAR ADC ADS7955-Q1 — Automotive 10 bit, 1 MSPS, 8 Channel, Single-Ended, SAR ADC ADS7956 — 10 bit, 1 MSPS, 12 Ch, Single Ended, Micro Power, sr i/f, SAR ADC ADS7956-Q1 — Automotive 10-Bit, 1MSPS, 12-Channel Single-Ended Micropower, Serial Interface ADC ADS7957 — 10 bit, 1 MSPS, 16 Ch, Single Ended, Micro Power, sr i/f, SAR ADC ADS7957-Q1 — Automotive 10-Bit, 1MSPS, 16-Channel Single-Ended Micropower, Serial Interface ADC ADS7958 — 8 bit, 1 MSPS, 4 Channel, Single-Ended, SAR ADC ADS7958-Q1 — Automotive 8 bit, 1 MSPS, 4 Channel, Single-Ended, SAR ADC ADS7959 — 8 bit, 1 MSPS, 8 Ch, Single Ended, Micro Power, sr i/f, SAR ADC ADS7959-Q1 — Automotive 8 bit, 1 MSPS, 8 Channel, Single-Ended, SAR ADC ADS7960 — 8 Bit, 1 MSPS, 12 Ch, Single Ended, Micro Power, sr i/f, SAR ADC ADS7960-Q1 — Automotive 8 bit, 1 MSPS, 12 Channel, Single-Ended, SAR ADC ADS7961 — 8 Bit, 1 MSPS, 16 Ch, Single Ended, Micro Power, sr i/f, SAR ADC ADS7961-Q1 — Automotive 8-Bit, 1MSPS, 16-Channel Single-Ended Micropower, Serial Interface ADC ADS8028 — 12-bit, 8-channel, 1MSPS, SAR ADC with Internal Reference and Internal Temperature Sensor ADS8166 — 16-bit, 250-kSPS, 8-ch SAR ADC with VREF, VREF buffer and direct sensor interface ADS8167 — 16-bit, 500-kSPS, 8-ch SAR ADC with VREF, VREF buffer and direct sensor interface ADS8168 — 16-bit, 1-MSPS, 8-ch SAR ADC with VREF, VREF buffer and direct sensor interface ADS8201 — 2.2V to 5.5V, Low-Power, 12-Bit, 100kSPS, 8-Channel DAS with PGA and SPI™ ADS8284 — 18 bit, 1 MSPS, 4 channel, Pseudo bipolar, differential ADC with onboard ADC driver OPA ADS8317 — 16-Bit, Pseudo-Bipolar, Fully Diff Input, 250kSPS Serial Out, 2.7V-to-5.5V Micropower Sampling ADC ADS8318 — 16-Bit, Unipolar Differential

Input, 500kSPS Serial Out, 4.5V-to-5.5V Micropower Sampling ADC ADS8319 — Precision 16-Bit SAR Analog-to-Digital Converter (ADC) With SPI Interface ADS8320 — 16-Bit, High-Speed, 2.7V-to-5V Micropower Sampling Analog-to-Digital Converter (ADC) ADS8320-HT — High-Temperature 16-bit, high-speed, 2.7 V-to-5 V micropower sampling ADC ADS8321 — 16-Bit, High-Speed, Micropower Sampling Analog-to-Digital Converter (ADC) ADS8322 — Unipolar, 16-Bit, 500kSPS CMOS Analog-to-Digital Converter (ADC) ADS8323 — Pseudo Bipolar, 16-Bit, 500kSPS CMOS Analog-to-Digital Converter ADS8324 — 14-Bit 50 kSPS ADC Ser. Out, 1.8V Operation ADS8325 — 16-Bit, 100kSPS Serial Out, 2.7V-to-5.5V Micropower Sampling ADC ADS8326 — 16-Bit, Pseudo-Diff Input, 250kSPS Serial Out, 2.7V-to-5.5V Micropower Sampling ADC ADS8327 — 2.7V-to-5.5V 16-Bit 500kSPS Serial Analog-to-Digital Converter (ADC) ADS8328 — 2.7V-to-5.5V 16-Bit 500kSPS Serial ADC With 2-to-1 Multiplexer ADS8329 — 2.7V-to-5.5V 16-Bit 1MSPS Serial Analog-to-Digital Converter (ADC) ADS8330 — 2.7V-to-5.5V 16-Bit 1MSPS Serial ADC With 2-to-1 Multiplexer ADS8331 — 2.7V-to-5.5V 16-Bit 500kSPS Low-Power Serial Analog-to-Digital Converter (ADC) ADS8332 — 2.7V-to-5.5V, 16-Bit, 500kSPS Low-Power Serial ADC With 8-Ch Multiplexer and Breakout ADS8339 — 16-bit, 250-kSPS, serial-interface micropower, miniature SAR ADC ADS8341 — 16-Bit, 4-Channel Serial Output Sampling Analog-to-Digital Converter (ADC) ADS8342 — 16-Bit 250 kSPS ADC Parallel Out, 4 true bipolar channels ADS8343 — 16-Bit, 4-Channel Serial Output Sampling Analog-To-Digital Converter ADS8344 — 16-Bit, 100-kSPS, 8-Ch SAR ADC with single-ended inputs ADS8345 — 16-Bit, 100-kSPS, 8-Ch SAR ADC with fully differential inputs ADS8350 — Dual 750kSPS 16-Bit Simultaneous-Sampling SAR Analog-to-Digital Converter (ADC) ADS8353 — 16-bit 600-kSPS 2-channel simultaneous-sampling SAR ADC with single-ended inputs ADS8353-Q1 — Automotive 16-bit 600-kSPS 2-channel simultaneous-sampling SAR ADC with single-ended inputs ADS8354 — Dual 700kSPS 16-Bit Simultaneous-Sampling SAR Analog-to-Digital Converter (ADC) ADS8355 — 16-bit 1-MSPS 2-channel simultaneous-sampling SAR ADC with single-ended inputs ADS8361 — 16-Bit 500 kSPS 2 ADCs, 4ch, serial out ADS8363 — 16-Bit, 1-MSPS, 4x2/2x2 Simultaneous-Sampling SAR ADC ADS8364 — 6-Channel 16-Bit Simultaneous-Sampling SAR ADC With 250kSPS for Motor and Power Control ADS8365 — 16-Bit 250kSPS 6-Ch Simultaneous Sampling SAR ADC ADS8370 — 16-Bit 600KSPS Serial ADC with Ref and Unipolar Pseudo Diff Input ADS8371 — 16-Bit 750-kHz Unipolar Input Micro Power Sampling ADC Converter w/Parallel ADS8372 — 16-Bit 600KSPS Serial ADC with Ref and Pseudo Bipolar, Fully Differential Input ADS8380 — 18-Bit 600KSPS Serial ADC with Ref and Unipolar Pseudo Diff Input ADS8381 — 18 Bit 580KSPS parallel ADC ADS8382 — 18-Bit 600KSPS Serial ADC with Ref and Pseudo Bipolar, Fully Differential Input ADS8383 — 18 Bit 500KSPS Parallel ADC ADS8405 — 16-Bit 1.25 MSPS Unipolar Input Micro Power Sampling ADC ADS8406 — 16-Bit 1.25 MSPS, Pseudo Bipolar, Fully Differential Input Micro Power Sampling ADC ADS8411 — 16-Bit, 2MSPS ADC with P8/P16 Parallel Output, Internal Clock & Internal Reference ADS8412 — 16-Bit 2MSPS Parallel ADC W/Ref, Unipolar Fully Differential Input ADS8413 — 16-bit, Unipolar Diff Input, 2MSPS Sampling rate, 4.75V to 5.25V ADC with LVDS Serial Interface ADS8422 — 16 Bit 4MSPS Parallel ADC W/Ref, Pseudo Bipolar, Fully Differential Input ADS8471 — 16-bit 1-MSPS pseudo-differential SAR ADC with reference ADS8472 — 16-Bit 1MSPS 0.65 LSB Max INL Precision ADC with Parallel Interface and Reference ADS8481 — 18 Bit 1MSPS parallel ADC W/Ref ADS8482 — 18 Bit 1MSPS Parallel ADC W/Ref, Pseudo Bipolar, Fully Differential Input ADS8484 — 18 Bit 1.25MSPS Parallel ADC W/Ref, Pseudo Bipolar, Fully Differential Input ADS8504 — 12-Bit 250kHz CMOS Analog-to-Digital Converter With Parallel Interface 2.5V Internal Reference ADS8505 — 16-Bit, 250-kSPS, 1-Ch SAR ADC with programmable (±10/±5/±3.3V) input ranges and parallel interface ADS8506 — 12-Bit 40KSPS Analog-to-Digital Converter With Serial Interface and Reference Parallel ADS8507 — 16-Bit 40KSPS Analog-to-Digital Converter With Internal Reference and Parallel/Serial Interface ADS8508 — 12-Bit 250kHz CMOS Analog-to-Digital Converter With Serial Interface 2.5V Internal Reference ADS8509 — 16-Bit, 250-kSPS, 1-Ch SAR ADC with programmable (±10/±5/±3.3V) input ranges and SPI interface ADS8512 — 12-Bit 40kSPS Low-Power Sampling ADC With Internal Reference and Serial Interface ADS8513 — 16-Bit 40kSPS Low-Power Sampling ADC With Internal Reference and Parallel/Serial Interface ADS8515 — 16-Bit 250kHz CMOS Analog-to-Digital Converter With Parallel Interface 4.096V Internal Reference ADS8517 — Low-Power 16-Bit 200kSPS ±10V Bipolar Input SAR ADC With S/P Interface ADS8519 — 16-Bit 250kHz CMOS Analog-to-Digital Converter With Serial Interface 4.096V Internal Reference ADS8528 — 12-Bit 8-Channel Simultaneous-Sampling Bipolar-Input ADC ADS8548 — 14-Bit 8-Channel Simultaneous-Sampling Bipolar-Input ADC ADS8555 — 630-kSPS, 16-bit, six-channel, simultaneous-sampling analog-to-digital converter (ADC) ADS8556 — 630kSPS 6-Channel Simultaneous-Sampling ADC ADS8557 — 670kSPS 14-Bit 6-Channel Simultaneous-Sampling ADC ADS8558 — 730kSPS 12-Bit 6-Channel Simultaneous-Sampling ADC ADS8568 — 16-bit, 8-channel, simultaneous-sampling, bipolar-input, SAR analog-to-digital converter (ADC) ADS8578S — 14-Bit High-Speed 8-Channel Simultaneous-Sampling ADC With Bipolar Inputs on a Single Supply ADS8584S — 16-Bit High-Speed 4-Channel Simultaneous-Sampling ADC With Bipolar Inputs on a Single Supply ADS8586S — 16-Bit High-Speed 6-Channel Simultaneous-Sampling ADC With Bipolar Inputs on a Single Supply ADS8588H — 16-Bit 500kSPS 8-Channel Simultaneous-Sampling ADC With Bipolar Inputs on a Single Supply ADS8588S — 16-Bit High-Speed 8-Channel Simultaneous-Sampling ADC With Bipolar Inputs on a Single Supply ADS8598H — 18-Bit 500kSPS 8-Channel Simultaneous-Sampling ADC With Bipolar Inputs on a Single Supply ADS8598S — 18-Bit 200kSPS 8-Channel Simultaneous-Sampling ADC With Bipolar Inputs on a Single Supply ADS8634 — 12-Bit 4-Channel Bipolar SAR With Software-Selectable Input Ranges ADS8638 — 12-Bit 8-Channel Bipolar SAR With Software-Selectable Input Ranges ADS8661 — 12-Bit, 1.25-MSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8664 — 12-Bit SAR ADC With 4-Channels, 500kSPS, and Bipolar Inputs Off 5V Supply ADS8665 — 12-Bit, 500-kSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8668 — 12-Bit 500kSPS 8-Channel SAR ADC With Bipolar Inputs Off 5V Supply ADS8671 — 14-Bit, 1-MSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8674 — 14-Bit 500kSPS 4-Channel SAR ADC With Bipolar Inputs Off 5V Supply ADS8675 — 14-Bit, 500-kSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8678 — 14-Bit 500kSPS 8-Channel SAR ADC With Bipolar Inputs Off 5V Supply ADS8681 — 16-Bit, 1-MSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8684 — 16-Bit, 500-kSPS, 4-Ch SAR ADC w/ programmable (±10/±5/±2.5V) input ranges on +5V supply ADS8684A — 16-Bit, 500-kSPS, 4-Ch SAR ADC w/ programmable (±10/±5/±2.5V) input ranges & ALARM on +5V supply ADS8685 — 16-Bit, 500-kSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8686S — 16-channel 16-bit 1-MSPS dual simultaneous-sampling ADC with integrated analog front end (AFE) ADS8688 — 16-bit, 500-kSPS, 8-channel, single-supply SAR ADC with bipolar input ranges ADS8688A — 16-bit, 500-kSPS, 8-channel SAR ADC with bipolar inputs using 5-V supply and low-drift VREF ADS8688AT — 16-bit, 500-kSPS, 8-ch, SAR ADC with bipolar inputs using 5 V, low-drift VREF and wide temp range ADS8689 — 16-Bit, 100-kSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8691 — 18-Bit, 1-MSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8694 — 18-Bit 500kSPS 4-Channel SAR ADC

With Bipolar Inputs Off 5V Supply ADS8695 — 18-Bit, 500-kSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8698 — 18-Bit 500kSPS 8-Channel SAR ADC With Bipolar Inputs Off 5V Supply ADS8699 — 18-Bit, 100-kSPS, 1-Ch SAR ADC with programmable (±12/±10/±6/±5/±2.5V) input ranges on +5V supply ADS8860 — 16-bit, 1-MSPS, 1-channel SAR ADC with single-ended input, SPI and daisy chain ADS8861 — 16-Bit, 1-MSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain ADS8862 — 16-Bit, 680-kSPS, 1-Ch SAR ADC with Single-Ended Input, SPI Interface and Daisy-Chain ADS8863 — 16-Bit, 680-kSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain ADS8864 — 16-Bit, 400-kSPS, 1-Ch SAR ADC with Single-Ended Input, SPI Interface and Daisy-Chain ADS8865 — 16-Bit, 400-kSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain ADS8866 — 16-Bit, 100-kSPS, 1-Ch SAR ADC with Single-Ended Input, SPI Interface and Daisy-Chain ADS8867 — 16-Bit, 100-kSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain ADS8881 — 18-Bit, 1-MSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain ADS8883 — 18-Bit, 680-kSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain ADS8885 — 18-Bit, 400-kSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain ADS8887 — 18-Bit, 100-kSPS, 1-Ch SAR ADC with True-Differential Input, SPI Interface and Daisy-Chain ADS8900B — 20-bit, 1-MSPS, one-channel SAR ADC with internal VREF buffer, internal LDO and enhanced SPI ADS8902B — 20-bit, 500-kSPS, one-channel SAR ADC with internal VREF buffer, internal LDO and enhanced SPI ADS8904B — 20-bit, 250-kSPS, one-channel SAR ADC with internal VREF buffer, internal LDO and enhanced SPI ADS8910B — 18-Bit, 1-MSPS, 1-Ch SAR ADC with Internal VREF Buffer, Internal LDO and Enhanced SPI Interface ADS8912B — 18-Bit, 500-kSPS, 1-Ch SAR ADC with Internal VREF Buffer, Internal LDO and Enhanced SPI Interface ADS8914B — 18-Bit, 250-kSPS, 1-Ch SAR ADC with Internal VREF Buffer, Internal LDO and Enhanced SPI Interface ADS8920B — 16-bit, 1-MSPS, one-channel SAR ADC with internal VREF buffer, internal LDO and enhanced SPI ADS8922B — 16-bit, 500-kSPS, one-channel SAR ADC with internal VREF buffer, internal LDO and enhanced SPI ADS8924B — 16-bit, 250-kSPS, one-channel SAR ADC with internal VREF buffer, internal LDO and enhanced SPI ADS9110 — 18-bit, 2-MSPS, one-channel SAR ADC with enhanced serial peripheral interface (SPI) ADS9120 — 16-Bit, 2.5-MSPS, 1-Ch SAR ADC with Enhanced SPI Interface ADS9218 — Two-channel, simultaneous-sampling, 18-bit 10-MSPS SAR ADC with fully-differential ADC input driver ADS9224R — 16-bit, 3-MSPS, dual-channel, simultaneous-sampling SAR ADC with internal reference and enhanced SPI ADS9226 — 16-bit, 2.048-MSPS, dual-channel, simultaneous-sampling SAR ADC with enhanced SPI ADS9227 — Two-channel, simultaneous-sampling, 16-bit 5-MSPS SAR ADC with fully-differential ADC input driver ADS9234R — 14-bit, 3.5-MSPS, dual, simultaneous-sampling SAR ADC with internal reference and enhanced SPI ADS9815 — Eight-channel, 18-bit, 1-MSPS/ch dual simultaneous-sampling ADC with integrated analog front end ADS9817 — Eight-channel, 18-bit, 2-MSPS/ch dual simultaneous-sampling ADC with integrated analog front end

Biosensing AFEs

ADS1191 — 16-bit, 1-ch, Low-Power Analog Front END (AFE) for ECG Applications ADS1192 — 16-bit, 2-ch, Low-Power Analog Front END (AFE) for ECG Applications ADS1194 — Low-Power, 4-Channel, 16-Bit Analog Front-End for ECG ADS1196 — Low-Power, 6-Channel, 16-Bit Analog Front-End for ECG ADS1198 — Low-Noise, 8 Channel, 16 Bit Analog Front End for ECG/EEG Measurements ADS1291 — 24-bit, 1-ch, Low-Power Analog Front END (AFE) for ECG Applications ADS1292 — 24-bit, 2-ch, Low-Power Analog Front END (AFE) for ECG Applications ADS1292R — 2-Channel 24-Bit ADC With Integrated Respiration Impedance and ECG Front End ADS1293 — 24-bit, 3-ch, Low-Power Analog Front END (AFE) for ECG Applications ADS1294 — 4-Channel 24-Bit ADC With Integrated ECG Front End ADS1294R — 4-Channel 24-Bit ADC With Integrated Respiration Impedance and ECG Front End ADS1296 — 6-Channel 24-Bit ADC With Integrated ECG Front End ADS1296R — 6-Ch 24-Bit ADC With Integrated Respiration Impedance and ECG Front End ADS1298 — 8-Channel 24-bit ADC With Integrated ECG Front End ADS1298R — 24-Bit 8-Ch Analog Front-End With Integrated Respiration Impedance for ECG ADS1299 — Low-Noise, 8-Channel, 24-Bit Analog-to-Digital Converter for Biopotential Measurements ADS1299-4 — Low-Noise, 4-Channel, 24-Bit Analog-to-Digital Converter for Biopotential Measurements ADS1299-6 — Low-noise, 6-channel, 24-bit analog-to-digital converter for biopotential measurements

High-speed ADCs (≥10 MSPS)

ADS2806 — Dual-Channel, 12-Bit, 32-MSPS Analog-to-Digital Converter (ADC) ADS2807 — Dual-Channel, 12-Bit, 50-MSPS Analog-to-Digital Converter (ADC) ADS4122 — 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS4125 — 12-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS4126 — 12-Bit, 160-MSPS Analog-to-Digital Converter (ADC) ADS4128 — 12-Bit, 200-MSPS Analog-to-Digital Converter (ADC) ADS4129 — 12-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS4142 — 14-bit, 65 MSPS, Analog-to-Digital Converter (ADC) ADS4145 — 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS4146 — 14-Bit, 160-MSPS Analog-to-Digital Converter (ADC) ADS4149 — 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS41B25 — 12-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS41B29 — 12-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS41B49 — 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS4222 — Dual-Channel, 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS4225 — Dual-Channel, 12-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS4226 — Dual-Channel, 12-Bit, 160-MSPS Analog-to-Digital Converter (ADC) ADS4229 — Dual-Channel, 12-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS4242 — Dual-Channel, 14-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS4245 — Dual-Channel, 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS4245-EP — Dual-Channel, 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC)- Enhanced Product ADS4246 — Dual-Channel, 14-Bit, 160-MSPS Analog-to-Digital Converter (ADC) ADS4249 — Dual-Channel, 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS42B49 — Dual-Channel, 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS42JB46 — Dual-Channel, 14-Bit, 160-MSPS Analog-to-Digital Converter (ADC) ADS42JB49 — Dual-Channel, 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS42JB69 — Dual-Channel, 16-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS42LB49 — Dual-Channel, 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS42LB69 — Dual-Channel, 16-Bit 250-MSPS Analog-to-Digital Converter (ADC) ADS4449 — Quad-Channel, 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS5231 — Dual-Channel, 12-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS5232 — Dual-Channel, 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS5237 — Dual-Channel, 10-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS5240 — Quad-Channel, 12-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS5242 — Quad-Channel, 12-Bit, 65-MSPS Analog-to-Digital

Converter (ADC) ADS5263 — Quad-Channel, 16-Bit, 100-MSPS Analog-to-Digital Converter (ADC) ADS5270 — Eight-Channel, 12-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS5271 — Eight-Channel, 12-Bit, 50-MSPS Analog-to-Digital Converter (ADC) ADS5272 — Eight-Channel, 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS5273 — Eight-Channel, 12-Bit, 70-MSPS Analog-to-Digital Converter (ADC) ADS5277 — Eight-Channel, 10-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS5281 — Eight-Channel, 12-Bit, 50-MSPS Analog-to-Digital Converter (ADC) ADS5282 — Eight-Channel, 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS5287 — Eight-Channel, 10-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS5292 — Eight-Channel, 12-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS5294 — Eight-Channel, 14-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS5295 — Octal Channel 12-Bit, 100MSPS High-SNR and Low-Power ADC ADS5296A — 10-Bit, 200-MSPS, 4 or 8-Channel / 12-Bit, 80-MSPS, 8-Channel ADC ADS52J65 — 8-channel 16-bit 125-MSPS analog-to-digital converter (ADC) with JESD204B interface ADS52J90 — 14-bit multichannel low-power high-speed analog-to-digital converter (ADC) ADS52J91 — 10-bit, 12-bit, and 14-bit, multichannel, low-power ADC with LVDS and JESD outputs ADS5400 — 12-bit 1-GSPS analog-to-digital converter (ADC) ADS5400-SP — QMLV, 50-krad, ceramic, 12-bit, single-channel, 1-GSPS ADC ADS5401 — 12-Bit, 800-MSPS Analog-to-Digital Converter (ADC) ADS5402 — Dual-Channel, 12-Bit, 800-MSPS Analog-to-Digital Converter (ADC) ADS5403 — 12-Bit, 500-MSPS Analog-to-Digital Converter (ADC) ADS5404 — Dual-Channel, 12-Bit, 500-MSPS Analog-to-Digital Converter (ADC) ADS5407 — Dual-Channel, 12-Bit, 500-MSPS Analog-to-Digital Converter (ADC) ADS5409 — Dual-Channel, 12-Bit, 900-MSPS Analog-to-Digital Converter (ADC) ADS5411 — 11-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS5413 — 12-Bit, 65-MSPS, 1.0-GHz Input Bandwidth Analog-to-Digital Converter (ADC) ADS5421 — 14-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS5422 — 14-Bit, 62-MSPS Analog-to-Digital Converter (ADC) ADS5423 — 14-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS5424 — 14-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS5424-SP — QMLV, 150-krad, ceramic, 14-bit, single-channel, 125-MSPS ADC ADS5440 — 13-Bit, 210-MSPS Analog-to-Digital Converter (ADC) ADS5440-EP — 13-Bit, 210-MSPS Analog-to-Digital Converter (ADC) - Enhanced-Product ADS5444 — 13-bit 250-MSPS analog-to-digital converter (ADC) ADS5444-EP — 13-bit 250-MSPS analog-to-digital converter (ADC) - enhanced product ADS5444-SP — QMLV, ceramic, 13-bit, single-channel, 250-MSPS ADC ADS5463 — 12-bit 500-MSPS analog-to-digital converter (ADC) ADS5463-EP — 12-bit 500-MSPS analog-to-digital converter (ADC) - enhanced product ADS5463-SP — Radiation-hardness-assured (RHA), QMLV, 100-krad, ceramic, 12-bit, single, 500-MSPS ADC ADS5474 — 14-bit 400-MSPS analog-to-digital converter (ADC) ADS5474-SP — Radiation-hardness-assured (RHA), QMLV, 100-krad, ceramic, 14-bit, single, 400-MSPS ADC ADS5481 — 16-bit, 80-MSPS analog-to-digital converter (ADC) with high SFDR and LVDS outputs ADS5482 — 16-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS5483 — 16-Bit, 135-MSPS Analog-to-Digital Converter (ADC) ADS5484 — 16-Bit, 170-MSPS Analog-to-Digital Converter (ADC) ADS5485 — 16-Bit, 200-MSPS Analog-to-Digital Converter (ADC) ADS54J20 — Dual-Channel, 12-Bit, 1.0-GSPS Analog-to-Digital Converter (ADC) ADS54J40 — Dual-Channel, 14-Bit, 1.0-GSPS Analog-to-Digital Converter (ADC) ADS54J42 — Dual-Channel, 14-Bit, 625-MSPS Analog-to-Digital Converter (ADC) ADS54J54 — Quad-Channel, 14-Bit, 500-MSPS Analog-to-Digital Converter (ADC) ADS54J60 — Dual-Channel, 16-Bit, 1.0-GSPS Analog-to-Digital Converter (ADC) ADS54J64 — Quad-Channel, 14-Bit, 1-GSPS, 2x-Oversampling Analog-to-Digital Converter (ADC) ADS54J66 — Quad-Channel, 14-Bit, 500-MSPS Analog-to-Digital Converter (ADC) ADS54J69 — Dual-Channel, 16-Bit, 500-MSPS Analog-to-Digital Converter (ADC) ADS54RF63 — 12-Bit, 550-MSPS, RF Sampling Analog-to-Digital Converter (ADC) ADS5500 — 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS5500-EP — 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC)- Enhanced Product ADS5510 — 11-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS5517 — 11-Bit, 200-MSPS Analog-to-Digital Converter (ADC) ADS5520 — 12-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS5521 — 12-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS5522 — 12-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS5525 — 12-Bit, 170-MSPS Analog-to-Digital Converter (ADC) ADS5527 — 12-Bit, 210-MSPS Analog-to-Digital Converter (ADC) ADS5541 — 14-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS5542 — 14-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS5545 — 14-Bit, 170-MSPS Analog-to-Digital Converter (ADC) ADS5546 — 14-Bit, 190-MSPS Analog-to-Digital Converter (ADC) ADS5547 — 14-Bit, 210-MSPS Analog-to-Digital Converter (ADC) ADS5553 — Dual-Channel, 14-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS5560 — 16-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS5562 — 16-bit, 80-MSPS analog-to-digital converter (ADC) with high SNR and CMOS/LVDS outputs ADS58B18 — 11-Bit, 200-MSPS Analog-to-Digital Converter (ADC) ADS58B19 — 9-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS58C28 — Dual-Channel, 11-Bit, 200-MSPS Analog-to-Digital Converter (ADC) ADS58C48 — Quad-Channel, 11-Bit, 200-MSPS Analog-to-Digital Converter (ADC) ADS6122 — 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS6123 — 12-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS6124 — 12-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS6125 — 12-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS6128 — 12-Bit, 210-MSPS Analog-to-Digital Converter (ADC) ADS6129 — 12-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS6142 — 14-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS6143 — 14-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS6144 — 14-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS6145 — 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS6148 — 14-Bit, 210-MSPS Analog-to-Digital Converter (ADC) ADS6149 — 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS61B23 — 12-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS61B29 — 12-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS61B49 — 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS61JB23 — 12-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS61JB46 — 14-Bit, 160-MSPS Analog-to-Digital Converter (ADC) ADS6222 — Dual-Channel, 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS6224 — Dual-Channel, 12-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS6225 — Dual-Channel, 12-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS6242 — Dual-Channel, 14-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS6243 — Dual-Channel, 14-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS6244 — Dual-Channel, 14-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS6245 — Dual-Channel, 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS62C15 — Dual-Channel, 11-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS62C17 — Dual-Channel, 11-Bit, 200-MSPS Analog-to-Digital Converter (ADC) ADS62P15 — Dual-Channel, 11-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS62P19 — Dual-Channel, 11-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS62P22 — Dual-Channel, 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS62P23 — Dual-Channel, 12-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS62P24 — Dual-Channel, 12-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS62P25 — Dual-Channel, 12-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS62P28 — Dual-Channel, 12-Bit, 210-MSPS Analog-to-Digital Converter (ADC) ADS62P29 — Dual-Channel, 12-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS62P42 — Dual-Channel, 14-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS62P43 — Dual-Channel, 14-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS62P44 — Dual-Channel, 14-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS62P45 —

Dual-Channel, 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS62P48 — Dual-Channel, 14-Bit, 210-MSPS Analog-to-Digital Converter (ADC) ADS62P49 — Dual-Channel, 14-Bit, 250-MSPS Analog-to-Digital Converter (ADC) ADS6422 — Quad-Channel, 12-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS6423 — Quad-Channel, 12-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS6424 — Quad-Channel, 12-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS6425 — Quad-Channel, 12-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS6442 — Quad-Channel, 14-Bit, 65-MSPS Analog-to-Digital Converter (ADC) ADS6443 — Quad-Channel, 14-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS6444 — Quad-Channel, 14-Bit, 105-MSPS Analog-to-Digital Converter (ADC) ADS6444-EP — Quad-Channel, 14-Bit, 105-MSPS Analog-to-Digital Converter (ADC) - Enhanced-Product ADS6445 — Quad-Channel, 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC) ADS6445-EP — Quad-Channel, 14-Bit, 125-MSPS Analog-to-Digital Converter (ADC) - Enhanced-Product ADS800 — 12-Bit, 40 MSPS ADC SE/Diff inputs. Internal References, pin compatible to ADS801/2 ADS801 — 12-Bit, 25 MSPS ADC SE/Diff inputs. Internal References, pin compatible to ADS800/2 ADS802 — 12-Bit, 10-MSPS Analog-to-Digital Converter (ADC) ADS803 — 12-Bit, 5-MSPS Analog-to-Digital Converter (ADC) ADS804 — 12-Bit, 10-MSPS Analog-to-Digital Converter (ADC) ADS805 — 12-Bit, 20-MSPS Analog-to-Digital Converter (ADC) ADS807 — 12-Bit, 53-MSPS Analog-to-Digital Converter (ADC) ADS820 — 10-Bit, 20-MSPS Analog-to-Digital Converter (ADC) ADS821 — 10-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS822 — 10-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS825 — 10-Bit, 40-MSPS Analog-to-Digital Converter (ADC) ADS828 — 10-Bit, 75-MSPS Analog-to-Digital Converter (ADC) ADS830 — 8-Bit, 60-MSPS Analog-to-Digital Converter (ADC) ADS831 — 8-Bit, 80-MSPS Analog-to-Digital Converter (ADC) ADS850 — 14-Bit, 10-MSPS Analog-to-Digital Converter (ADC) ADS900 — 10-Bit, 20-MSPS Analog-to-Digital Converter (ADC) ADS901 — 10-Bit, 20-MSPS Analog-to-Digital Converter (ADC) ADS930 — 8-Bit, 30 MSPS ADC SE/Diff Inputs w/ Internal Ref. and Low Power, Powerdown

Receivers

ADS54T01 — 1-ch 750MSPS BTS Feedback and Receiver IC ADS54T02 — 2-ch 750MSPS BTS Feedback and Receiver IC ADS54T04 — 2-ch 500MSPS BTS Feedback and Receiver IC ADS58C20 — Dual Channel IF BTS Receiver with Signal Processing for multi-mode 3G+LTE+GSM ADS58C23 — Dual Channel IF BTS Receiver with Signal Processing for multi-mode 3G+LTE ADS58H40 — Quad-Channel, 14-Bit, 250-MSPS Receiver and Feedback IC ADS58H43 — Quad-Channel, 14-Bit, 250-MSPS Receiver and Feedback IC ADS58J63 — Quad Channel 14-bit 500 Msps Telecom Receiver IC ADS58J64 — Quad-channel, 14-bit, 1-GSPS telecom receiver and feedback IC ADS58J89 — Quad 500MSPS Receiver and Feedback IC ADS62PF49 — Dual Channel 250MSPS Feedback Receiver IC

Touchscreen controllers

ADS7843 — 12-bit Analog-to-Digital Converter (ADC) with a synchronous serial interface and touch screen con ADS7843-Q1 — Automotive 4-wire Touch Screen Controller ADS7845 — 5-wire Touch Screen Controller ADS7846 — 4-wire Touch Screen Controller

Difference amplifiers

INA105 — Precision Unity Gain Differential Amplifier INA106 — Precision Fixed-Gain Differential Amplifier INA117 — High Common-Mode Voltage Difference Amplifier INA132 — Low Power, Single-Supply Difference Amplifier INA133 — 1.5-MHz, 450-µV offset, 0.95-mA power, precision difference amplifier INA143 — High speed (5-V/µs), 250-µV offset, G= 10 or G= 0.1 precision difference amplifier INA145 — Programmable Gain Difference Amplifier INA146 — High-Voltage, Programmable Gain Difference Amplifier INA148 — +-200V Common-Mode Voltage Difference Amplifier INA148-Q1 — Automotive +-200V Common-Mode Voltage Difference Amplifier INA149 — High Common Mode Voltage Difference Amplifier INA149-EP — Enhanced Product High Common Mode Voltage Difference Amplifier INA152 — Single-Supply Difference Amplifier INA154 — High-Speed, Precision Difference Amplifier (G = 1) INA157 — High-Speed, Precision Difference Amplifier INA159 — High-Speed, Precision Gain of 0.2 Level Translation Difference Amplifier INA159-EP — Enhanced Product Precision, Gain of 0.2 Level Translation Difference Amplifier INA2132 — Dual, Low Power, Single-Supply Difference Amplifier INA2133 — Dual 1.5-MHz, 450-µV offset, 0.95-mA power, precision difference amplifier INA2143 — Dual high-speed (5-V/µs), 250-µV offset, g= 10 or g= 0.1 precision difference amplifier INA500 — Low-power, 1-MΩ RIN, 20-µA IQ, small-size attenuating difference amplifier INA592 — High-precision (40-µV offset), 2-MHz, 88-dB CMRR, low-power, e-trim™ difference amplifier INA597 — Precision (200µV offset), 2MHz, 88 dB CMRR, low power, e-trim™ difference amplifier

Instrumentation amplifiers

INA101 — Very High Accuracy Instrumentation Amplifier INA103 — Low Noise, Low Distortion Instrumentation Amplifier INA110 — Fast-Settling FET-Input Very High Accuracy Instrumentation Amplifier INA111 — High Speed FET-Input Instrumentation Amplifier INA114 — 1-MHz, 50-µV, 11-nV/√Hz, 3mA-power, precision instrumentation amplifier INA115 — 1-MHz, 50-µV, 11-nV/√Hz, 3mA-power, switched gain enabled precision instrumentation amplifier INA116 — Ultra Low Input Bias Current Instrumentation Amplifier INA118 — Precision, Low Power Instrumentation Amplifier INA121 — FET-Input, Low Power Instrumentation Amplifier INA122 — Single Supply, MicroPower Instrumentation Amplifier INA125 — Instrumentation Amplifier with Precision Voltage Reference INA125-DIE — Instrumentation Amplifier with Precision Voltage Reference INA126 — 36V microPower (175-µA), 250-µV offset, precision instrumentation amplifier INA128 — Precision, 130-dB CMRR, 700-µA, Low-Power, Instrumentation Amplifier INA128-HT — High Temperature Precision Low Power Instrumentation Amplifiers. INA129 — Precision, Low Power Instrumentation Amplifiers INA129-EP — Enhanced Product Precision, Low Power Instrumentation Amplifiers INA129-HT — High Temperature Precision, Low Power Instrumentation Amplifiers INA131 — Precision G = 100 Instrumentation Amplifier INA141 — Precision, Low Power, G = 10, 100 Instrumentation Amplifier INA155 — 5.5-V single-Supply, 550-KHz (G=10), 6.5-V/µs slew rate, 1-mV offset, RRO, CMOS instrumentation a INA156 — 5.5-V single-supply, 550-kHz (G=10), 6.5-V/µs slew rate, 8-mV offset, RRO, CMOS instrumenta INA163 — Low-Noise Low-Distortion Instrumentation Amplifier INA166 — Low-Noise, Low-Distortion, G=2000 Instrumentation Amplifier INA188 — 36-V, Zero-Drift, Rail-to-Rail-Out Instrumentation Amplifier INA2126 — Dual 36-V

micropower (175-µA), 250-µV offset, precision instrumentation amplifier INA2128 — Dual, Low Power Instrumentation Amplifier INA2141 — Dual, Low Power, G = 10, 100 Instrumentation Amplifier INA217 — Low Noise, Low-Distortion Instrumentation Amplifier Replacement for SSM2017 INA2321 — Dual micropower (40-µA) plus shutdown, 500-µV offset, 10-pA bias, RRO instrumentation amp INA2331 — Low-power, single-supply, CMOS, instrumentation amplifier INA2332 — Low-Power, Single-Supply, CMOS Instrumentation Amplifiers INA317 — Micro-power (50µA), zero-drift (75µV offset, 0.3µV/°C), precision RRO instrumentation amplifier INA321 — Micropower (40-µA) plus shutdown, 500-µV offset, 10-pA bias, RRO instrumentation amp INA322 — Micropower (40-µA) plus shutdown, 2-mV offset, 10-pA bias, RRO instrumentation amp INA326 — Precision, Low Drift, CMOS Instrumentation Amplifier INA327 — Precision, Low Drift, CMOS Instrumentation Amplifier with Shutdown INA330 — Thermistor Signal Amplifier for Temperature Control INA331 — Low-Power, Single Supply, CMOS, Instrumentation Amplifier INA332 — Low-power, single-supply, CMOS, low-cost, instrumentation amplifier INA333 — Low-Power, Zero-Drift, Precision Instrumentation Amplifier INA333-HT — High Temperature Low Power, Precision Instrumentation Amplifier INA333-Q1 — Automotive low-power, zero-drift, precision instrumentation amplifier INA337 — Wide-Temperature, Precision Instrumentation Amplifier INA338 — Wide-Temperature, Precision Instrumentation Amplifier with Shutdown INA350 — Low-power (100 µA) selectable-gain instrumentation amplifier available in 8-pin WSON (2 mm by 2 mm) INA351 — Tiny (1.5-mm × 2-mm) low-power (110 µA) instrumentation amplifier with integrated reference buffer INA351A — Low-power (110 µA) instrumentation amplifier with integrated reference amp to enable calibration INA818 — Low power (350-µA), precision instrumentation amp with ±60-V overvoltage protection (gain pins 1, 8) INA819 — Low power (350-µA), precision instrumentation amp with ±60-V overvoltage protection (gain pins 2, 3) INA821 — High bandwidth (4.7MHz), low noise (7nV/√Hz), precision (35µV), low-power, instrumentation amp INA823 — Precision (100 µV), low-power (250 µA), wide-supply (2.7 V to 36 V), instrumentation amplifier INA826 — Precision, 200-µA Supply Current, 36-V Supply Instrumentation Amplifier INA826S — 200 µA, 36V, Rail-to-Rail Out Instrumentation Amplifier with Shutdown INA827 — Precision, G>5, 200uA, 2.7-V to 36-V Supply Instrumentation Amplifier INA828 — 50-µV Offset, 7-nV/√Hz Noise, Low-Power, Precision Instrumentation Amplifier INA848 — Ultra-low-noise, high-bandwidth instrumentation amplifier with fixed gain of 2000 INA849 — Ultra-low noise (1 nV/√Hz), high-speed (28 MHz, 35 V/µs) precision (35 µV) instrumentation amplifier INA851 — Low-noise (3.2 nV/√Hz) high-speed (22 MHz) fully-differential instrumentation amp with OVP (±40 V)

Audio line receivers

INA134 — Single, Audio Differential Line Receivers, 0dB (G=1) INA137 — Single, Audio Differential Line Receivers, +-6dB (G=1/2 or 2) INA1650 — Dual SoundPlus™ high common-mode rejection (91-dB), low THD+N (-120-dB) differential line receiver INA1650-Q1 — Automotive, High Common-mode Rejection, Low Distortion Differential Audio Line Receiver INA1651 — Soundplus™ high common-mode rejection (91-dB), low THD+N (-120 dB) differential line receiver INA1651-Q1 — SoundPlus™ high common-mode rejection, low distortion differential line receiver for automotive INA2134 — Dual, audio differential line receivers, 0 dB (g=1) INA2134-EP — Enhanced Product Audio Differential Line Receiver 0dB (G = 1) INA2137 — Dual, audio differential line receivers, +-6 dB (g=1/2 or 2)

Analog current-sense amplifiers

INA138 — 2.7 to 36V, 800kHz Variable gain current sense amplifier INA138-Q1 — AEC-Q100, 2.7 to 36V, 800kHz Variable gain current sense amplifier INA139 — 2.7 to 36V, 440kHz Variable gain current sense amplifier INA139-Q1 — AEC-Q100, 2.7 to 36V, 440kHz Variable gain current sense amplifier INA168 — 2.7 to 60V, 800kHz Variable gain current sense amplifier INA168-Q1 — AEC-Q100, 2.7 to 60V, 800kHz Variable gain current sense amplifier INA169 — 2.7 to 60V, 440kHz Variable gain current sense amplifier INA169-Q1 — AEC-Q100, 2.7 to 60V, 440kHz Variable gain current sense amplifier INA170 — 2.7 to 60V, bi-directional, 400kHz Variable gain current sense amplifier INA180 — 26V, 350kHz current sense amplifier INA180-Q1 — AEC-Q100, 26V, 350kHz current sense amplifier INA181 — 26-V bi-directional 350-kHz current-sense amplifier INA181-Q1 — AEC-Q100, 26V, bi-directional, 350kHz current sense amplifier INA183 — 2.7-V to 26-V, high-precision current sense amplifier with input supply INA185 — 26-V, 350-kHz, bi-directional, high-precision current sense amplifier in ultra-small SOT-563 package INA186 — 40-V, bidirectional, high-precision current sense amplifier with picoamp input bias & ENABLE INA186-Q1 — AEC-Q100, 40-V, bidirectional, high-precision current sense amplifier w/ picoamp input bias & ENABLE INA190 — 40-V, bidirectional, ultraprecise current sense amplifier with picoamp IB & ENABLE INA190-EP — Enhanced product, 40-V, bidirectional, ultraprecise current sense amplifier with picoamp IB & EN INA190-Q1 — AEC-Q100, 40V, bi-directional, ultra-precise current sense amplifier w/picoamp IB & ENABLE INA191 — 40V, ultra-precise current sense amplifier with ENABLE and picoamp IB in WCSP INA193 — -16 to 80V, 500kHz current sense amplifier INA193A-EP — Enhanced product, -16 to 80V, 500-kHz current sense amplifier INA193A-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier INA194 — -16 to 80V, 500kHz current sense amplifier INA194A-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier INA195 — -16 to 80V, 500kHz current sense amplifier INA195A-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier INA196 — -16 to 80V, 500kHz current sense amplifier INA196A-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier INA197 — -16 to 80V, 500kHz current sense amplifier INA197A-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier INA198 — -16 to 80V, 500kHz current sense amplifier INA198A-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier INA199 — 26V, bi-directional current sense amplifier INA199-Q1 — AEC-Q100, 26V, bi-directional current sense amplifier INA200 — -16 to 80V, 500kHz current sense amplifier w/ comparator INA200-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier w/ comparator INA201 — -16 to 80V, 500kHz current sense amplifier w/ comparator INA201-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier w/ comparator INA202 — -16 to 80V, 500kHz current sense amplifier w/ comparator INA202-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier w/ comparator INA203 — -16 to 80V, 500kHz current sense amplifier w/ dual comparators INA203-Q1 — AEC-Q100, -16 to 80V, 500kHz current sense amplifier w/ dual comparators INA204 — -16 to 80V, 500kHz current sense amplifier w/ dual comparators INA205 — -16 to 80V, 500kHz current sense amplifier w/ dual comparators INA206 — -16 to 80V, 500kHz current sense amplifier w/ window comparator INA207 — -16 to 80V, 500kHz current sense amplifier w/ window comparator INA208 — -16 to 80V, 500kHz current sense amplifier w/ window comparator INA210 — 26V, bi-directional, high-precision current sense amplifier INA210-Q1 — AEC-Q100, 26V, bi-directional, high-precision current sense amplifier INA211 — 26V, bi-directional, high-precision current sense amplifier INA211-Q1 — AEC-Q100, 26V, bi-directional, high-precision current sense amplifier INA212 — 26V, bi-directional, high-precision current

sense amplifier INA212-Q1 — AEC-Q100, 26V, bi-directional, high-precision current sense amplifier INA213 — 26V, bi-directional, high-precision current sense amplifier INA213-Q1 — AEC-Q100, 26V, bi-directional, high-precision current sense amplifier INA214 — 26V, bi-directional, high-precision current sense amplifier INA214-Q1 — AEC-Q100, 26V, bi-directional, high-precision current sense amplifier INA215 — 26V, bi-directional, high-precision current sense amplifier INA215-Q1 — AEC-Q100, 26V, bi-directional, high-precision current sense amplifier INA216 — 1.8 to 5.5V, high-precision current sense amplifier in wcsp INA2180 — 26V, dual channel, 350kHz current sense amplifier INA2180-Q1 — AEC-Q100, 26V, dual channel, 350kHz current sense amplifier INA2181 — 26V, dual channel, bi-directional, 350kHz current sense amplifier INA2181-Q1 — AEC-Q100, 26V, dual channel, bi-directional, 350kHz current sense amplifier INA2191 — 40-V, dual-channel, bidirectional, ultraprecise current sense amp w/ picoamp IB & ENABLE in wcsp INA223 — 26V, programmable-gain current sense amplifier & analog power monitor INA225 — 36V, bi-directional current sense amplifier w/ four pin-selectable gain settings INA225-Q1 — AEC-Q100, 36V, bi-directional current sense amplifier w/ four pin-selectable gain settings INA2290 — Dual-channel, 2.7-V to 120-V, 1.1-MHz, ultra-precise current sense amplifier INA240 — -4 to 80V, bidirectional, ultra-precise current sense amplifier with enhanced PWM rejection INA240-Q1 — AEC-Q100, -4 to 80V, bi-directional, ultra-precise current sense amplifier w/ enhanced pwm rejection INA240-SEP — -4 to 80V, ultra-precise current sense amplifier w/ enhanced pwm rejection in space enhanced plastic INA241A — -5-V to 110-V bidirectional ultraprecise current sense amplifier with enhanced PWM rejection INA241A-Q1 — AEC-Q100, -4-V to 110-V bidirectional ultraprecise current sense amp with enhanced PWM rejection INA241B — -5-V to 110-V bidirectional high-precision current sense amplifier with enhanced PWM rejection INA241B-Q1 — AEC-Q100, -4-V to 110-V bidirectional high-precision current sense amp with enhanced PWM rejection INA270 — -16 to 80V, split-stage current sense amplifier w/ in-line filter capability INA270A-Q1 — AEC-Q100, -16 to 80V, split-stage current sense amplifier w/ in-line filter capability INA271 — -16 to 80V, split-stage current sense amplifier w/ in-line filter capability INA271-HT — High temp, -16 to 80V, split-stage current sense amplifier w/ in-line filter capability INA271A-Q1 — AEC-Q100, -16 to 80V, split-stage current sense amplifier w/ in-line filter capability INA280 — 2.7-V to 120-V, 1.1-MHz, high-precision current sense amplifier in small (SC-70) package INA280-Q1 — AEC-Q100, 2.7-V to 120-V, 1.1-Mhz current sense amplifier in small (SC-70) package INA281 — -4-V to 110-V, 1.3-MHz, high-precision current sense amplifier INA281-Q1 — AEC-Q100, -4-V to 110-V, 1.3-MHz current sense amplifier INA282 — -14 to 80V, bi-directional current sense amplifier INA282-Q1 — AEC-Q100, -14 to 80V, bi-directional current sense amplifier INA283 — -14 to 80V, bi-directional current sense amplifier INA283-Q1 — AEC-Q100, -14 to 80V, bi-directional current sense amplifier INA284 — -14 to 80V, bi-directional current sense amplifier INA284-Q1 — AEC-Q100, -14 to 80V, bi-directional current sense amplifier INA285 — -14 to 80V, bi-directional current sense amplifier INA285-Q1 — AEC-Q100, -14 to 80V, bi-directional current sense amplifier INA286 — -14 to 80V, bi-directional current sense amplifier INA286-Q1 — AEC-Q100, -14 to 80V, bi-directional current sense amplifier INA290 — 2.7 to 120V, 1.1MHz, ultra-precise current sense amplifier in small (SC-70) package INA290-Q1 — AEC-Q100, 2.7-V to 120-V, 1.1-MHz, ultra-precise current sense amplifier in small (SC-70) package INA293 — -4-V to 110-V, 1.3-MHz, ultra-precise current sense amplifier INA293-Q1 — AEC-Q100, -4-V to 110-V, 1.3-MHz, ultra-precise current sense amplifier INA296A — -5-V to 110-V, bidirectional, 1.1-MHz 8-V/µs ultraprecise current sense amplifier INA296A-Q1 — AEC-Q100, -5-V to 110-V, bidirectional, 1.1-MHz 8-V/µs ultraprecise current sense amplifier INA296B — -5-V to 110-V, bidirectional, 1.1-MHz 8-V/µs high-precision current sense amplifier INA296B-Q1 — AEC-Q100, -5-V to 110-V, bidirectional, 1.1-MHz 8-V/µs high-precision current sense amplifier INA300 — 36V current sense comparator INA300-Q1 — AEC-Q100, 36V current sense comparator INA301 — 36V, 550kHz, 4V/µs, high-precision current sense amplifier w/ comparator INA301-Q1 — AEC-Q100, 36V, 550kHz, 4V/µs, high-precision current sense amplifier w/ comparator INA302 — 36V, bi-directional, 550kHz, 4V/µs, high-precision current sense amplifier w/ dual comparators INA302-Q1 — AEC-Q100, 36V, bi-directional, 550kHz, 4V/µs, high-precision current sense amp w/ dual comparators INA303 — 36V, bi-directional, 550kHz, 4V/µs, high-precision current sense amplifier w/ window comparator INA303-Q1 — AEC-Q100, 36V, bi-directional, 550kHz, 4V/µs, high-precision current sense amp w/ window comparator INA310A — -4-V to 110-V, 1.3-MHz, ultra-precise current-sense amplifier with comparator INA310A-Q1 — AEC-Q100 -4-V to 110-V 1.3-MHz ultra-precise current-sense amplifier with comparator and reference INA310B — -4-V to 110-V 1.3-MHz high-precision current-sense amplifier with comparator INA310B-Q1 — AEC-Q100 -4-V to 110-V 1.3-MHz high precision current-sense amplifier with comparator and reference INA381 — 26-V, 350-kHz current sense amplifier with integrated over-current comparator INA381-Q1 — AEC-Q100, 26-V, 350-kHz current sense amplifier with integrated overcurrent comparator INA4180 — 26V, quad channel, 350kHz current sense amplifier INA4180-Q1 — AEC-Q100, 26V, quad channel, 350kHz current sense amplifier INA4181 — 26V, quad channel, bi-directional, 350kHz current sense amplifier INA4181-Q1 — AEC-Q100, 26V, quad channel, bi-directional, 350kHz current sense amplifier INA4290 — Quad-channel, 120-V, high-voltage, high-bandwidth, unidirectional current sense amplifier INA901-SP — Radiation hardened, -15-V to 65-V, split-stage current sense amplifier with in-line filter option

Digital power monitors

INA209 — 26V, 12-bit, i2c output current/voltage/power monitor w/ analog comparator INA219 — 26-V 12-bit I2C output digital power monitor INA220 — 26V, 12-bit, i2c output current/voltage/power monitor INA220-Q1 — AEC-Q100, 26V, 12-bit, i2c output current/voltage/power monitor INA226 — 36V, 16-bit, ultra-precise i2c output current/voltage/power monitor w/alert INA226-Q1 — AEC-Q100, 36V, 16-bit, ultra-precise, i2c output current/voltage/power monitor w/alert INA228 — 85-V, 20-bit, ultra-precise, I2C output current/voltage/power/energy/charge monitor with alert INA228-Q1 — AEC-Q100, 85-V, 20-bit, ultraprecise, I²C output current/voltage/power/energy/charge monitor INA229 — 85-V, 20-bit, ultra-precise, SPI output current/voltage/power/energy/charge monitor with alert INA229-Q1 — AEC-Q100, 85-V, 20-bit, ultraprecise, SPI output current/voltage/power/energy/charge monitor INA230 — 36-V, 16-bit, I²C output current, voltage and power monitor with alert INA231 — 28V, 16-bit, i2c output current/voltage/power monitor w/alert in wcsp INA232 — 48-V, 16-bit high-precision I²C output digital power monitor with alert INA233 — 36V, 16-bit, ultra-precise i2c & pmbus output current/voltage/power/energy monitor w/alert INA234 — 28-V, 12-bit, I²C output current/voltage/power monitor with alert in WCSP INA236 — 48-V, 16-bit ultraprecise I²C output digital power monitor with alert in WCSP INA237 — 85-V, 16-bit, I2C output current/voltage/power monitor with alert INA237-Q1 — AEC-Q100, 85-V, 16-bit, I²C output current/voltage/charge monitor INA238 — 85-V, 16-bit, high-precision I2C output current/voltage/power monitor with alert INA238-Q1 — AEC-Q100, 85-V, 16-bit, high-precision, I²C output current/voltage/charge monitor INA239 — 85-V, 16-bit, high-precision, SPI output current/voltage/power monitor with alert INA239-Q1 — AEC-Q100, 85-V, 16-bit, high-precision, SPI output current/voltage/power monitor INA3221 — 26V, triple channel, 13-bit, i2c output

current/voltage monitor w/alerts INA3221-Q1 — AEC-Q100, 26V, triple channel, 13-bit, i2c output current/voltage monitor w/alerts

Analog current-sense amplifiers with integrated shunt resistor

INA250 — 36V, bi-directional, precision current sense amplifier w/int. shunt resistor INA250-Q1 — AEC-Q100, 36V, bi-directional, precision current sense amplifier w/int. shunt resistor INA253 — 80V, bi-directional, precision current sense amp w/pwm rejection & int. shunt resistor INA253-Q1 — AEC-Q100, 80V, bi-directional, precision current sense amp w/pwm rejection & int. shunt resistor INA254 — 80-V, bidirectional ±75-A zero-drift current-sense amplifier with PWM rejection and shunt resistor

Digital power monitors with integrated shunt resistor

INA260 — 36V, 16-bit, precision i2c output current/voltage/power monitor w/ int. shunt resistor INA700 — 40-V 16-Bit I²C output digital power monitor in WCSP with EZShunt™ Technology INA740A — 85-V, 16-bit high-precision I²C-output digital power monitor with 800-µΩ EZShunt™ Technology INA740B — 85-V 16-bit I²C-output digital power monitor with 800-µΩ EZShunt™ Technology INA741 — 85-V, 20-bit ultra-precise I²C-output digital power monitor with 800-µΩ EZShunt™ Technology INA745A — 40-V, 16-bit high-precision I²C-output digital power monitor with 800-µΩ EZShunt™ Technology INA745B — 40-V 16-bit I²C-output digital power monitor with 800-µΩ EZShunt™ Technology INA746 — 40-V, 20-bit ultra-precise I²C-output digital power monitor with 800-µΩ EZShunt™ Technology INA780A — 85-V, 16-bit high-precision I²C-output digital power monitor with 400-µΩ EZShunt™ Technology INA780B — 85-V 16-bit I²C-output digital power monitor with 400-µΩ EZShunt™ Technology INA781 — 85-V, 20-bit ultra-precise I²C-output digital power monitor with 400-µΩ EZShunt™ Technology

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PSpice® for TI is a design and simulation environment that helps evaluate functionality of analog circuits. This full-featured, design and simulation suite uses an analog analysis engine from Cadence®. Available at no cost, PSpice for TI includes one of the largest model libraries in the (...)
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Simulation tool

TINA-TI — SPICE-based analog simulation program

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User guide: PDF
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- MTBF/FIT estimates
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ANALOG-ENGINEER-CALC — PC software analog engineer's calculator

Latest version
Version: 1.71
Release date: 19 Jan 2024
open-in-new

View all versions

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Analog Engineer's Calc Installer

Checksum
lock = Requires export approval (1 minute)

Precision op amps (Vos<1 mV)

INA1620
OPA130
OPA131
OPA140
OPA140A-DIE
OPA145
OPA177
OPA180
OPA180-Q1
OPA182
OPA186
OPA187
OPA188
OPA188-Q1
OPA189
OPA191
OPA192
OPA192-Q1
OPA196
OPA197
OPA197-Q1
OPA202
OPA205
OPA206
OPA207
OPA209
OPA210
OPA211
OPA211-EP
OPA211-HT
OPA2130
OPA2131
OPA2140
OPA2145

OPA2156
OPA2180
OPA2180-Q1
OPA2182
OPA2186
OPA2187
OPA2188
OPA2188-Q1
OPA2189
OPA2191
OPA2192
OPA2192-Q1
OPA2196
OPA2197
OPA2197-Q1
OPA2202
OPA2205
OPA2206
OPA2209
OPA2210
OPA2211-EP
OPA2211-HT
OPA2211A
OPA2227
OPA2227-EP
OPA2228
OPA2237
OPA2241
OPA2251
OPA227
OPA2277
OPA2277-DIE
OPA2277-EP
OPA228
OPA2317
OPA2317-Q1
OPA2320
OPA2320-Q1
OPA2325
OPA2328
OPA2330
OPA2333
OPA2333-HT
OPA2333-Q1
OPA2333A-EP
OPA2333P
OPA2334
OPA2335
OPA2335M
OPA2336
OPA2340
OPA2340-DIE
OPA2350
OPA2369
OPA237
OPA2376
OPA2376-Q1
OPA2377
OPA2377-Q1
OPA2378
OPA2381
OPA2387
OPA2388
OPA2388-Q1
OPA2391

OPA2392
OPA241
OPA251
OPA27
OPA2727
OPA2734
OPA2735
OPA277
OPA2828
OPA317
OPA317-Q1
OPA320
OPA320-Q1
OPA325
OPA328
OPA330
OPA333
OPA333-Q1
OPA333A-EP
OPA334
OPA335
OPA336
OPA336-EP
OPA340
OPA340-EP
OPA350
OPA369
OPA37
OPA376
OPA376-Q1
OPA377
OPA377-Q1
OPA378
OPA381
OPA387
OPA388
OPA388-Q1
OPA391
OPA392
OPA396
OPA397
OPA3S328
OPA404
OPA4140
OPA4180
OPA4182
OPA4186
OPA4187
OPA4188
OPA4189
OPA4191
OPA4192
OPA4196
OPA4197
OPA4197-Q1
OPA4202
OPA4205
OPA4206
OPA4209
OPA4227
OPA4228
OPA4241
OPA4251
OPA4277
OPA4277-EP

OPA4277-SP
OPA4317
OPA4325
OPA4330
OPA4336
OPA4340
OPA4350
OPA4350-DIE
OPA4376
OPA4376-Q1
OPA4377
OPA4377-Q1
OPA4387
OPA4388
OPA4727
OPA4H014-SEP
OPA593
OPA627
OPA627-DIE
OPA637
OPA727
OPA728
OPA734
OPA735
OPA827
OPA828
OPA928

General-purpose op amps

OPA137
OPA141
OPA170
OPA170-DIE
OPA170-EP
OPA170-Q1
OPA171
OPA171-Q1
OPA172
OPA2107
OPA2137
OPA2141
OPA2170
OPA2170-Q1
OPA2171
OPA2171-EP
OPA2171-Q1
OPA2172
OPA2172-Q1
OPA2244
OPA2310
OPA2313
OPA2313-Q1
OPA2314
OPA2314-EP
OPA2314-Q1
OPA2316
OPA2316-Q1
OPA2322
OPA2322-Q1
OPA2323
OPA2337
OPA2338
OPA2341
OPA2342

OPA2343
OPA2344
OPA2345
OPA2347
OPA2348
OPA2348-Q1
OPA2349
OPA2353
OPA2363
OPA2364
OPA2373
OPA2374
OPA2375
OPA2379
OPA244
OPA2703
OPA2704
OPA2705
OPA2725
OPA2726
OPA2743
OPA2990
OPA2991
OPA2991-Q1
OPA2992
OPA2992-Q1
OPA2994
OPA2994-Q1
OPA310
OPA310-Q1
OPA313
OPA314
OPA314-Q1
OPA316
OPA316-Q1
OPA322
OPA322-Q1
OPA323
OPA337
OPA338
OPA341
OPA342
OPA343
OPA344
OPA345
OPA347
OPA348
OPA348-Q1
OPA349
OPA353
OPA363
OPA364
OPA373
OPA374
OPA375
OPA379
OPA4130
OPA4131
OPA4137
OPA4141
OPA4170
OPA4170-Q1
OPA4171
OPA4171-Q1
OPA4172

OPA4172-Q1
OPA4243
OPA4244
OPA4310
OPA4313
OPA4314
OPA4314-Q1
OPA4316
OPA4316-Q1
OPA4322
OPA4322-Q1
OPA4323
OPA4342
OPA4343
OPA4344
OPA4345
OPA4347
OPA4348
OPA4348-Q1
OPA4353
OPA4364
OPA4364-Q1
OPA4374
OPA4379
OPA4703
OPA4704
OPA4705
OPA4743
OPA4990
OPA4990-Q1
OPA4991
OPA4991-EP
OPA4991-Q1
OPA4992
OPA4992-Q1
OPA4H199-SEP
OPA602
OPA703
OPA704
OPA705
OPA725
OPA726
OPA743
OPA990
OPA991
OPA991-Q1
OPA992
OPA992-Q1
OPA994

Audio op amps

OPA132
OPA134
OPA1602
OPA1604
OPA1611
OPA1612
OPA1612-Q1
OPA1622
OPA1632
OPA1633
OPA1637
OPA1641
OPA1641-Q1

OPA1642
OPA1642-Q1
OPA1644
OPA1652
OPA1654
OPA1655
OPA1656
OPA1662
OPA1662-Q1
OPA1664
OPA1671
OPA1677
OPA1678
OPA1679
OPA1679-Q1
OPA1688
OPA1692
OPA2132
OPA2134
OPA4132
OPA4134
OPA604

Transimpedance amplifiers

OPA1S2384
OPA1S2385
OPA2380
OPA380
OPA3S2859
OPA3S2859-EP
OPA857
OPA857-DIE

High-speed op amps (GBW ≥ 50 MHz)

OPA2300
OPA2301
OPA2354
OPA2354A-Q1
OPA2355
OPA2356
OPA2356-EP
OPA2357
OPA2365
OPA2365-Q1
OPA2607
OPA2607-Q1
OPA2613
OPA2614
OPA2625
OPA2626
OPA2652
OPA2673
OPA2674
OPA2675
OPA2677
OPA2683
OPA2684
OPA2690
OPA2691
OPA2694
OPA2695
OPA2810
OPA2822

OPA2830
OPA2832
OPA2834
OPA2835
OPA2835-DIE
OPA2836
OPA2836-Q1
OPA2837
OPA2846
OPA2863
OPA2863-Q1
OPA2863A
OPA2889
OPA2890
OPA300
OPA301
OPA3355
OPA354
OPA354A-Q1
OPA355
OPA355-Q1
OPA356
OPA356-Q1
OPA357
OPA358
OPA365
OPA365-EP
OPA365-Q1
OPA3684
OPA3690
OPA3691
OPA3695
OPA3832
OPA4354
OPA4354-Q1
OPA4684
OPA4684M
OPA4820
OPA4830
OPA4863
OPA4872-EP
OPA607
OPA607-Q1
OPA625
OPA653
OPA656
OPA656-DIE
OPA657
OPA657-DIE
OPA659
OPA683
OPA684
OPA688M
OPA689M
OPA690
OPA691
OPA692
OPA694
OPA695
OPA698
OPA698M
OPA699
OPA699M
OPA810
OPA814

OPA817
OPA818
OPA820
OPA830
OPA830-EP
OPA832
OPA835
OPA836
OPA837
OPA838
OPA842
OPA843
OPA846
OPA846-DIE
OPA847
OPA855
OPA855-Q1
OPA856
OPA858
OPA858-Q1
OPA859
OPA859-Q1
OPA863
OPA863A
OPA890
OPA891
OPA892

Power op amps

OPA2541
OPA2544
OPA445
OPA452
OPA453
OPA454
OPA455
OPA462
OPA521
OPA541
OPA544
OPA547
OPA548
OPA549
OPA549-HIREL
OPA551
OPA552
OPA561
OPA564
OPA564-Q1
OPA567
OPA569

Video amplifiers

OPA360
OPA361
OPA361-Q1
OPA362
OPA3692
OPA3693
OPA3875
OPA4872
OPA693
OPA875

Line drivers

OPA2670

Transconductance amplifiers & laser drivers

OPA615
OPA860
OPA861

Fully differential amplifiers

OPA862

Precision ADCs

ADS1000
ADS1000-Q1
ADS1013
ADS1013-Q1
ADS1014
ADS1014-Q1
ADS1015
ADS1015-Q1
ADS1018
ADS1018-Q1
ADS1100
ADS1110
ADS1112
ADS1113
ADS1113-Q1
ADS1114
ADS1114-Q1
ADS1115
ADS1115-Q1
ADS1115L
ADS1118
ADS1118-Q1
ADS1119
ADS1120
ADS1120-Q1
ADS112C04
ADS112U04
ADS1130
ADS1131
ADS1146
ADS1147
ADS1148
ADS1148-Q1
ADS114S06
ADS114S06B
ADS114S08
ADS114S08B
ADS1158
ADS1174
ADS1178
ADS117L11
ADS1201
ADS1202
ADS1203
ADS1204
ADS1205
ADS1208
ADS1209
ADS1211

ADS1213
ADS1216
ADS1217
ADS1218
ADS1219
ADS1220
ADS1222
ADS1224
ADS1225
ADS1226
ADS122C04
ADS122U04
ADS1230
ADS1231
ADS1232
ADS1234
ADS1235
ADS1235-Q1
ADS1240
ADS1241
ADS1242
ADS1243
ADS1243-HT
ADS1244
ADS1245
ADS1246
ADS1247
ADS1248
ADS124S06
ADS124S08
ADS1250
ADS1251
ADS1252
ADS1253
ADS1254
ADS1255
ADS1256
ADS1257
ADS1258
ADS1258-EP
ADS1259
ADS1259-Q1
ADS125H01
ADS125H02
ADS1260
ADS1260-Q1
ADS1261
ADS1261-Q1
ADS1262
ADS1263
ADS1271
ADS1274
ADS1278
ADS1278-EP
ADS1278-HT
ADS1278-SP
ADS127L01
ADS127L11
ADS127L21
ADS1281
ADS1282
ADS1282-SP
ADS1283
ADS1284
ADS1285

ADS1286
ADS1287
ADS1287D
ADS130B02-Q1
ADS130B04-Q1
ADS130E08
ADS131A02
ADS131A04
ADS131B02-Q1
ADS131B04-Q1
ADS131B23
ADS131B23-Q1
ADS131B24-Q1
ADS131B26-Q1
ADS131E04
ADS131E06
ADS131E08
ADS131E08S
ADS131M02
ADS131M02-Q1
ADS131M03
ADS131M03-Q1
ADS131M04
ADS131M04-Q1
ADS131M06
ADS131M06-Q1
ADS131M08
ADS131M08-Q1
ADS1601
ADS1602
ADS1605
ADS1606
ADS1610
ADS1625
ADS1626
ADS1672
ADS1675
ADS7028
ADS7029-Q1
ADS7038
ADS7038-Q1
ADS7039-Q1
ADS7040
ADS7041
ADS7042
ADS7043
ADS7044
ADS7046
ADS7047
ADS7049-Q1
ADS7052
ADS7054
ADS7056
ADS7057
ADS7066
ADS7067
ADS7128
ADS7138
ADS7138-Q1
ADS7142
ADS7142-Q1
ADS7223
ADS7229
ADS7230
ADS7250

ADS7251
ADS7253
ADS7254
ADS7263
ADS7279
ADS7280
ADS774
ADS774H
ADS7800
ADS7804
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ADS7813
ADS7815
ADS7816
ADS7817
ADS7818
ADS7822
ADS7822-Q1
ADS7823
ADS7824
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ADS7826
ADS7827
ADS7828
ADS7828-Q1
ADS7829
ADS7830
ADS7834
ADS7835
ADS7841
ADS7841-Q1
ADS7842
ADS7844
ADS7850
ADS7851
ADS7852
ADS7853
ADS7854
ADS7861
ADS7862
ADS7863
ADS7863A
ADS7864
ADS7865
ADS7866
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ADS7871
ADS7881
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ADS7888
ADS7890

ADS7891
ADS7924
ADS7945
ADS7946
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ADS7948
ADS7949
ADS7950
ADS7950-Q1
ADS7951
ADS7951-Q1
ADS7952
ADS7952-Q1
ADS7953
ADS7953-Q1
ADS7954
ADS7954-Q1
ADS7955
ADS7955-Q1
ADS7956
ADS7956-Q1
ADS7957
ADS7957-Q1
ADS7958
ADS7958-Q1
ADS7959
ADS7959-Q1
ADS7960
ADS7960-Q1
ADS7961
ADS7961-Q1
ADS8028
ADS8166
ADS8167
ADS8168
ADS8201
ADS8284
ADS8317
ADS8318
ADS8319
ADS8320
ADS8320-HT
ADS8321
ADS8322
ADS8323
ADS8324
ADS8325
ADS8326
ADS8327
ADS8328
ADS8329
ADS8330
ADS8331
ADS8332
ADS8339
ADS8341
ADS8342
ADS8343
ADS8344
ADS8345
ADS8350
ADS8353
ADS8353-Q1
ADS8354
ADS8355

ADS8361
ADS8363
ADS8364
ADS8365
ADS8370
ADS8371
ADS8372
ADS8380
ADS8381
ADS8382
ADS8383
ADS8405
ADS8406
ADS8411
ADS8412
ADS8413
ADS8422
ADS8471
ADS8472
ADS8481
ADS8482
ADS8484
ADS8504
ADS8505
ADS8506
ADS8507
ADS8508
ADS8509
ADS8512
ADS8513
ADS8515
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ADS8548
ADS8555
ADS8556
ADS8557
ADS8558
ADS8568
ADS8578S
ADS8584S
ADS8586S
ADS8588H
ADS8588S
ADS8598H
ADS8598S
ADS8634
ADS8638
ADS8661
ADS8664
ADS8665
ADS8668
ADS8671
ADS8674
ADS8675
ADS8678
ADS8681
ADS8684
ADS8684A
ADS8685
ADS8686S
ADS8688
ADS8688A
ADS8688AT

ADS8689
ADS8691
ADS8694
ADS8695
ADS8698
ADS8699
ADS8860
ADS8861
ADS8862
ADS8863
ADS8864
ADS8865
ADS8866
ADS8867
ADS8881
ADS8883
ADS8885
ADS8887
ADS8900B
ADS8902B
ADS8904B
ADS8910B
ADS8912B
ADS8914B
ADS8920B
ADS8922B
ADS8924B
ADS9110
ADS9120
ADS9218
ADS9224R
ADS9226
ADS9227
ADS9234R
ADS9815
ADS9817

Biosensing AFEs

ADS1191
ADS1192
ADS1194
ADS1196
ADS1198
ADS1291
ADS1292
ADS1292R
ADS1293
ADS1294
ADS1294R
ADS1296
ADS1296R
ADS1298
ADS1298R
ADS1299
ADS1299-4
ADS1299-6

High-speed ADCs (≥10 MSPS)

ADS2806
ADS2807
ADS4122
ADS4125
ADS4126

ADS4128
ADS4129
ADS4142
ADS4145
ADS4146
ADS4149
ADS41B25
ADS41B29
ADS41B49
ADS4222
ADS4225
ADS4226
ADS4229
ADS4242
ADS4245
ADS4245-EP
ADS4246
ADS4249
ADS42B49
ADS42JB46
ADS42JB49
ADS42JB69
ADS42LB49
ADS42LB69
ADS4449
ADS5231
ADS5232
ADS5237
ADS5240
ADS5242
ADS5263
ADS5270
ADS5271
ADS5272
ADS5273
ADS5277
ADS5281
ADS5282
ADS5287
ADS5292
ADS5294
ADS5295
ADS5296A
ADS52J65
ADS52J90
ADS52J91
ADS5400
ADS5400-SP
ADS5401
ADS5402
ADS5403
ADS5404
ADS5407
ADS5409
ADS5411
ADS5413
ADS5421
ADS5422
ADS5423
ADS5424
ADS5424-SP
ADS5440
ADS5440-EP
ADS5444
ADS5444-EP

ADS5444-SP
ADS5463
ADS5463-EP
ADS5463-SP
ADS5474
ADS5474-SP
ADS5481
ADS5482
ADS5483
ADS5484
ADS5485
ADS54J20
ADS54J40
ADS54J42
ADS54J54
ADS54J60
ADS54J64
ADS54J66
ADS54J69
ADS54RF63
ADS5500
ADS5500-EP
ADS5510
ADS5517
ADS5520
ADS5521
ADS5522
ADS5525
ADS5527
ADS5541
ADS5542
ADS5545
ADS5546
ADS5547
ADS5553
ADS5560
ADS5562
ADS58B18
ADS58B19
ADS58C28
ADS58C48
ADS6122
ADS6123
ADS6124
ADS6125
ADS6128
ADS6129
ADS6142
ADS6143
ADS6144
ADS6145
ADS6148
ADS6149
ADS61B23
ADS61B29
ADS61B49
ADS61JB23
ADS61JB46
ADS6222
ADS6224
ADS6225
ADS6242
ADS6243
ADS6244
ADS6245

ADS62C15
ADS62C17
ADS62P15
ADS62P19
ADS62P22
ADS62P23
ADS62P24
ADS62P25
ADS62P28
ADS62P29
ADS62P42
ADS62P43
ADS62P44
ADS62P45
ADS62P48
ADS62P49
ADS6422
ADS6423
ADS6424
ADS6425
ADS6442
ADS6443
ADS6444
ADS6444-EP
ADS6445
ADS6445-EP
ADS800
ADS801
ADS802
ADS803
ADS804
ADS805
ADS807
ADS820
ADS821
ADS822
ADS825
ADS828
ADS830
ADS831
ADS850
ADS900
ADS901
ADS930

Receivers

ADS54T01
ADS54T02
ADS54T04
ADS58C20
ADS58C23
ADS58H40
ADS58H43
ADS58J63
ADS58J64
ADS58J89
ADS62PF49

Touchscreen controllers

ADS7843
ADS7843-Q1
ADS7845
ADS7846

Difference amplifiers

INA105
INA106
INA117
INA132
INA133
INA143
INA145
INA146
INA148
INA148-Q1
INA149
INA149-EP
INA152
INA154
INA157
INA159
INA159-EP
INA2132
INA2133
INA2143
INA500
INA592
INA597

Instrumentation amplifiers

INA101
INA103
INA110
INA111
INA114
INA115
INA116
INA118
INA121
INA122
INA125
INA125-DIE
INA126
INA128
INA128-HT
INA129
INA129-EP
INA129-HT
INA131
INA141
INA155
INA156
INA163
INA166
INA188
INA2126
INA2128
INA2141
INA217
INA2321
INA2331
INA2332
INA317
INA321
INA322
INA326
INA327

INA330
INA331
INA332
INA333
INA333-HT
INA333-Q1
INA337
INA338
INA350
INA351
INA351A
INA818
INA819
INA821
INA823
INA826
INA826S
INA827
INA828
INA848
INA849
INA851

Audio line receivers

INA134
INA137
INA1650
INA1650-Q1
INA1651
INA1651-Q1
INA2134
INA2134-EP
INA2137

Analog current-sense amplifiers

INA138
INA138-Q1
INA139
INA139-Q1
INA168
INA168-Q1
INA169
INA169-Q1
INA170
INA180
INA180-Q1
INA181
INA181-Q1
INA183
INA185
INA186
INA186-Q1
INA190
INA190-EP
INA190-Q1
INA191
INA193
INA193A-EP
INA193A-Q1
INA194
INA194A-Q1
INA195
INA195A-Q1

INA196
INA196A-Q1
INA197
INA197A-Q1
INA198
INA198A-Q1
INA199
INA199-Q1
INA200
INA200-Q1
INA201
INA201-Q1
INA202
INA202-Q1
INA203
INA203-Q1
INA204
INA205
INA206
INA207
INA208
INA210
INA210-Q1
INA211
INA211-Q1
INA212
INA212-Q1
INA213
INA213-Q1
INA214
INA214-Q1
INA215
INA215-Q1
INA216
INA2180
INA2180-Q1
INA2181
INA2181-Q1
INA2191
INA223
INA225
INA225-Q1
INA2290
INA240
INA240-Q1
INA240-SEP
INA241A
INA241A-Q1
INA241B
INA241B-Q1
INA270
INA270A-Q1
INA271
INA271-HT
INA271A-Q1
INA280
INA280-Q1
INA281
INA281-Q1
INA282
INA282-Q1
INA283
INA283-Q1
INA284
INA284-Q1

INA285
INA285-Q1
INA286
INA286-Q1
INA290
INA290-Q1
INA293
INA293-Q1
INA296A
INA296A-Q1
INA296B
INA296B-Q1
INA300
INA300-Q1
INA301
INA301-Q1
INA302
INA302-Q1
INA303
INA303-Q1
INA310A
INA310A-Q1
INA310B
INA310B-Q1
INA381
INA381-Q1
INA4180
INA4180-Q1
INA4181
INA4181-Q1
INA4290
INA901-SP

Digital power monitors

INA209
INA219
INA220
INA220-Q1
INA226
INA226-Q1
INA228
INA228-Q1
INA229
INA229-Q1
INA230
INA231
INA232
INA233
INA234
INA236
INA237
INA237-Q1
INA238
INA238-Q1
INA239
INA239-Q1
INA3221
INA3221-Q1

Analog current-sense amplifiers with integrated shunt resistor

INA250
INA250-Q1
INA253

INA253-Q1
INA254

Digital power monitors with integrated shunt resistor

INA260
INA700
INA740A
INA740B
INA741
INA745A
INA745B
INA746
INA780A
INA780B
INA781

Die & wafer services

ADS1282-HT

Documentation

open-in-new Analog_Engineers_Calculator_1.71_manifest.html

Software Manifest

Release Infomation

General calculator tool for analog design support.

What's new

- Changed Amplifier and Comparators > INA Vcm vs Vout for INA321 and INA322. These are both 2 amp + gain topologies. The change corrected an issue with output swing to the positive rail when gain is greater than 5V/V.
- Changed start up version test to check for the new version after all the files are updated. Prevously, this was checked on startup and for new installs the “a new version is available” message would pop up.
- Changed version and date to be a global. These globals are displayed in the “about” pop-up (accessable in the links tab).
- Added the “What Changed?” feature.

Download options

SBAC139 — ADS86xxEVM-PDK GUI

Latest version
Version: 01.00.00.00
Release date: 25 Jun 2015
open-in-new

View all versions

lock ADS86xxEVM-PDK GUI (zip) — 168685 K

Checksum
lock = Requires export approval (1 minute)

Precision ADCs

ADS8664
ADS8674
ADS8684A
ADS8694

Release Infomation

The design resource accessed as www.ti.com/lit/zip/sbac139 or www.ti.com/lit/xx/sbac139/sbac139.zip has been migrated to a new user experience at www.ti.com/tool/download/SBAC139. Please update any bookmarks accordingly.