

ADS8664

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

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DATA SHEET

[document-pdfAcrobat \(/lit/gpn/ads8664\)](#)

[ADS866x 12-Bit, 500-kSPS, 4- and 8-Channel, Single-Supply, SAR ADCs with Bipolar Input Ranges datasheet \(/lit/gpn/ads8664\)](#) | [PDF \(/lit/gpn/ads8664\)](#) | [HTML \(/document-viewer/ads8664/datasheet\)](#)

ADS8664

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

[TSSOP \(DBT\) \(/www.ti.com/lit/pdf/mpds368a\)](http://www.ti.com/lit/pdf/mpds368a) 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:
 - $\pm 10.24\text{ V}$, $\pm 5.12\text{ V}$, $\pm 2.56\text{ V}$, $\pm 1.28\text{ V}$, $\pm 0.64\text{ V}$
 - 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 M Ω
- 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 \rightarrow Direct Connection to ADC Inputs
- ALARM \rightarrow 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 \times 4.4 mm)

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, ± 1.28 V and ± 0.64 V, 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-M Ω 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.

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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 (/lit/gpn/ads8664)	PDF (/lit/gpn/ads8664) HTML (/document-viewer/ads8664/datasheet)	14 Jul 2015
Circuit design	Input Protection for High-Voltage ADC Circuit with TVS Diode (Rev. A) (/lit/pdf/sbaa376)	PDF (/lit/pdf/sbaa376) HTML (/document-viewer/lit/html/sbaa376)	02 May 2023
Application note	Circuit for detecting input floating on ADS8681 ADC (/lit/pdf/sbaa507)	PDF (/lit/pdf/sbaa507) HTML (/document-viewer/lit/html/sbaa507)	31 Mar 2021
Application note	Reducing Phase Delay by Averaging on ADS8686S with Burst Sequencer Mode (/lit/pdf/sbaa487)	PDF (/lit/pdf/sbaa487) HTML (/document-viewer/lit/html/sbaa487)	11 Jan 2021
Circuit design	High common-mode differential input voltage to ± 10-V ADC input circuit (/lit/pdf/sbaa337)		20 Dec 2018
Application note	Extending Input Voltage Range and Understanding Associated Errors for ADC With I (/lit/pdf/sbaa319)		09 Nov 2018
E-book	Best of Baker's Best: Precision Data Converters -- SAR ADCs (/lit/pdf/slyc140)		21 May 2015
User guide	Phase-Compensated 8-Ch Multiplexed Data Acquisition System for Power Automation (Rev. B) (/lit/pdf/tidu427)		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)

S
B
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Requires

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approval

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Supported

products

&

hardware

Supported products & hardware

Products

PRECISION
ADCS

ADS8664

([//www.ti.com/product/ADS8664](http://www.ti.com/product/ADS8664))

—

12-

Bit

SAR

ADC

With

4-

Channels,

500kSPS,

and

Bipolar

Inputs

Off

5V

Supply

ADS8674

([//www.ti.com/product/ADS8674](http://www.ti.com/product/ADS8674))

—

14-

Bit

500kSPS

4-

Channel

SAR

ADC

With

Bipolar

Inputs

Off

5V

Supply

ADS8684A

<http://www.ti.com/product/ADS8684A>

—

16-

Bit,

500-

kSPS,

4-

Ch

SAR

ADC

w/

programmable

($\pm 10/\pm 5/\pm 2.5$ V)

input

ranges

&

ALARM

on

+5V

supply

[ADS8694](http://www.ti.com/product/ADS8694)

<http://www.ti.com/product/ADS8694>

—

18-

Bit

500kSPS

4-

Channel

SAR

ADC

With

Bipolar

Inputs

Off

5V

Supply

[lock](#) [Download \(/tool/download/SBAC139\)](#)

SIMULATION MODEL

[ADS8688 IBIS Model \(/lit/zip/sbam199\)](#)

SBAM199.ZIP (37 KB) - IBIS Model

[Download](#)

[\(/lit/zip/sbam199\)](#)

SIMULATION MODEL

[ADS868x TINA Model \(/lit/zip/sbam201\)](#)

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

[Download](#)

[\(/lit/zip/sbam201\)](#)

CALCULATION

TOOL

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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

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hardware

Supported

products

&

hardware

Products

PRECISION
OP
AMPS
(VOS<1MV)

INA1620

(//www.ti.com/product/INA1620)

—

High-
fidelity
audio
operational
amplifier
with
integrated
thin-
film
resistors
and
EMI
filtering

OPA130

(//www.ti.com/product/OPA130)

—

Single,
1-
MHz,
20-
pA
bias
current,
530-
 μ A
power,
FET
operational
amplifier

OPA131

(//www.ti.com/product/OPA131)

—

Single,
4-
MHz,

50-

pA

bias

current,

750-

μA

power,

FET

operational

amplifier

OPA140

(//www.ti.com/product/OPA140)

—

Single-

channel,

11-

MHz,

low-

noise

36-

V

JFET

precision

operational

amplifier

with

rail-

to-

rail

output

OPA140A-

DIE

(//www.ti.com/product/OPA140A-

DIE)

—

11-

MHz,

low-

noise

36-

V

JFET

precision

operational

amplifier

with

rail-

to-

rail

output

OPA145

(//www.ti.com/product/OPA145)

—

Single,

5.5-

MHz,

high

slew

rate,

low-

noise,

low-

power,

RRO

precision

JFET

operational

amplifier

OPA177

(//www.ti.com/product/OPA177)

—

Precision

Operational

Amplifier

OPA180

(//www.ti.com/product/OPA180)

—

0.1-

$\mu\text{V}/^{\circ}\text{C}$

Drift,

Low-

Noise,

Rail-

to-

Rail

Output,

36-

V,

Zero-

Drift

Operational

Amplifier

OPA180-

Q1

(//www.ti.com/product/OPA180-

Q1)

—

Automotive-

Qualified

0.1 μ V/°C

Drift,

Low-

Noise,

RRO,

36V,

Zero-

Drift

Op

Amp

OPA182

(//www.ti.com/product/OPA182)

—

Highest-

precision,

36-

V,

5-

MHz,

single,

low-

noise,

zero-

drift,

MUX-

friendly

amplifier

OPA186

(//www.ti.com/product/OPA186)

—

Single,

24-

V,

low-

power

(90

μA)

5-

μV -

offset

zero-

drift

op

amp

with

rail-

to-

rail

input

and

o

OPA187

([//www.ti.com/product/OPA187](http://www.ti.com/product/OPA187))

—

Zero

drift

(10 μV ,

0.001 $\mu\text{V}/^\circ\text{C}$),

MUX-

friendly,

low-

noise,

RRO,

CMOS

precision

op

amp

OPA188

([//www.ti.com/product/OPA188](http://www.ti.com/product/OPA188))

—

Precision,

Low-

Noise,

Rail-
to-
Rail
Output,
36V
Zero-
Drift
Operational
Amplifier
OPA188-
Q1
([//www.ti.com/product/OPA188-](http://www.ti.com/product/OPA188-Q1)
[Q1](http://www.ti.com/product/OPA188-Q1))

—
Automotive-
Qualified
Precision,
Low-
Noise,
RRO,
36V,
Zero-
Drift
Operational
Amplifier
OPA189
([//www.ti.com/product/OPA189](http://www.ti.com/product/OPA189))

—
Single,
14-
MHz,
mux-
friendly,
low-
noise,
zero-
drift,
RRO,
CMOS
precision
operational
amplifier
OPA191

[\(\[//www.ti.com/product/OPA191\]\(http://www.ti.com/product/OPA191\)\)](http://www.ti.com/product/OPA191)

—

Low-
Power,
Precision,
36-
V,
e-
trim
CMOS
Amplifier
[OPA192](http://www.ti.com/product/OPA192)

[\(\[//www.ti.com/product/OPA192\]\(http://www.ti.com/product/OPA192\)\)](http://www.ti.com/product/OPA192)

—

High-
Voltage,
Rail-
to-
Rail
Input/Output,
5 μ V,
0.2 μ V/ $^{\circ}$ C,
Precision
Operational
Amplifier
[OPA192-](http://www.ti.com/product/OPA192-Q1)
[Q1](http://www.ti.com/product/OPA192-Q1)

[\(\[//www.ti.com/product/OPA192-\]\(http://www.ti.com/product/OPA192-Q1\)
\[Q1\]\(http://www.ti.com/product/OPA192-Q1\)\)](http://www.ti.com/product/OPA192-Q1)

—

Automotive
High-
Voltage
Rail-
to-
Rail
Input/Output
Precision
Op
Amp
E-
Trim™
Series

OPA196

[\(\[//www.ti.com/product/OPA196\]\(http://www.ti.com/product/OPA196\)\)](http://www.ti.com/product/OPA196)

—

Single,
36-
V,
low
power,
all-
purpose
amplifier
with
mux-
friendly
input

OPA197

[\(\[//www.ti.com/product/OPA197\]\(http://www.ti.com/product/OPA197\)\)](http://www.ti.com/product/OPA197)

—

Single,
36-
V,
precision,
rail-
to-
rail
input
output,
low
offset
voltage
op
amp

OPA197-

Q1

[\(\[//www.ti.com/product/OPA197-\]\(http://www.ti.com/product/OPA197-Q1\)](http://www.ti.com/product/OPA197-Q1)

Q1)

—

Single,
automotive
36-
V,
precision,
rail-

to-

rail

input

output,

low

offset

voltage

op

amp

OPA202

([//www.ti.com/product/OPA202](http://www.ti.com/product/OPA202))

—

Low-

noise

(0.2

μVPP,

9

nV/√Hz)

heavy-

capacitive-

drive

(25

nF)

super-

beta

precision

op

amp

OPA205

([//www.ti.com/product/OPA205](http://www.ti.com/product/OPA205))

—

Single,

rail-

to-

rail

bipolar

precision

e-

trim™

op

amp

with

low

input

bias

current

and

low

noise

OPA206

([//www.ti.com/product/OPA206](http://www.ti.com/product/OPA206))

—

Low-

power

(240

μA)

low-

noise

(8

nV/√Hz)

precision

e-

trim™

op

amp

with

super-

beta

inputs

and

OVP

OPA207

([//www.ti.com/product/OPA207](http://www.ti.com/product/OPA207))

—

Low

power

(350μA),

low

noise

(7.5nV/√Hz),

high

precision

(100μV,

0.2μV/°C),

bipolar

RRO

op

amp

OPA209

(//www.ti.com/product/OPA209)

—

Single,

2.2-

nV/rtHz,

18-

MHz,

precision,

RRO,

36-

V

operational

amplifier

OPA210

(//www.ti.com/product/OPA210)

—

2.2-

nV/√Hz,

low-

power,

36-

V

operational

amplifier

OPA211

(//www.ti.com/product/OPA211)

—

1.1nV/rtHz

Noise,

Low-

Power,

Precision

Operational

Amplifier

OPA211-

EP

(//www.ti.com/product/OPA211-

EP)

—

Enhanced

Product

1.1nV/rtHz

Noise,

Low

Power,

Precision

Operational

Amplifier

OPA211-

HT

([//www.ti.com/product/OPA211-](http://www.ti.com/product/OPA211-)

HT)

—

High

Temperature

1.1nV/rtHz

Noise,

Low

Power,

Precision

Operational

Amplifier

OPA2130

([//www.ti.com/product/OPA2130](http://www.ti.com/product/OPA2130))

—

Dual,

1-

MHz,

20-

pA

bias

current,

530-

μA

power,

FET

operational

amplifier

OPA2131

([//www.ti.com/product/OPA2131](http://www.ti.com/product/OPA2131))

—

Dual,

4-

MHz,

50-

pA

bias

current,

750-

μA

power,

FET

operational

amplifier

OPA2140

([//www.ti.com/product/OPA2140](http://www.ti.com/product/OPA2140))

—

Dual-

channel,

11-

MHz,

low-

noise

36-

V

JFET

precision

operational

amplifier

with

rail-

to-

rail

output

OPA2145

([//www.ti.com/product/OPA2145](http://www.ti.com/product/OPA2145))

—

Dual,

5.5-

MHz,

high

slew

rate,

low-

noise,

low-

power,

RR0

precision

JFET

operational

amplifier

OPA2156

(//www.ti.com/product/OPA2156)

—

Low

noise

(3-

nV/√Hz

@10kHz),

high

speed

(25-

MHz,

40-

V/μs),

CMOS

precision

RRIO

dual

op

amp

OPA2180

(//www.ti.com/product/OPA2180)

—

0.1

μV/°C

DRIFT,

Low

Noise,

Rail-

to-

Rail

Output,

36V

Zero-

Drift

Op

Amp

OPA2180-

Q1

(//www.ti.com/product/OPA2180-

Q1)

—

Automotive-

Qualified

0.1

$\mu\text{V}/^{\circ}\text{C}$

Drift,

Low

Noise,

RRO,

36V,

Zero-

Drift

Op

Amp

OPA2182

(//www.ti.com/product/OPA2182)

—

Industry's

lowest

offset

drift

(0.012

$\mu\text{V}/^{\circ}\text{C}$,

max),

5.7

nV/rtHz ,

MUX-

friendly

36V

op

amp

OPA2186

(//www.ti.com/product/OPA2186)

—

Dual,

24-

V,

90-

μA

5-

μV -

offset

zero-

drift

operational

amplifier

with

rail-

to-

rail

input

and

output

OPA2187

([//www.ti.com/product/OPA2187](http://www.ti.com/product/OPA2187))

—

Zero-

drift

($10\mu\text{V}$,

$0.001\mu\text{V}/^\circ\text{C}$),

MUX-

friendly,

low-

noise,

RRO,

CMOS

precision

op

amp

(dual)

OPA2188

([//www.ti.com/product/OPA2188](http://www.ti.com/product/OPA2188))

—

$0.03\mu\text{V}/^\circ\text{C}$,

$6\mu\text{V}$

V_{os} ,

Low

Noise,

Rail-

to-

Rail

Output,

36V

Zero-

Drift

Operational

Amplifier

OPA2188-

Q1

(//www.ti.com/product/OPA2188-

Q1)

—

Automotive-

Qualified

0.03 μ V/°C

Drift,

6 μ V

Vos,

Low-

Noise,

RRO,

36V,

Zero-

Drift

Op

Amp

OPA2189

(//www.ti.com/product/OPA2189)

—

Dual,

14-

MHz,

MUX-

friendly,

low-

noise,

zero-

drift,

RRO,

CMOS

precision

operational

amplifier

OPA2191

(//www.ti.com/product/OPA2191)

—

Low-
power,
36-
V,
CMOS
precision
e-
trim™
operational
amplifier
OPA2192

(//www.ti.com/product/OPA2192)

—

36-
V,
Precision,
RRIO,
Low
Offset
Voltage,
Low
Input
Bias
Current
Op
Amp
With
e-
trim
OPA2192-

Q1

(//www.ti.com/product/OPA2192-

Q1)

—

Automotive
36-
V,
Precision,
RRIO,
Low
Offset
Voltage,

Low

Input

Bias

Current

Op

Amp

With

e-

trim

OPA2196

([//www.ti.com/product/OPA2196](http://www.ti.com/product/OPA2196))

—

Dual,

36-

V,

low

power,

all-

purpose

amplifier

with

mux-

friendly

input

OPA2197

([//www.ti.com/product/OPA2197](http://www.ti.com/product/OPA2197))

—

Dual

36-

V,

precision,

rail-

to-

rail

input

output,

low

offset

voltage

op

amp

OPA2197-

Q1

[http://www.ti.com/product/OPA2197-](http://www.ti.com/product/OPA2197)

[Q1\)](#)

—

Dual

automotive

36-

V,

precision,

rail-

to-

rail

input

output,

low

offset

voltage

op

amp

[OPA2202](#)

[http://www.ti.com/product/OPA2202\)](http://www.ti.com/product/OPA2202)

—

Low-

noise

(0.2

μVPP,

9

nV/√Hz),

heavy-

capacitive-

drive

(25

nF)

dual

super-

beta

precision

op

amp

[OPA2205](#)

[http://www.ti.com/product/OPA2205\)](http://www.ti.com/product/OPA2205)

—

Dual,

rail-

to-
rail
bipolar
precision

e-
trim™

op
amp
with

low
input
bias
current
and
low
noise

OPA2206

([//www.ti.com/product/OPA2206](http://www.ti.com/product/OPA2206))

—

OVP

±40-

V,

low-

power,

low-

noise,

precision

amplifier

with

e-

trim™

and

super

beta

input

transistors

OPA2209

([//www.ti.com/product/OPA2209](http://www.ti.com/product/OPA2209))

—

Dual,

2.2-

nV/rtHz,

18-

MHz,

precision,

RRO,

36-

V

operational

amplifier

OPA2210

(//www.ti.com/product/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

(//www.ti.com/product/OPA2211-

EP)

—

1.1

nV/√Hz

Noise,

Low

Power,

Precision

Operational

Amplifier

OPA2211-

HT

(//www.ti.com/product/OPA2211-

HT)

—

1.1nV/rtHz

noise,

low

power,

precision

op

amp

OPA2211A

(//www.ti.com/product/OPA2211A)

—

1.1nV/rtHz

Noise,

Low

Power,

Precision

Operational

Amplifier

OPA2227

(//www.ti.com/product/OPA2227)

—

Dual

high

precision,

low

noise

operational

amplifiers

OPA2227-

EP

(//www.ti.com/product/OPA2227-

EP)

—

Enhanced

Product

High

Precision,

Low

Noise

Operational

Amplifier

OPA2228

[\(//www.ti.com/product/OPA2228\)](http://www.ti.com/product/OPA2228)

—

Dual,
wide
bandwidth,
high
precision,
low
noise
operational
amplifiers
[OPA2237](http://www.ti.com/product/OPA2237)

[\(//www.ti.com/product/OPA2237\)](http://www.ti.com/product/OPA2237)

—

Dual
Single-
Supply
Operational
Amplifiers
MicroAmplifier™
Series
[OPA2241](http://www.ti.com/product/OPA2241)

[\(//www.ti.com/product/OPA2241\)](http://www.ti.com/product/OPA2241)

—

Dual,
5V
single-
supply,
micro
power
operational
amplifiers
[OPA2251](http://www.ti.com/product/OPA2251)

[\(//www.ti.com/product/OPA2251\)](http://www.ti.com/product/OPA2251)

—

Dual,
15V
single-
supply,
micro
power
operational
amplifiers

OPA227

(//www.ti.com/product/OPA227)

—

High

Precision,

Low

Noise

Operational

Amplifiers

OPA2277

(//www.ti.com/product/OPA2277)

—

10μV,

0.1μV/°C,

High-

Precision,

Low-

Power

Operational

Amplifier

OPA2277-

DIE

(//www.ti.com/product/OPA2277-

DIE)

—

High

Precision

Operational

Amplifier

OPA2277-

EP

(//www.ti.com/product/OPA2277-

EP)

—

Enhanced

Product

High

Precision

Operational

Amplifier

OPA228

(//www.ti.com/product/OPA228)

—

33-

MHz,

3-

nV/ $\sqrt{\text{Hz}}$

noise,

high

precision

operational

amplifiers

OPA2317

([//www.ti.com/product/OPA2317](http://www.ti.com/product/OPA2317))

—

Dual,

Low

Offset,

Rail-

to-

Rail

I/O

Operational

Amplifier

OPA2317-

Q1

([//www.ti.com/product/OPA2317-](http://www.ti.com/product/OPA2317-Q1)

Q1)

—

OPAx317-

Q1

Low-

Offset,

Rail-

to-

Rail

I/O

Operational

Amplifier

OPA2320

([//www.ti.com/product/OPA2320](http://www.ti.com/product/OPA2320))

—

Dual,

precision,

zero-

crossover,

20-

MHz,

0.9-

pA

lb,

RRIO,

CMOS

operational

amplifier

OPA2320-

Q1

([//www.ti.com/product/OPA2320-](http://www.ti.com/product/OPA2320-Q1)

Q1)

—

Automotive,

dual,

precision,

zero-

crossover,

20-

MHz,

0.9-

pA

lb,

RRIO,

CMOS

op

amp

OPA2325

([//www.ti.com/product/OPA2325](http://www.ti.com/product/OPA2325))

—

Dual

precision,

wide

bandwidth,

low

noise,

low

power

ADC

driving

op

amp

with

RRIO

and

zero-

crossover

OPA2328

(//www.ti.com/product/OPA2328)

—

Dual-

channel,

precision,

50-

μ V

offset

voltage,

40-

MHz

wide-

bandwidth

RRIO

CMOS

op

amp

OPA2330

(//www.ti.com/product/OPA2330)

—

Dual,

1.8-

V,

35-

μ A,

micropower,

precision,

zero

drift

CMOS

op

amp

OPA2333

(//www.ti.com/product/OPA2333)

—

1.8-

V,

17-

μ A,

two-

channel,

micropower

zero-

drift

CMOS

operational

amplifier

OPA2333-

HT

(//www.ti.com/product/OPA2333-

HT)

—

High-

temperature,

1.8-

V,

17-

μ A,

two-

channel,

micropower

zero-

drift

CMOS

operational

amplifier

OPA2333-

Q1

(//www.ti.com/product/OPA2333-

Q1)

—

Automotive,

1.8-

V,

17-

μ A,

two-

channel,

micropower

zero-

drift

CMOS

operational

amplifier

OPA2333A-

EP

(//www.ti.com/product/OPA2333A-

EP)

—

Enhanced-

product,

1.8-

V,

17-

μA,

two-

channel,

micropower

zero-

drift

CMOS

operational

amplifier

OPA2333P

(//www.ti.com/product/OPA2333P)

—

1.8-

V,

17-

μA,

two-

channel,

micropower

zero-

drift

CMOS

operational

amplifier

with

>300-

kHz

GBW

OPA2334

[\(//www.ti.com/product/OPA2334\)](http://www.ti.com/product/OPA2334)

—

Dual

0.05uV/C

max,

single-

supply

CMOS

operational

amplifier

with

shutdown

[OPA2335](http://www.ti.com/product/OPA2335)

[\(//www.ti.com/product/OPA2335\)](http://www.ti.com/product/OPA2335)

—

Dual

0.05uV/C

max,

single-

supply

CMOS

operational

amplifier

[OPA2335M](http://www.ti.com/product/OPA2335M)

[\(//www.ti.com/product/OPA2335M\)](http://www.ti.com/product/OPA2335M)

—

0.05uV/C

max,

Single-

Supply

CMOS

Operational

Amplifier

[OPA2336](http://www.ti.com/product/OPA2336)

[\(//www.ti.com/product/OPA2336\)](http://www.ti.com/product/OPA2336)

—

Single-

Supply,

MicroPower

CMOS

Operational

Amplifiers

MicroAmplifier

Series

OPA2340

(//www.ti.com/product/OPA2340)

—

Dual

single-

supply,

rail-

to-

rail,

low

power

operational

amplifier

OPA2340-

DIE

(//www.ti.com/product/OPA2340-

DIE)

—

Single-

Supply,

Rail-

to-

Rail

Operational

Amplifier

MicroAmplifier™

OPA2350

(//www.ti.com/product/OPA2350)

—

Dual

single-

supply,

rail-

to-

rail,

high

speed,

low-

noise

operational

amplifier

OPA2369

<http://www.ti.com/product/OPA2369>

—

Dual,

1.8-

V,

700-

nA,

zero-

crossover

rail-

to-

rail

I/O

operational

amplifier

[OPA237](http://www.ti.com/product/OPA237)

<http://www.ti.com/product/OPA237>

—

Single-

Supply

Operational

Amplifiers

MicroAmplifier™

Series

[OPA2376](http://www.ti.com/product/OPA2376)

<http://www.ti.com/product/OPA2376>

—

Dual,

precision,

low-

noise,

low

quiescent

current

operational

amplifier

[OPA2376-](http://www.ti.com/product/OPA2376)

[Q1](http://www.ti.com/product/OPA2376)

[http://www.ti.com/product/OPA2376-](http://www.ti.com/product/OPA2376)

[Q1](http://www.ti.com/product/OPA2376))

—

Low

Noise,

Low

Quiescent

Current,

Precision

Operational

Amplifier

e-

trim/trade

OPA2377

(//www.ti.com/product/OPA2377)

—

Low-

Cost,

Low

Noise,

5MHz

CMOS

Operational

Amplifier

OPA2377-

Q1

(//www.ti.com/product/OPA2377-

Q1)

—

Automotive-

Qualified,

Rail-

to-

Rail

In/Out,

Low

Noise,

5MHz

CMOS

Operational

Amplifier

OPA2378

(//www.ti.com/product/OPA2378)

—

Dual,

low-

noise,

900-

kHz,
RRIO,
precision
operational
amplifier,
zero-
drift
series

OPA2381

(//www.ti.com/product/OPA2381)

—

Precision,
Low
Power,
Transimpedance
Amplifier

OPA2387

(//www.ti.com/product/OPA2387)

—

Ultra-
high-
precision
zero-
drift
low-
input-
bias-
current
operational
amplifier

OPA2388

(//www.ti.com/product/OPA2388)

—

Dual,
10-
MHz,
CMOS,
zero-
drift,
zero-
crossover,
true
RRIO

precision
operational
amplifier

OPA2388-

Q1

(//www.ti.com/product/OPA2388-

Q1)

—

Dual,
automotive
qualified,
wide-
bandwidth,
zero-
drift,
zero-

crossover,
precision
amplifier

OPA2391

(//www.ti.com/product/OPA2391)

—

Dual,
micropower,
high
speed-
to-
power
ratio
low-
bias-
current

RRIO

precision
operational
amplifier

OPA2392

(//www.ti.com/product/OPA2392)

—

Dual,
low-
offset

(10

μV),

low-

noise

(6

$\text{nV}/\sqrt{\text{Hz}}$)

femtoamp-

bias-

current

e-

trim™

operational

amplifier

OPA241

([//www.ti.com/product/OPA241](http://www.ti.com/product/OPA241))

—

Single,

5V

single-

supply,

micro

power

operational

amplifiers

OPA251

([//www.ti.com/product/OPA251](http://www.ti.com/product/OPA251))

—

Single,

15V

single-

supply,

micro

power

operational

amplifiers

OPA27

([//www.ti.com/product/OPA27](http://www.ti.com/product/OPA27))

—

Ultra-

low-

noise

(4.5-

$\text{nV}/\sqrt{\text{Hz}}$),

100-

μV

offset,

unity

gain

stable

precision

operational

amplifier

OPA2727

(//www.ti.com/product/OPA2727)

—

e-

trim™ 20MHz,

High

Precision

CMOS

Operational

Amplifier

OPA2734

(//www.ti.com/product/OPA2734)

—

Dual

0.05uV/degC

(max)

single-

supply

CMOS

operational

amplifier,

zero-

drift

series

with

shutdown

OPA2735

(//www.ti.com/product/OPA2735)

—

Dual

0.05uV/degC

(max)

single-

supply

CMOS

operational
amplifier,
zero-
drift
series

OPA277

(//www.ti.com/product/OPA277)

—

Dual,
36-
V,
10 μ V
offset,
0.1 μ V/ $^{\circ}$ C
drift,
bipolar,
operational
amplifier

OPA2828

(//www.ti.com/product/OPA2828)

—

Dual,
high-
speed
(45
MHz
and
150
V/ μ s),
36-
V,
low-
noise
(4
nV/ $\sqrt{\text{Hz}}$)
RRO
JFET
operational
amplifier

OPA317

(//www.ti.com/product/OPA317)

—

Low

Offset,
Rail-
to-
Rail
I/O
Operational
Amplifier
OPA317-
Q1
([//www.ti.com/product/OPA317-](http://www.ti.com/product/OPA317-Q1)
[Q1](http://www.ti.com/product/OPA317-Q1))

—
Automotive-
Qualified
Operational
Amplifier
with
Low-
Offset,
RRIO,
and
Low
Current
Consumption
OPA320
([//www.ti.com/product/OPA320](http://www.ti.com/product/OPA320))

—
Precision,
zero-
crossover,
20-
MHz,
0.9-
pA
Ib,
RRIO,
CMOS
operational
amplifier
OPA320-
Q1
([//www.ti.com/product/OPA320-](http://www.ti.com/product/OPA320-Q1)
[Q1](http://www.ti.com/product/OPA320-Q1))

—

Automotive

qualified,

precision,

zero-

crossover,

20-

MHz,

0.9-

pA

lb,

RRIO,

CMOS

operational

amplifier

OPA325

([//www.ti.com/product/OPA325](http://www.ti.com/product/OPA325))

—

Low

noise

(10nV/rtHz),

wide

bandwidth

(10MHz),

low

power

(0.65mA),

zero

crossover

op

amp

OPA328

([//www.ti.com/product/OPA328](http://www.ti.com/product/OPA328))

—

Precision,

zero-

crossover,

50-

μV

offset

voltage,

40-

MHz

wide-
bandwidth
RRIO
CMOS

op
amp

OPA330

(//www.ti.com/product/OPA330)

—

Single,
1.8-
V,
35-
 μ A,
micropower,
precision,
zero
drift
CMOS

op
amp

OPA333

(//www.ti.com/product/OPA333)

—

Micropower,
1.8-
V,
17-
 μ A
zero-
drift
CMOS
precision
operational
amplifier

OPA333-

Q1

(//www.ti.com/product/OPA333-

Q1)

—

Automotive,
micropower,
1.8-

V,
17-
 μ A
zero-
drift
CMOS
precision
operational
amplifier
OPA333A-
EP
([//www.ti.com/product/OPA333A-](http://www.ti.com/product/OPA333A-EP)
EP)

—
Enhanced-
product,
micropower,
1.8-

V,
17-
 μ A
zero-
drift
CMOS
precision
operational
amplifier
OPA334
([//www.ti.com/product/OPA334](http://www.ti.com/product/OPA334))

—
Single
0.05 μ V/C
max,
single-
supply
CMOS
operational
amplifier
with
shutdown
OPA335
([//www.ti.com/product/OPA335](http://www.ti.com/product/OPA335))

—

Single

0.05uV/C

max,

single-

supply

CMOS

operational

amplifier

OPA336

(//www.ti.com/product/OPA336)

—

Single-

Supply,

MicroPower

CMOS

Operational

Amplifiers

MicroAmplifier™

Series

OPA336-

EP

(//www.ti.com/product/OPA336-

EP)

—

Enhanced

Product

Single-

Supply,

Micropower

Cmos

Operational

Amplifiers

Microamplifier(Tm)

OPA340

(//www.ti.com/product/OPA340)

—

Single,

single-

supply,

rail-

to-

rail,

low

power

operational

amplifier

OPA340-

EP

(//www.ti.com/product/OPA340-

EP)

—

Enhanced

Product

Single-

Supply,

Rail-

to-

Rail

Operational

Amplifiers

MicroAmplifier™

Series

OPA350

(//www.ti.com/product/OPA350)

—

Single,

single-

supply,

rail-

to-

rail,

high

speed,

low

noise

operational

amplifier

OPA369

(//www.ti.com/product/OPA369)

—

Single,

1.8-

V,

700-

nA,

zero-

crossover

rail-

to-

rail

I/O

operational

amplifier

OPA37

([//www.ti.com/product/OPA37](http://www.ti.com/product/OPA37))

—

Ultra-

low-

noise

(4.5-

nV/ $\sqrt{\text{Hz}}$),

100-

μV

offset,

decompensated

precision

operational

amplifier

OPA376

([//www.ti.com/product/OPA376](http://www.ti.com/product/OPA376))

—

Precision

(0.025mV),

low

noise

(7.5nV/rtHz),

low

quiescent

current

(760 μA)

op

amp

OPA376-

Q1

([//www.ti.com/product/OPA376-](http://www.ti.com/product/OPA376-Q1)

Q1)

—

Automotive

Precision,

Low

Noise,

Low

Iq

Operational

Amplifier

OPA377

([//www.ti.com/product/OPA377](http://www.ti.com/product/OPA377))

—

Low-

cost,

low-

noise,

5.5-

MHz

CMOS

operational

amplifier

OPA377-

Q1

([//www.ti.com/product/OPA377-](http://www.ti.com/product/OPA377-Q1)

Q1)

—

Automotive

Qualified,

Low

Noise,

Low

Voltage,

Precision

Operational

Amplifier

OPA378

([//www.ti.com/product/OPA378](http://www.ti.com/product/OPA378))

—

Low-

noise,

900-

kHz,

RRIO,

precision

operational

amplifier,

zero-

drift

series

OPA381

([//www.ti.com/product/OPA381](http://www.ti.com/product/OPA381))

—

Precision,

Low

Power,

High-

Speed

Transimpedance

Amplifier

OPA387

([//www.ti.com/product/OPA387](http://www.ti.com/product/OPA387))

—

Ultra-

high

precision

(2

μV),

zero-

drift

(0.003

$\mu\text{V}/\text{C}$),

low-

input-

bias-

current

op

amp

(single)

OPA388

([//www.ti.com/product/OPA388](http://www.ti.com/product/OPA388))

—

Single,

10-

MHz,

CMOS,

zero-

drift,

zero-

crossover,

true

RRIO

precision

operational

amplifier

OPA388-

Q1

(//www.ti.com/product/OPA388-

Q1)

—

Automotive

qualified,

wide

bandwidth,

zero

drift,

zero

cross

over,

precision

amplifier

OPA391

(//www.ti.com/product/OPA391)

—

Micropower,

single,

high-

precision

low-

bias-

current

RRIO

op

amp

with

high

speed-

to-

power

ratio

OPA392

(//www.ti.com/product/OPA392)

—

Single,

low-

offset

(10

μV),

low-

noise

(6

nV/rtHz)

femtoamp-

bias-

current

e-

trim™

op

amp

OPA396

(//www.ti.com/product/OPA396)

—

Single,

micropower

(24

μA),

low-

offset

(100

μV),

high

speed-

to-

power

ratio

RRIO

op

amp

OPA397

(//www.ti.com/product/OPA397)

—

Single,

low-

offset

(60

μV),

low-
noise,
low-
bias-
current

RRIO

e-

trim™

operational

amplifier

OPA3S328

(//www.ti.com/product/OPA3S328)

—

High-

speed

(40

MHz)

high-

precision

(60

μV)

low-

noise

op

amp

with

integrated

gain

switches

OPA404

(//www.ti.com/product/OPA404)

—

Quad

High

Speed

Precision

Difet®

Operational

Amplifier

OPA4140

(//www.ti.com/product/OPA4140)

—

Quad-

channel,

11-

MHz,

low-

noise

36-

V

JFET

precision

operational

amplifier

with

rail-

to-

rail

output

OPA4180

(//www.ti.com/product/OPA4180)

—

0.1

uV/C

Drift,

Quad,

Low

Noise,

Rail-

to-

Rail,

36V

Zero

Drift

Op

Amp

OPA4182

(//www.ti.com/product/OPA4182)

—

36-

V,

5-

MHz,

quad,

low-

noise,

zero-
drift,
MUX-
friendly,
precision

op
amp

OPA4186

([//www.ti.com/product/OPA4186](http://www.ti.com/product/OPA4186))

—

Quad,

24-

V,

low-

power

(90

μA)

5-

μV -

offset

zero-

drift

op

amp

with

rail-

to-

rail

input

and

output

OPA4187

([//www.ti.com/product/OPA4187](http://www.ti.com/product/OPA4187))

—

Zero-

drift

($10\mu\text{V}$,

$0.001\mu\text{V}/\text{C}^\circ$),

MUX-

friendly,

low-

noise,

RRO,

CMOS

quad

precision

op

amp

(quad)

OPA4188

([//www.ti.com/product/OPA4188](http://www.ti.com/product/OPA4188))

—

0.03μV/C,

Low

Noise,

Rail-

to-

Rail

Output,

36V

Zero-

Drift

Operational

Amplifier

OPA4189

([//www.ti.com/product/OPA4189](http://www.ti.com/product/OPA4189))

—

Quad,

14-

MHz,

MUX-

friendly,

zero-

drift,

rail-

to-

rail-

output,

precision

operational

amplifier

OPA4191

([//www.ti.com/product/OPA4191](http://www.ti.com/product/OPA4191))

—

Quad,

low-

power,
36-
V,
precision,
e-

trim
amplifier
with
RRIO

OPA4192

(//www.ti.com/product/OPA4192)

—

Low-
Noise,
Low
Quiescent
Current,
36V
RRI/O
Precision

Op
Amps,
E-
Trim™

Series

OPA4196

(//www.ti.com/product/OPA4196)

—

Quad,
36-
V,
low
power,
all-
purpose
amplifier
with
mux-
friendly
input

OPA4197

(//www.ti.com/product/OPA4197)

—

Quad,
36-
V,
precision,
rail-
to-
rail
input
output,
low
offset
voltage
op
amp
OPA4197-

Q1
(//www.ti.com/product/OPA4197-
Q1)
—

Automotive,
quad
channel,
high
precision,
36-
V,
10-
MHz,
rail-
to-
rail
input
output
op
amp
OPA4202

(//www.ti.com/product/OPA4202)
—
Low-
noise
(0.2
 μ VPP,
9

nV/ $\sqrt{\text{Hz}}$),
heavy-
capacitive-
drive

(25

nF)

quad

super-

beta

precision

op

amp

OPA4205

(//www.ti.com/product/OPA4205)

—

Quad,

rail-

to-

rail

bipolar

precision

e-

trim™

op

amp

with

low

input

bias

current

and

low

noise

OPA4206

(//www.ti.com/product/OPA4206)

—

Input-

overvoltage-

protected,

low-

power,

low-

noise

four-
channel
op
amp
with
super-
beta
inputs
OPA4209

(//www.ti.com/product/OPA4209)

—

Quad,
2.2-
nV/rtHz,
18-
MHz,
precision,
RRO,
36-
V
operational
amplifier
OPA4227

(//www.ti.com/product/OPA4227)

—

Quad
high
precision,
low
noise
operational
amplifiers
OPA4228

(//www.ti.com/product/OPA4228)

—

Quad
high
precision,
wide
bandwidth,
low
noise
operational

amplifiers

OPA4241

(//www.ti.com/product/OPA4241)

—

Quad,

5V

single-

supply,

micro

power

operational

amplifiers

OPA4251

(//www.ti.com/product/OPA4251)

—

Quad,

15V

single-

supply,

micro

power

operational

amplifiers

OPA4277

(//www.ti.com/product/OPA4277)

—

Quad,

low-

offset

(10

μV),

precision

op

amp

OPA4277-

EP

(//www.ti.com/product/OPA4277-

EP)

—

Enhanced

Products

High

Precision

Operational

Amplifiers

OPA4277-

SP

(//www.ti.com/product/OPA4277-

SP)

—

High-

precision

operational

amplifier

OPA4317

(//www.ti.com/product/OPA4317)

—

Quad,

Low

Offset,

Rail-

to-

Rail

I/O

Operational

Amplifier

OPA4325

(//www.ti.com/product/OPA4325)

—

Low

noise

(10nV/rtHz),

wide

bandwidth

(10MHz),

low

power

(0.65mA),

quad

zero

crossover

op

amp

OPA4330

(//www.ti.com/product/OPA4330)

—

Quad,
1.8-
V,
35-
 μ A,
micropower,
precision,
zero

drift

CMOS

op

amp

OPA4336

(//www.ti.com/product/OPA4336)

—

Quad

Single-

Supply,

MicroPower

CMOS

Operational

Amplifiers

MicroAmplifier™

Series

OPA4340

(//www.ti.com/product/OPA4340)

—

Quad,

single-

supply,

rail-

to-

rail,

low

power

operational

amplifier

OPA4350

(//www.ti.com/product/OPA4350)

—

Quad,

single-

supply,

rail-

to-

rail,

high

speed,

low

noise

operational

amplifier

OPA4350-

DIE

(//www.ti.com/product/OPA4350-

DIE)

—

High-

Speed,

Single-

Supply,

Rail-

to-

Rail

Operational

Amplifiers

MicroAmplifier™

Series

OPA4376

(//www.ti.com/product/OPA4376)

—

Quad

precision,

low-

noise,

low

quiescent

current

operational

amplifier

OPA4376-

Q1

(//www.ti.com/product/OPA4376-

Q1)

—

Automotive-

Qualified

Precision

Op

Amp

With

E-

Trim,

Low

Quiescent

Current

and

Low

Noise

OPA4377

(//www.ti.com/product/OPA4377)

—

Quad

low-

cost,

low-

noise,

5.5-

MHz

CMOS

operational

amplifier

OPA4377-

Q1

(//www.ti.com/product/OPA4377-

Q1)

—

Automotive-

Qualified

CMOS

Operational

Amplifier

With

Low

Noise

and

5.5MHz

GBW

OPA4387

<http://www.ti.com/product/OPA4387>

—

Ultra-
high
precision
(2
 μV),
zero-
drift
(0.003
 $\mu\text{V}/\text{C}$),
low-
input-
bias-
current
op
amp
(quad)
OPA4388

<http://www.ti.com/product/OPA4388>

—

Quad,
10-
MHz,
CMOS,
zero-
drift,
zero-
crossover,
true
RRIO
precision
operational
amplifier
OPA4727

<http://www.ti.com/product/OPA4727>

—

e-
trim™
20MHz,
High
Precision
CMOS

Operational

Amplifier

OPA4H014-

SEP

(//www.ti.com/product/OPA4H014-

SEP)

—

Radiation-

tolerant,

11-

MHz,

low-

noise,

precision

rail-

to-

rail

output

JFET

amplifier

OPA593

(//www.ti.com/product/OPA593)

—

85-

V,

100-

μV

wide-

bandwidth

(10

MHz)

high-

output-

current

(250

mA)

precision

operational

amplifier

OPA627

(//www.ti.com/product/OPA627)

—

55V/μS,

High-Speed,
0.8 μ V/ $^{\circ}$ C

Drift

Max,

Precision

Operational

Amplifier

OPA627-

DIE

(//www.ti.com/product/OPA627-

DIE)

—

OPA627-

DIE

Precision

High-Speed

Speed

Difet

Operational

Amplifier

OPA637

(//www.ti.com/product/OPA637)

—

Precision

High-Speed

Speed

Difet®

Operational

Amplifiers

OPA727

(//www.ti.com/product/OPA727)

—

Single

high

precision,

low

noise

operational

amplifiers

OPA728

(//www.ti.com/product/OPA728)

—

20-

MHz,

2.5-

fA/√Hz

noise,

high

precision

operational

amplifiers

OPA734

([//www.ti.com/product/OPA734](http://www.ti.com/product/OPA734))

—

Single

0.05-

uV/degC

(max)

single-

supply

CMOS

op

amp,

zero-

drift

series

with

shutdown

OPA735

([//www.ti.com/product/OPA735](http://www.ti.com/product/OPA735))

—

Single

0.05uV/degC

(max)

single-

supply

CMOS

operational

amplifier,

zero-

drift

series

OPA827

([//www.ti.com/product/OPA827](http://www.ti.com/product/OPA827))

—

Low-
noise,
high-
precision,
JFET-
input
operational
amplifier

OPA828

([//www.ti.com/product/OPA828](http://www.ti.com/product/OPA828))

—

High-
speed

(45
MHz

and

150

V/ μ s),

36-

V,

low-

noise

(4

nV/ $\sqrt{\text{Hz}}$)

RRO

JFET

operational

amplifier

OPA928

([//www.ti.com/product/OPA928](http://www.ti.com/product/OPA928))

—

High-
voltage

femtoampere-

input-

bias

precision

e-

trim™

operational

amplifier

with

RRIO

GENERAL-
PURPOSE
OP
AMPS

OPA137

[\(/www.ti.com/product/OPA137\)](http://www.ti.com/product/OPA137)

—

Single,
36-
V,
1-
MHz
operational
amplifier
with
rail-
to-
rail
input
to
V+

OPA141

[\(/www.ti.com/product/OPA141\)](http://www.ti.com/product/OPA141)

—

Single,
10-
MHz,
single
supply,
low-
noise,
JFET
precision
amplifier

OPA170

[\(/www.ti.com/product/OPA170\)](http://www.ti.com/product/OPA170)

—

Single,
36-
V,
1.2-
MHz,
low-
power

operational

amplifier

OPA170-

DIE

(//www.ti.com/product/OPA170-

DIE)

—

Single-

Supply,

Low-

Power

Operational

Amplifier

OPA170-

EP

(//www.ti.com/product/OPA170-

EP)

—

Enhanced

product,

single,

36-

V,

1.2-

MHz,

low-

power

operational

amplifier

OPA170-

Q1

(//www.ti.com/product/OPA170-

Q1)

—

Automotive-

grade,

single,

36-

V,

1.2-

MHz,

low-

power

operational

amplifier

OPA171

(//www.ti.com/product/OPA171)

—

Single,

36-

V,

3-

MHz,

low-

power

operational

amplifier

OPA171-

Q1

(//www.ti.com/product/OPA171-

Q1)

—

Automotive-

grade,

single,

36-

V,

3-

MHz,

low-

power

operational

amplifier

OPA172

(//www.ti.com/product/OPA172)

—

Single,

36-

V,

10-

MHz,

low-

power

operational

amplifier

OPA2107

[\(\[//www.ti.com/product/OPA2107\]\(http://www.ti.com/product/OPA2107\)\)](http://www.ti.com/product/OPA2107)

—

Dual,

30-

V,

4.5-

MHz

operational

amplifier

[OPA2137](http://www.ti.com/product/OPA2137)

[\(\[//www.ti.com/product/OPA2137\]\(http://www.ti.com/product/OPA2137\)\)](http://www.ti.com/product/OPA2137)

—

Dual,

36-

V,

1-

MHz

operational

amplifier

[OPA2141](http://www.ti.com/product/OPA2141)

[\(\[//www.ti.com/product/OPA2141\]\(http://www.ti.com/product/OPA2141\)\)](http://www.ti.com/product/OPA2141)

—

Dual,

10-

MHz,

single

supply,

low-

noise,

JFET

precision

amplifier

[OPA2170](http://www.ti.com/product/OPA2170)

[\(\[//www.ti.com/product/OPA2170\]\(http://www.ti.com/product/OPA2170\)\)](http://www.ti.com/product/OPA2170)

—

Dual,

36-

V,

1.2-

MHz,

low-

power

operational

amplifier

OPA2170-

Q1

(//www.ti.com/product/OPA2170-

Q1)

—

Automotive-

grade,

dual,

36-

V,

1.2-

MHz,

low-

power

operational

amplifier

OPA2171

(//www.ti.com/product/OPA2171)

—

Dual,

36-

V,

3-

MHz,

low-

power

operational

amplifier

OPA2171-

EP

(//www.ti.com/product/OPA2171-

EP)

—

Enhanced

product,

dual,

36-

V,

3-

MHz,

low-

power

operational

amplifier

OPA2171-

Q1

(//www.ti.com/product/OPA2171-

Q1)

—

Automotive-

grade,

dual,

36-

V,

3-

MHz,

low-

power

operational

amplifier

OPA2172

(//www.ti.com/product/OPA2172)

—

Dual,

36-

V,

10-

MHz,

low-

power

operational

amplifier

OPA2172-

Q1

(//www.ti.com/product/OPA2172-

Q1)

—

Automotive-

grade,

dual,

36-

V,

10-

MHz,

low-

power

operational

amplifier

OPA2244

(//www.ti.com/product/OPA2244)

—

Dual,

36-

V,

430-

kHz,

low-

power

operational

amplifier

OPA2310

(//www.ti.com/product/OPA2310)

—

Dual-

channel,

5.5-

V,

3-

MHz

high-

output-

current

(150-

mA)

fast-

shutdown

(1-

μs)

operational

amplifier

OPA2313

(//www.ti.com/product/OPA2313)

—

Dual,

5.5-

V,

1-

MHz,

low

quiescent

current

(50-

μ A),

RRIO

operational

amplifier

OPA2313-

Q1

([//www.ti.com/product/OPA2313-](http://www.ti.com/product/OPA2313-Q1)

Q1)

—

Automotive-

grade,

dual,

5.5-

V,

1-

MHz,

low

quiescent

current

(50-

μ A),

RRIO

operational

amplifier

OPA2314

([//www.ti.com/product/OPA2314\)](http://www.ti.com/product/OPA2314)

—

Dual,

5.5-

V,

3-

MHz,

1.8-

V

min

supply,

low

noise

(14-

nV/√Hz)

operational

amplifier

OPA2314-

EP

(//www.ti.com/product/OPA2314-

EP)

—

Enhanced

product,

dual,

5.5-

V,

3-

MHz,

RRIO

operational

amplifier

OPA2314-

Q1

(//www.ti.com/product/OPA2314-

Q1)

—

Automotive-

grade,

dual,

5.5-

V,

3-

MHz,

1.8-

V

min

supply,

low

noise

(14-

nV/√Hz)

operational

amplifier

OPA2316

(//www.ti.com/product/OPA2316)

—

Dual,

5.5-

V,

10-

MHz,

low

noise

(11-

nV/√Hz),

RRIO

operational

amplifier

OPA2316-

Q1

(//www.ti.com/product/OPA2316-

Q1)

—

Automotive-

grade,

dual,

5.5-

V,

10-

MHz,

low

noise

(11-

nV/√Hz),

RRIO

operational

amplifier

OPA2322

(//www.ti.com/product/OPA2322)

—

Dual,

5.5-

V,

20-

MHz,

low

noise

(8.5-

nV/√Hz),

RRIO

operational

amplifier

OPA2322-

Q1

(//www.ti.com/product/OPA2322-

Q1)

—

Automotive-

grade,

dual,

5.5-

V,

20-

MHz,

low

noise

(8.5-

nV/ $\sqrt{\text{Hz}}$),

RRIO

operational

amplifier

OPA2323

(//www.ti.com/product/OPA2323)

—

Dual,

5.5-

V,

20-

MHz,

zero-

cross

low-

noise

(6

nV/ $\sqrt{\text{Hz}}$)

RRIO

operational

amplifier

OPA2337

(//www.ti.com/product/OPA2337)

—

Dual,

5.5-

V,

3-

MHz,

RRO

operational

amplifier

OPA2338

(//www.ti.com/product/OPA2338)

—

Dual,

5.5-

V,

12.5-

MHz,

RRO

operational

amplifier

OPA2341

(//www.ti.com/product/OPA2341)

—

Dual,

5.5-

V,

5.5-

MHz,

RRIO

operational

amplifier

with

shutdown

OPA2342

(//www.ti.com/product/OPA2342)

—

Dual,

5.5-

V,

1-

MHz,

low

bias

current

(0.2-

pA),

RRIO

operational

amplifier

OPA2343

(//www.ti.com/product/OPA2343)

—

Dual,

5.5-

V,

5.5-

MHz,

RRIO

operational

amplifier

OPA2344

(//www.ti.com/product/OPA2344)

—

Dual,

5.5-

V,

1-

MHz,

1-

mV

offset,

RRIO

operational

amplifier

OPA2345

(//www.ti.com/product/OPA2345)

—

Dual,

5.5-

V,

3-

MHz,

1-

mV

offset,

RRIO

operational

amplifier

OPA2347

<http://www.ti.com/product/OPA2347>

—

Dual,

5.5-

V,

350-

kHz,

low

quiescent

current

(20-

μA),

RRIO

operational

amplifier

OPA2348

<http://www.ti.com/product/OPA2348>

—

Dual,

5.5-

V,

1-

MHz,

low

quiescent

current

(45-

μA),

RRIO

operational

amplifier

OPA2348-

Q1

[http://www.ti.com/product/OPA2348-](http://www.ti.com/product/OPA2348-Q1)

[Q1](http://www.ti.com/product/OPA2348-Q1))

—

Automotive-

grade,

dual,

5.5-

V,

1-

MHz,

low

quiescent

current

(45-

μA),

RRIO

operational

amplifier

OPA2349

(//www.ti.com/product/OPA2349)

—

Dual,

5.5-

V,

70-

kHz,

low

quiescent

current

(1-

μA),

RRIO

operational

amplifier

OPA2353

(//www.ti.com/product/OPA2353)

—

Dual,

5.5-

V,

44-

MHz,

low

noise

(7-

$\text{nV}/\sqrt{\text{Hz}}$),

RRIO

operational

amplifier

OPA2363

(//www.ti.com/product/OPA2363)

—

Dual,
5.5-
V,
7-
MHz,
RRIO
operational
amplifier
with
shutdown

OPA2364

(//www.ti.com/product/OPA2364)

—

Dual,
5.5-
V,
7-
MHz,
RRIO
operational
amplifier

OPA2373

(//www.ti.com/product/OPA2373)

—

Dual,
5.5-
V,
6.5-
MHz,
RRIO
operational
amplifier
with
shutdown

OPA2374

(//www.ti.com/product/OPA2374)

—

Dual,
5.5-
V,
6.5-
MHz,
RRIO

operational

amplifier

OPA2375

(//www.ti.com/product/OPA2375)

—

Dual,

5.5-

V,

10-

MHz,

low

noise

(4.6-

nV/ $\sqrt{\text{Hz}}$),

RRO

operational

amplifier

OPA2379

(//www.ti.com/product/OPA2379)

—

Dual,

5.5-

V,

90-

kHz,

low

quiescent

current

(2.9-

μA),

RRIO

operational

amplifier

OPA244

(//www.ti.com/product/OPA244)

—

Single,

36-

V,

430-

kHz,

low-

power

operational

amplifier

OPA2703

(//www.ti.com/product/OPA2703)

—

Dual,

12-

V,

1-

MHz

operational

amplifier

OPA2704

(//www.ti.com/product/OPA2704)

—

Dual,

12-

V,

3-

MHz

operational

amplifier

OPA2705

(//www.ti.com/product/OPA2705)

—

Dual,

12-

V,

1-

MHz,

low-

power,

low-

offset

operational

amplifier

OPA2725

(//www.ti.com/product/OPA2725)

—

Dual,

12-

V,

20-

MHz,
low-
power,
low-
offset
operational
amplifier

OPA2726

(//www.ti.com/product/OPA2726)

—

Dual,

12-

V,

20-

MHz,

low-

power

operational

amplifier

OPA2743

(//www.ti.com/product/OPA2743)

—

Dual,

12-

V,

7-

MHz

operational

amplifier

OPA2990

(//www.ti.com/product/OPA2990)

—

Dual,

40-

V,

1.1-

MHz,

low-

power

operational

amplifier

OPA2991

(//www.ti.com/product/OPA2991)

—

Dual,
40-
V,
4.5-
MHz,
low-
power
operational
amplifier
OPA2991-

Q1

([//www.ti.com/product/OPA2991-](http://www.ti.com/product/OPA2991-Q1)
[Q1](http://www.ti.com/product/OPA2991-Q1))

—

Automotive,
dual,
40-
V
4.5-
MHz
low-
power
operational
amplifier
OPA2992

([//www.ti.com/product/OPA2992](http://www.ti.com/product/OPA2992))

—

Dual,
40-
V,
10.6-
MHz,
rail-
to-
rail
input
and
output
low-
offset-
voltage
low-

noise

op

amp

OPA2992-

Q1

(//www.ti.com/product/OPA2992-

Q1)

—

Automotive,

dual,

40-

V,

10-

MHz

rail-

to-

rail

input

and

output

low-

noise

operational

amplifier

OPA2994

(//www.ti.com/product/OPA2994)

—

Dual,

32V,

24MHz

RRIO

high-

output-

current

(125mA)

op

amp

with

unlimited

capacitance

load

drive

OPA2994-

Q1

(//www.ti.com/product/OPA2994-

Q1)

—

Automotive,

dual,

24-

V,

25-

MHz

high-

output-

current

(150

mA)

operational

amplifier

OPA310

(//www.ti.com/product/OPA310)

—

Single,

5.5-

V,

3-

MHz

high-

output-

current

(150

mA)

fast-

shutdown

(1

μs)

operational

amplifier

OPA310-

Q1

(//www.ti.com/product/OPA310-

Q1)

—

Automotive,

single,

5.5-

V,

3-

MHz

high-

output-

current

(150

mA)

fast-

shutdown

operational

amplifier

OPA313

([//www.ti.com/product/OPA313](http://www.ti.com/product/OPA313))

—

Single,

5.5-

V,

1-

MHz,

low

quiescent

current

(50-

μA),

RRIO

operational

amplifier

OPA314

([//www.ti.com/product/OPA314](http://www.ti.com/product/OPA314))

—

Single,

5.5-

V,

3-

MHz,

low

noise

(4.6-

nV/√Hz),

RRIO

operational

amplifier

OPA314-

Q1

(//www.ti.com/product/OPA314-

Q1)

—

Automotive-

grade,

single,

5.5-

V,

3-

MHz,

low

noise

(4.6-

nV/ $\sqrt{\text{Hz}}$),

RRIO

operational

amplifier

OPA316

(//www.ti.com/product/OPA316)

—

Single,

5.5-

V,

10-

MHz,

50-

mA

output

current,

low

noise

(11-

nV/ $\sqrt{\text{Hz}}$),

RRIO

operational

amplifier

OPA316-

Q1

(//www.ti.com/product/OPA316-

Q1)

—

Automotive-

grade,

single,

5.5-

V,

10-

MHz,

50-

mA

output

current,

low

noise

(11-

nV/ $\sqrt{\text{Hz}}$),

RRIO

op

amp

OPA322

([//www.ti.com/product/OPA322](http://www.ti.com/product/OPA322))

—

Single,

5.5-

V,

20-

MHz,

65-

mA

output

current,

low

noise

(8.5-

nV/ $\sqrt{\text{Hz}}$)

operational

amplifier

OPA322-

Q1

([//www.ti.com/product/OPA322-](http://www.ti.com/product/OPA322-Q1)

Q1)

—

Automotive-

grade,
single,
5.5-
V,
20-
MHz,
65-
mA
output
current,
low
noise
(8.5-
nV/√Hz)

op
amp
OPA323

(//www.ti.com/product/OPA323)

—

Single,
5.5-
V,
20-
MHz,
zero-
cross
low-
noise
(6
nV/√Hz)

RRIO
operational
amplifier
OPA337

(//www.ti.com/product/OPA337)

—

Single,
5.5-
V,
3-
MHz,
RRO
operational

amplifier

OPA338

(//www.ti.com/product/OPA338)

—

Single,

5.5-

V,

62.5-

MHz,

RR0

operational

amplifier

OPA341

(//www.ti.com/product/OPA341)

—

Single,

5.5-

V,

5.5-

MHz,

extended

temp,

RRIO

operational

amplifier

with

shutdown

OPA342

(//www.ti.com/product/OPA342)

—

Single,

5.5-

V,

1-

MHz,

low

bias

current

(0.2-

pA),

RRIO

operational

amplifier

OPA343

[\(\[//www.ti.com/product/OPA343\]\(http://www.ti.com/product/OPA343\)\)](http://www.ti.com/product/OPA343)

—

Single,

5.5-

V,

5.5-

MHz,

RRIO

operational

amplifier

OPA344

[\(\[//www.ti.com/product/OPA344\]\(http://www.ti.com/product/OPA344\)\)](http://www.ti.com/product/OPA344)

—

Single,

5.5-

V,

1-

MHz,

1-

mV

offset,

RRIO

operational

amplifier

OPA345

[\(\[//www.ti.com/product/OPA345\]\(http://www.ti.com/product/OPA345\)\)](http://www.ti.com/product/OPA345)

—

Single,

5.5-

V,

3-

MHz,

RRIO

operational

amplifier

OPA347

[\(\[//www.ti.com/product/OPA347\]\(http://www.ti.com/product/OPA347\)\)](http://www.ti.com/product/OPA347)

—

Single,

5.5-

V,

350-

kHz,
low
quiescent
current
(20-
 μA),
RRIO
operational
amplifier
OPA348
(//www.ti.com/product/OPA348)

—

Single,
5.5-
V,
1-
MHz,
low
quiescent
current
(45-
 μA),
RRIO
operational
amplifier
OPA348-
Q1
(//www.ti.com/product/OPA348-
Q1)

—

Automotive-
grade,
single,
5.5-
V,
1-
MHz,
low
quiescent
current
(45-
 μA),
RRIO

operational

amplifier

OPA349

(//www.ti.com/product/OPA349)

—

Single,

5.5-

V,

70-

kHz,

low

quiescent

current

(1-

μA),

RRIO

operational

amplifier

OPA353

(//www.ti.com/product/OPA353)

—

Single,

5.5-

V,

44-

MHz,

low

noise

(7-

nV/√Hz),

RRIO

operational

amplifier

OPA363

(//www.ti.com/product/OPA363)

—

Single,

5.5-

V,

7-

MHz,

RRIO

operational

amplifier

with

shutdown

OPA364

(//www.ti.com/product/OPA364)

—

Single,

5.5-

V,

7-

MHz,

RRIO

operational

amplifier

OPA373

(//www.ti.com/product/OPA373)

—

Single,

5.5-

V,

6.5-

MHz,

RRIO

operational

amplifier

with

shutdown

OPA374

(//www.ti.com/product/OPA374)

—

Single,

5.5-

V,

6.5-

MHz,

RRIO

operational

amplifier

OPA375

(//www.ti.com/product/OPA375)

—

OPAx375,

500uV,

10-

MHz,

Low

Broadband

Noise,

RRO,

Operational

Amplifier

OPA379

([//www.ti.com/product/OPA379](http://www.ti.com/product/OPA379))

—

Single,

5.5-

V,

90-

kHz,

low

quiescent

current

(2.9-

μA),

RRIO

operational

amplifier

OPA4130

([//www.ti.com/product/OPA4130](http://www.ti.com/product/OPA4130))

—

Quad,

low

bias

current,

low-

noise,

precision

difet

operational

amplifier

OPA4131

([//www.ti.com/product/OPA4131](http://www.ti.com/product/OPA4131))

—

Quad,

1-

MHz,

20-

pA

bias

current,

530-

μA

power,

FET

operational

amplifier

OPA4137

(//www.ti.com/product/OPA4137)

—

Quad,

36-

V,

1-

MHz,

RRI

operational

amplifier

OPA4141

(//www.ti.com/product/OPA4141)

—

Quad,

10-

MHz,

single

supply,

low-

noise,

JFET

precision

amplifier

OPA4170

(//www.ti.com/product/OPA4170)

—

Quad,

36-

V,

1.2-

MHz,

low-

power

operational

amplifier

OPA4170-

Q1

(//www.ti.com/product/OPA4170-

Q1)

—

Automotive-

grade,

quad,

36-

V,

1.2-

MHz,

low-

power

operational

amplifier

OPA4171

(//www.ti.com/product/OPA4171)

—

Quad,

36-

V,

3-

MHz,

low-

power

operational

amplifier

OPA4171-

Q1

(//www.ti.com/product/OPA4171-

Q1)

—

Automotive-

grade,

quad,

36-

V,

3-

MHz,

low-
power
operational
amplifier

OPA4172

([//www.ti.com/product/OPA4172](http://www.ti.com/product/OPA4172))

—

Quad,

36-

V,

10-

MHz,

low-

power

operational

amplifier

OPA4172-

Q1

([//www.ti.com/product/OPA4172-](http://www.ti.com/product/OPA4172-Q1)

Q1)

—

Automotive-

grade,

quad,

36-

V,

10-

MHz,

low-

power

operational

amplifier

OPA4243

([//www.ti.com/product/OPA4243](http://www.ti.com/product/OPA4243))

—

Quad,

36-

V,

430-

kHz

operational

amplifier

OPA4244

[\(\[//www.ti.com/product/OPA4244\]\(http://www.ti.com/product/OPA4244\)\)](http://www.ti.com/product/OPA4244)

—

Quad,

36-

V,

430-

kHz,

low-

offset

operational

amplifier

[OPA4310](http://www.ti.com/product/OPA4310)

[\(\[//www.ti.com/product/OPA4310\]\(http://www.ti.com/product/OPA4310\)\)](http://www.ti.com/product/OPA4310)

—

Quad,

5.5-

V,

3-

MHz

high-

output-

current

(150

mA)

fast-

shutdown

(1

μs)

operational

amplifier

[OPA4313](http://www.ti.com/product/OPA4313)

[\(\[//www.ti.com/product/OPA4313\]\(http://www.ti.com/product/OPA4313\)\)](http://www.ti.com/product/OPA4313)

—

Quad,

5.5-

V,

1-

MHz,

low

quiescent

current

(50-

μA),

RRIO

operational

amplifier

OPA4314

(//www.ti.com/product/OPA4314)

—

Quad,

5.5-

V,

3-

MHz,

low

noise

(4.6-

nV/√Hz),

RRIO

operational

amplifier

OPA4314-

Q1

(//www.ti.com/product/OPA4314-

Q1)

—

Automotive-

grade,

quad,

5.5-

V,

3-

MHz,

low

noise

(4.6-

nV/√Hz),

RRIO

operational

amplifier

OPA4316

(//www.ti.com/product/OPA4316)

—

Quad,

5.5-

V,

10-

MHz,

50-

mA

output

current,

low

noise

(11-

nV/√Hz),

RRIO

operational

amplifier

OPA4316-

Q1

(//www.ti.com/product/OPA4316-

Q1)

—

Automotive-

grade,

quad,

5.5-

V,

10-

MHz,

50-

mA

output

current,

low

noise

(11-

nV/√Hz),

RRIO

op

amp

OPA4322

(//www.ti.com/product/OPA4322)

—

Quad,

5.5-

V,

20-

MHz,

65-

mA

output

current,

low

noise

(8.5-

nV/√Hz),

RRIO

operational

amplifier

OPA4322-

Q1

(//www.ti.com/product/OPA4322-

Q1)

—

Automotive-

grade,

quad,

5.5-

V,

20-

MHz,

65-

mA

output

current,

low

noise

(8.5-

nV/√Hz),

RRIO

op

amp

OPA4323

(//www.ti.com/product/OPA4323)

—

Quad,

5.5-

V,

20-

MHz,

zero-
cross
low-
noise
(6
nV/√Hz)

RRIO

operational
amplifier

OPA4342

(//www.ti.com/product/OPA4342)

—

Quad,

5.5-

V,

1-

MHz,

low

bias

current

(0.2-

pA),

RRIO

operational
amplifier

OPA4343

(//www.ti.com/product/OPA4343)

—

Quad,

5.5-

V,

5.5-

MHz,

RRIO

operational
amplifier

OPA4344

(//www.ti.com/product/OPA4344)

—

Quad,

5.5-

V,

1-

MHz,

1-

mV

offset,

RRIO

operational

amplifier

OPA4345

(//www.ti.com/product/OPA4345)

—

Quad,

5.5-

V,

3-

MHz,

1-

mV

offset,

RRIO

operational

amplifier

OPA4347

(//www.ti.com/product/OPA4347)

—

Quad,

5.5-

V,

350-

kHz,

low

quiescent

current

(20-

μA),

RRIO

operational

amplifier

OPA4348

(//www.ti.com/product/OPA4348)

—

Quad,

5.5-

V,

1-

MHz,

low

quiescent

current

(45-

μA),

RRIO

operational

amplifier

OPA4348-

Q1

([//www.ti.com/product/OPA4348-](http://www.ti.com/product/OPA4348-Q1)

Q1)

—

Automotive-

grade,

quad,

5.5-

V,

1-

MHz,

low

quiescent

current

(45-

μA),

RRIO

operational

amplifier

OPA4353

([//www.ti.com/product/OPA4353](http://www.ti.com/product/OPA4353))

—

Quad,

5.5-

V,

44-

MHz,

low

noise

(7-

$\text{nV}/\sqrt{\text{Hz}}$)

operational

amplifier

OPA4364

(//www.ti.com/product/OPA4364)

—

Quad,

5.5-

V,

7-

MHz,

RRIO

operational

amplifier

OPA4364-

Q1

(//www.ti.com/product/OPA4364-

Q1)

—

Automotive-

grade,

quad,

5.5-

V,

7-

MHz,

RRIO

operational

amplifier

OPA4374

(//www.ti.com/product/OPA4374)

—

Quad,

5.5-

V,

6.5-

MHz,

RRIO

operational

amplifier

OPA4379

(//www.ti.com/product/OPA4379)

—

Quad,

5.5-

V,
90-
kHz,
low
quiescent
current

(2.9-

μA),

RRIO

operational

amplifier

OPA4703

(//www.ti.com/product/OPA4703)

—

Quad,

12-

V,

1-

MHz,

low-

offset

operational

amplifier

OPA4704

(//www.ti.com/product/OPA4704)

—

Quad,

12-

V,

3-

MHz

operational

amplifier

OPA4705

(//www.ti.com/product/OPA4705)

—

Quad,

12-

V,

1-

MHz

operational

amplifier

OPA4743

(//www.ti.com/product/OPA4743)

—

Quad,

12-

V,

7-

MHz

operational

amplifier

OPA4990

(//www.ti.com/product/OPA4990)

—

Quad,

40-

V

1.1-

MHz

low-

power

(0.12

mA)

operational

amplifier

OPA4990-

Q1

(//www.ti.com/product/OPA4990-

Q1)

—

Automotive,

quad,

40-

V

1.1-

MHz

low-

power

(0.12

mA)

operational

amplifier

OPA4991

(//www.ti.com/product/OPA4991)

—

Quad,

40-

V,

4.5-

MHz,

low-

power

operational

amplifier

OPA4991-

EP

([//www.ti.com/product/OPA4991-](http://www.ti.com/product/OPA4991-EP)

EP)

—

Enhanced-

product,

quad,

40-

V

4.5-

MHz

rail-

to-

rail

input

and

output

operational

amplifier

OPA4991-

Q1

([//www.ti.com/product/OPA4991-](http://www.ti.com/product/OPA4991-Q1)

Q1)

—

Automotive,

quad,

40-

V,

4.5-

MHz,

low-

power

operational

amplifier

OPA4992

(//www.ti.com/product/OPA4992)

—

Quad,

40-

V,

10.6-

MHz,

rail-

to-

rail

input/output,

low-

offset-

voltage,

low-

noise

op

amp

OPA4992-

Q1

(//www.ti.com/product/OPA4992-

Q1)

—

Automotive,

quad,

40-

V,

10.6-

MHz,

rail-

to-

rail

input

and

output

low-

offset-

voltage

low-

noise

op

amp

OPA4H199-

SEP

(//www.ti.com/product/OPA4H199-

SEP)

—

Space-

enhanced-

product,

quad,

40-

V

4.5-

MHz

rail-

to-

rail

input

and

output

operational

amplifier

OPA602

(//www.ti.com/product/OPA602)

—

High-

Speed

Precision

Difet®

Operational

Amplifier

OPA703

(//www.ti.com/product/OPA703)

—

Single,

12-

V,

1-

MHz,

low-

offset

operational

amplifier

OPA704

(//www.ti.com/product/OPA704)

—

Single,

12-

V,

3-

MHz

operational

amplifier

OPA705

(//www.ti.com/product/OPA705)

—

Single,

12-

V,

1-

MHz

operational

amplifier

OPA725

(//www.ti.com/product/OPA725)

—

Single,

12-

V,

20-

MHz

operational

amplifier

OPA726

(//www.ti.com/product/OPA726)

—

Single,

12-

V,

20-

MHz

operational

amplifier

with

shutdown

OPA743

[\(\[//www.ti.com/product/OPA743\]\(http://www.ti.com/product/OPA743\)\)](http://www.ti.com/product/OPA743)

—

Single,

12-

V,

7-

MHz

operational

amplifier

OPA990

[\(\[//www.ti.com/product/OPA990\]\(http://www.ti.com/product/OPA990\)\)](http://www.ti.com/product/OPA990)

—

Single,

40-

V,

1.1-

MHz,

low-

power

operational

amplifier

OPA991

[\(\[//www.ti.com/product/OPA991\]\(http://www.ti.com/product/OPA991\)\)](http://www.ti.com/product/OPA991)

—

Single,

40-

V

4.5-

MHz

low-

power

operational

amplifier

OPA991-

Q1

[\(\[//www.ti.com/product/OPA991-\]\(http://www.ti.com/product/OPA991-Q1\)](http://www.ti.com/product/OPA991-Q1)

[Q1\)](http://www.ti.com/product/OPA991-Q1)

—

Automotive,

single,

40-

V

4.5-

MHz

low-

power

operational

amplifier

OPA992

(//www.ti.com/product/OPA992)

—

Single,

40-

V,

10.6-

MHz,

rail-

to-

rail

input/output,

low-

offset-

voltage,

low-

noise

op

amp

OPA992-

Q1

(//www.ti.com/product/OPA992-

Q1)

—

Automotive,

single,

40-

V,

10-

MHz

rail-

to-

rail

input

and

output

low-

noise

operational

amplifier

OPA994

([//www.ti.com/product/OPA994](http://www.ti.com/product/OPA994))

—

Single,

32V,

24MHz

RRIO

high-

output-

current

(125mA)

op

amp

with

unlimited

capacitance

load

drive

AUDIO

OP

AMPS

OPA132

([//www.ti.com/product/OPA132](http://www.ti.com/product/OPA132))

—

Single

SoundPlus™

8-

MHz,

5-

pA,

High

Performance

Audio

Operational

Amplifiers

with

FET

inputs

OPA134

([//www.ti.com/product/OPA134](http://www.ti.com/product/OPA134))

—

Single

SoundPlus™

8-

MHz,

50-

pA,

high-

performance

audio

op

amp

with

FET

inputs

OPA1602

(//www.ti.com/product/OPA1602)

—

Dual,

SoundPlus™

high-

performance,

bipolar-

input

audio

op

amp

OPA1604

(//www.ti.com/product/OPA1604)

—

Quad,

SoundPlus

High-

Performance,

Bipolar-

Input

Audio

Op

Amp

OPA1611

(//www.ti.com/product/OPA1611)

—

1.1nV/√Hz

Noise,

Low

Power,

Precision

Operational

Amplifier

OPA1612

(//www.ti.com/product/OPA1612)

—

SoundPlus™

Audio

Operational

Amplifier

with

1.1nV/√Hz

Noise,

Low

THD

and

Precision

OPA1612-

Q1

(//www.ti.com/product/OPA1612-

Q1)

—

Automotive,

1.1nV/√Hz

Noise,

Low

Power,

Precision

Audio

Operational

Amplifier

OPA1622

(//www.ti.com/product/OPA1622)

—

SoundPlus™

Audio

Operational

Amplifier

with

High

Performance,

Low

THD+N

and

Bipolar

Input

OPA1632

(//www.ti.com/product/OPA1632)

—

Fully

Differential

I/O

Audio

Amplifier

OPA1633

(//www.ti.com/product/OPA1633)

—

Ultra-

low-

distortion

195-

MHz

fully-

differential

audio

amplifier

OPA1637

(//www.ti.com/product/OPA1637)

—

High-

fidelity,

high-

voltage

(36-

V),

low-

noise

(3.7-

nV/rtHz)

Burr-

Brown™

audio

fully-

differential

amp

OPA1641

(//www.ti.com/product/OPA1641)

—

Single

Sound-

Plus

High-

Performance,

JFET-

Input

Audio

OpAmps

OPA1641-

Q1

(//www.ti.com/product/OPA1641-

Q1)

—

Single

Automotive

Sound-

Plus

High-

Performance,

JFET-

Input

Audio

Op

Amps

OPA1642

(//www.ti.com/product/OPA1642)

—

Dual

SoundPlus™

high-

performance,

JFET-

input

audio

op

amp

OPA1642-

Q1

<http://www.ti.com/product/OPA1642->

[Q1\)](#)

—

Dual

automotive

soundplus™

high-

performance,

JFET-

input

audio

op

amps

[OPA1644](#)

<http://www.ti.com/product/OPA1644>

—

OPA1641/1642/1644

SoundPLUS™

High-

Performance,

JFET-

Input

Audio

OpAmps

[OPA1652](#)

<http://www.ti.com/product/OPA1652>

—

Dual

SoundPlus™

low-

noise

&

distortion,

general-

purpose,

FET-

input

audio

op

amp

[OPA1654](#)

<http://www.ti.com/product/OPA1654>

—

Quad
sound
plus
low
noise
and
distortion,
general-
purpose,
FET-
input
audio
op
amps
OPA1655

([//www.ti.com/product/OPA1655](http://www.ti.com/product/OPA1655))

—

SoundPlus™
ultra-
low
noise
and
distortion,
Burr-
Brown™
single
audio
operational
amplifier
OPA1656

([//www.ti.com/product/OPA1656](http://www.ti.com/product/OPA1656))

—

SoundPlus™
ultra-
low
noise
and
distortion,
Burr-
Brown™
audio
operational
amplifier

OPA1662

(//www.ti.com/product/OPA1662)

—

Dual

SoundPlus™

low

noise

(3.3nV/rtHz)

and

distortion

(-

124dB),

wide

bandwidth

(22MHz)

audio

op

amp

OPA1662-

Q1

(//www.ti.com/product/OPA1662-

Q1)

—

Automotive

Sound

Plus,

Low-

Power,

Low-

Noise

and

Distortion,

Audio

Op

Amp

OPA1664

(//www.ti.com/product/OPA1664)

—

Quad

sound

plus

low-

power,

low-
noise
and
distortion,
audio

op
amps

OPA1671

([//www.ti.com/product/OPA1671](http://www.ti.com/product/OPA1671))

—

Single
supply,
wide
bandwidth

(13MHz),
low
noise
(7nV/RtHz),

RRIO
audio

op
amp

OPA1677

([//www.ti.com/product/OPA1677](http://www.ti.com/product/OPA1677))

—

Low-
distortion

(-
120
dB)

low-
noise
(4.5
nV/rtHz)

single
audio
operational
amplifier

OPA1678

([//www.ti.com/product/OPA1678](http://www.ti.com/product/OPA1678))

—

Low
distortion

(-
120
dB),
low
noise
(4.5nV/rtHz),
dual
audio
op
amp
OPA1679
(//www.ti.com/product/OPA1679)

—

Low
distortion

(-
120
dB),
low
noise
(4.5nV/rtHz),
quad
audio
op
amp
OPA1679-
Q1
(//www.ti.com/product/OPA1679-
Q1)

—

Automotive
quad-
channel,
low-
noise
4.5-
nV/rtHz,
low-
distortion
120-
dB,
audio
operational

amplifier

OPA1688

(//www.ti.com/product/OPA1688)

—

36V,

10MHz,

Low

Distortion

High

Drive

Rail-

to-

Rail

Output

Audio

Operational

Amplifiers

OPA1692

(//www.ti.com/product/OPA1692)

—

SoundPlus™

Low-

Power,

Low-

Noise,

High-

Performance

Dual

Bipolar-

Input

Audio

Op

Amp

OPA2132

(//www.ti.com/product/OPA2132)

—

Dual,

SoundPlus™

8-

MHz,

5-

pA,

High

Performance

Audio

Operational

Amplifiers

with

FET

inputs

OPA2134

(//www.ti.com/product/OPA2134)

—

SoundPlus™

Audio

Operational

Amplifier

with

Low

Distortion,

Low

Noise

and

Precision

OPA4132

(//www.ti.com/product/OPA4132)

—

Quad,

4-

MHz,

50-

pA

bias

current,

750-

μA

power,

FET

operational

amplifier

OPA4134

(//www.ti.com/product/OPA4134)

—

Quad

SoundPlus™

High

Performance

Audio

Operational

Amplifiers

OPA604

([//www.ti.com/product/OPA604](http://www.ti.com/product/OPA604))

—

FET-

Input,

Audio

Operational

Amplifier

TRANSIMPEDANCE

AMPLIFIERS

OPA1S2384

([//www.ti.com/product/OPA1S2384](http://www.ti.com/product/OPA1S2384))

—

250-

MHz,

CMOS

Transimpedance

Amplifier

(TIA)

with

Integrated

Switch

and

Buffer

OPA1S2385

([//www.ti.com/product/OPA1S2385](http://www.ti.com/product/OPA1S2385))

—

250-

MHz,

CMOS

Transimpedance

Amplifier

(TIA)

with

Integrated

active

low

Switch

and

Buffer

OPA2380

(//www.ti.com/product/OPA2380)

—

OPA2380

-

Dual,

High-

Speed

Precision

Transimpedance

Amplifier

OPA380

(//www.ti.com/product/OPA380)

—

Single,

High-

Speed

Precision

Transimpedance

Amplifier

OPA3S2859

(//www.ti.com/product/OPA3S2859)

—

Dual-

channel,

900-

MHz

2.2-

nV/ $\sqrt{\text{Hz}}$

programmable-

gain

transimpedance

amplifier

OPA3S2859-

EP

(//www.ti.com/product/OPA3S2859-

EP)

—

Enhanced

product,

dual-

channel,

900-

MHz,

2.2-

nV/ $\sqrt{\text{Hz}}$,

programmable

gain

transimpedance

amplifier

OPA857

([//www.ti.com/product/OPA857](http://www.ti.com/product/OPA857))

—

Ultralow-

Noise,

Wideband,

Pseudo-

Differential

Output

Transimpedance

Amplifier

OPA857-

DIE

([//www.ti.com/product/OPA857-](http://www.ti.com/product/OPA857-DIE)

DIE)

—

Low-

Noise,

Wideband,

Selectable-

gain,

Transimpedance

Amp

HIGH-
SPEED

OP
AMPS

(GBW

\geq

50
MHZ)

OPA2300

([//www.ti.com/product/OPA2300](http://www.ti.com/product/OPA2300))

—

Low-

Noise,

High-

Speed,
16-
Bit
Accurate
CMOS
Operational
Amplifier
with
digital
shutdown

OPA2301

(//www.ti.com/product/OPA2301)

—

Low-
Noise,
High-
Speed,
16-
Bit

Accurate
CMOS
Operational
Amplifier
OPA2354

(//www.ti.com/product/OPA2354)

—

250MHz,
Rail-
to-
Rail
I/O,
CMOS
Dual
Operational
Amplifier
OPA2354A-
Q1

(//www.ti.com/product/OPA2354A-
Q1)

—

Automotive
250MHz,
Rail-

to-

Rail

I/O,

CMOS

Dual

Operational

Amplifier

OPA2355

(//www.ti.com/product/OPA2355)

—

2.5V,

200MHz

GBW,

CMOS

Dual

Op

Amp

With

Shutdown

OPA2356

(//www.ti.com/product/OPA2356)

—

2.5V,

200MHz

GBW,

CMOS

Dual

Op

Amp

OPA2356-

EP

(//www.ti.com/product/OPA2356-

EP)

—

Enhanced

product

2.5

V,

200

MHz

GBW,

CMOS

dual

op

amp

OPA2357

(//www.ti.com/product/OPA2357)

—

250MHz,

Rail-

to-

Rail

I/O,

Dual

CMOS

Operational

Amplifier

w/Shutdown

OPA2365

(//www.ti.com/product/OPA2365)

—

2.2V,

50MHz,

Low-

Noise

Single-

Supply

Rail-

to-

Rail

Operational

Amplifiers

OPA2365-

Q1

(//www.ti.com/product/OPA2365-

Q1)

—

Automotive

2.2V,

50MHz,

Low-

Noise

Single-

Supply

Rail-

to-

Rail

Operational

Amplifiers

OPA2607

(//www.ti.com/product/OPA2607)

—

Dual-

channel,

low-

power,

precision,

50-

MHz

decompensated

CMOS

op

amp

OPA2607-

Q1

(//www.ti.com/product/OPA2607-

Q1)

—

Automotive,

dual-

channel,

50-

MHz

decompensated

rail-

to-

rail

output

CMOS

op

amp

OPA2613

(//www.ti.com/product/OPA2613)

—

Dual

Wideband,

High-

Output

Current,

Operational

Amplifier

with

Current

Limit

OPA2614

([//www.ti.com/product/OPA2614](http://www.ti.com/product/OPA2614))

—

Dual,

High

Gain

Bandwidth,

High

Output

Current,

Operational

Amplifier

with

Current

Limit

OPA2625

([//www.ti.com/product/OPA2625](http://www.ti.com/product/OPA2625))

—

High-

Bandwidth,

High-

Precision,

Low

THD+N,

16-

Bit

and

18-

Bit

ADC

Drivers

with

shutdown

OPA2626

([//www.ti.com/product/OPA2626](http://www.ti.com/product/OPA2626))

—

High-

Bandwidth,

High-
Precision,
Low
THD+N,
16-
Bit
and
18-
Bit
ADC

Drivers

[OPA2652](#)

<http://www.ti.com/product/OPA2652>

—

SpeedPlus™

Dual,

700MHz,

Voltage-

Feedback

Operational

Amplifier

[OPA2673](#)

<http://www.ti.com/product/OPA2673>

—

Dual,

Wideband,

High

Output

Current

Amplifier

and

PLC

Line

Driver

with

Active

Off-

line

Control

[OPA2674](#)

<http://www.ti.com/product/OPA2674>

—

Dual,

Wideband,

High

Output

Current

Amplifier

and

DSL/PLC

Line

Driver

with

Current

Limit

OPA2675

(//www.ti.com/product/OPA2675)

—

Dual-

channel,

wideband

high-

power-

output

current-

feedback

amplifier

OPA2677

(//www.ti.com/product/OPA2677)

—

SpeedPlus™

Dual,

Wideband,

High

Output

Current

Operational

Amplifier

and

DSL/PLC

Line

Driver

OPA2683

(//www.ti.com/product/OPA2683)

—

Very-

low-
power
dual-
current
feedback
operational
amplifier

OPA2684

(//www.ti.com/product/OPA2684)

—

Dual,
Low
Power,
Current
Feedback
Operational
Amplifier

OPA2690

(//www.ti.com/product/OPA2690)

—

Dual
Wideband,
Voltage
Feedback
Operational
Amplifier
with

Disable

OPA2691

(//www.ti.com/product/OPA2691)

—

Dual
wideband
current
feedback
operational
amplifier

with

disable

OPA2694

(//www.ti.com/product/OPA2694)

—

Dual,

Wideband,

Low

Power,

Current

Feedback

Operational

Amplifier

OPA2695

(//www.ti.com/product/OPA2695)

—

Ultra-

Wideband,

Current-

Feedback

Operational

Amplifier

with

Disable

OPA2810

(//www.ti.com/product/OPA2810)

—

Dual

channel,

high

performance,

27

V,

105

MHz,

RRIO

FET

input

op

amp

OPA2822

(//www.ti.com/product/OPA2822)

—

Dual,

wideband

low-

noise

SpeedPlus™

operational

amplifier

OPA2830

(//www.ti.com/product/OPA2830)

—

Dual,

Low-

Power,

Single-

Supply

Wideband

Operational

Amplifier

OPA2832

(//www.ti.com/product/OPA2832)

—

Dual,

Low

Power,

High-

Speed

,

Fixed

Gain

Operational

Amplifier

OPA2834

(//www.ti.com/product/OPA2834)

—

Ultra-

low

power,

50MHz

rail-

to-

rail

out,

negative

rail

in,

voltage-

feedback

op

amp

OPA2835

(//www.ti.com/product/OPA2835)

—

Dual,

Ultra

Low

Power,

Rail

to

Rail

Out,

Negative

Rail

In,

VFB

Amplifier

OPA2835-

DIE

(//www.ti.com/product/OPA2835-

DIE)

—

OPA2835-

DIE

ULTRA

LOW-

POWER,

RAIL-

TO-

RAIL

OUT,

NEGATIVE

RAIL

IN,

VFB

OP

AMP

OPA2836

(//www.ti.com/product/OPA2836)

—

Dual,

Very

Low

Power,

Rail

to

Rail

out,

Negative

Rail

in,

VFB

Op

Amp

OPA2836-

Q1

([//www.ti.com/product/OPA2836-](http://www.ti.com/product/OPA2836-Q1)

Q1)

—

Automotive,

Dual,

Very

Low

Power,

Rail

to

Rail

output,

VFB

Op

Amp

OPA2837

([//www.ti.com/product/OPA2837\)](http://www.ti.com/product/OPA2837)

—

Dual,

Low-

Power,

Precision,

Rail-

to-

Rail

Output,

105MHz,

Voltage

Feedback

Amplifier

OPA2846

[\(\[//www.ti.com/product/OPA2846\]\(http://www.ti.com/product/OPA2846\)\)](http://www.ti.com/product/OPA2846)

—

Dual,
Wideband,
Low-
Noise,
Voltage-
Feedback
Operational
Amplifier

OPA2863

[\(\[//www.ti.com/product/OPA2863\]\(http://www.ti.com/product/OPA2863\)\)](http://www.ti.com/product/OPA2863)

—

Dual,
low-
power,
110-
MHz,
12-
V,
rail-
to-
rail
input
and
output
(RRIO)
voltage-
feedback
amplifier

OPA2863-

Q1

[\(\[//www.ti.com/product/OPA2863-\]\(http://www.ti.com/product/OPA2863-Q1\)](http://www.ti.com/product/OPA2863-Q1)

Q1)

—

Automotive,
dual,
low-
power,
110-
MHz,
12-
V

RRIO

voltage-

feedback

amplifier

OPA2863A

(//www.ti.com/product/OPA2863A)

—

Dual,

high-

precision,

low-

power,

105-

MHz,

12-

V

RRIO

voltage-

feedback

amplifier

OPA2889

(//www.ti.com/product/OPA2889)

—

Dual

115MHz,

Low

Power,

Wideband,

Voltage

Feedback

Operational

Amplifier

with

Disable

OPA2890

(//www.ti.com/product/OPA2890)

—

Dual

250MHz

,

Low

Power,

Wideband,

Voltage

Feedback

Operational

Amplifier

with

Disable

OPA300

(//www.ti.com/product/OPA300)

—

High

Speed,

Low

Noise,

Single

Supply

CMOS

Operational

Amplifier

OPA301

(//www.ti.com/product/OPA301)

—

Low-

Noise,

High-

Speed,16-

Bit

Accurate

CMOS

Operational

Amplifier

OPA3355

(//www.ti.com/product/OPA3355)

—

2.5V,

200MHz

GBW,

CMOS

Triple

Op

Amp

With

Shutdown

OPA354

[\(//www.ti.com/product/OPA354\)](http://www.ti.com/product/OPA354)

—

250MHz,

Rail-

to-

Rail

I/O,

CMOS

Single

Operational

Amplifier

[OPA354A-](http://www.ti.com/product/OPA354A)

[Q1](http://www.ti.com/product/OPA354A)

[\(//www.ti.com/product/OPA354A-](http://www.ti.com/product/OPA354A)

[Q1\)](http://www.ti.com/product/OPA354A)

—

Automotive

250MHz,

Rail-

to-

Rail

I/O,

CMOS

Single

Operational

Amplifier

[OPA355](http://www.ti.com/product/OPA355)

[\(//www.ti.com/product/OPA355\)](http://www.ti.com/product/OPA355)

—

2.5V,

200MHz

GBW,

CMOS

Single

Op

Amp

With

Shutdown

[OPA355-](http://www.ti.com/product/OPA355)

[Q1](http://www.ti.com/product/OPA355)

[\(//www.ti.com/product/OPA355-](http://www.ti.com/product/OPA355)

[Q1\)](http://www.ti.com/product/OPA355)

—

Automotive

2.5V,

200MHz

GBW,

CMOS

Single

Op

Amp

With

Shutdown

OPA356

([//www.ti.com/product/OPA356](http://www.ti.com/product/OPA356))

—

2.5V,

200MHz

GBW,

CMOS

Single

Op

Amp

OPA356-

Q1

([//www.ti.com/product/OPA356-](http://www.ti.com/product/OPA356-Q1)

Q1)

—

Automotive

Catalog

2.5V,

200MHz

GBW,

CMOS

Single

Op

Amp

OPA357

([//www.ti.com/product/OPA357](http://www.ti.com/product/OPA357))

—

250MHz,

Rail-

to-

Rail

I/O,

Single

CMOS

Operational

Amplifier

w/Shutdown

OPA358

(//www.ti.com/product/OPA358)

—

3V

Single

Supply

80MHz

High-

Speed

Op

Amp

in

SC70

OPA365

(//www.ti.com/product/OPA365)

—

2.2V,

50MHz,

Low-

Noise,

Single-

Supply

Rail-

to-

Rail

Operational

Amplifier

OPA365-

EP

(//www.ti.com/product/OPA365-

EP)

—

Enhanced

Product

2.2V,

50MHz,

Low-

Noise,

Single-

Supply

Rail-

to-

Rail

Op

Amp

OPA365-

Q1

(//www.ti.com/product/OPA365-

Q1)

—

Automotive

2.2V,

50MHz,

Low-

Noise,

Single-

Supply

Rail-

to-

Rail

Operational

Amplifier

OPA3684

(//www.ti.com/product/OPA3684)

—

Low-

Power,

Triple

Current

Feedback

Operational

Amplifier

with

Disable

OPA3690

(//www.ti.com/product/OPA3690)

—

Triple,

Wideband,

Voltage-

Feedback

Operational

Amplifier

with

Disable

OPA3691

(//www.ti.com/product/OPA3691)

—

Triple

Wideband

Current

Feedback

Operational

Amplifier

with

Disable

OPA3695

(//www.ti.com/product/OPA3695)

—

Ultra-

Wideband,

Current-

Feedback

Operational

Amplifier

with

Disable

OPA3832

(//www.ti.com/product/OPA3832)

—

250MHz

triple,

low-

power,

high-

speed,

fixed-

gain

operational

amplifier

OPA4354

(//www.ti.com/product/OPA4354)

—

250

MHz,

rail-

to-

rail

I/O,

CMOS

quad

operational

amplifier

OPA4354-

Q1

(//www.ti.com/product/OPA4354-

Q1)

—

Automotive,

250MHz,

Rail-

to-

Rail

I/O,

CMOS

Quad

Operational

Amplifier

OPA4684

(//www.ti.com/product/OPA4684)

—

Quad,

Low-

Power,

Current

Feedback

Operational

Amplifier

OPA4684M

(//www.ti.com/product/OPA4684M)

—

Military

Quad,

Low-

Power,

Current

Feedback

Operational

Amplifier

OPA4820

(//www.ti.com/product/OPA4820)

—

Quad,

Unity-

Gain,

Low-

Noise,

Voltage-

Feedback

Operational

Amplifier

OPA4830

(//www.ti.com/product/OPA4830)

—

Quad,

Low-

Power,

Single-

Supply,

Wideband

Operational

Amplifier

OPA4863

(//www.ti.com/product/OPA4863)

—

Quad,

low-

power,

110-

MHz RRIO

voltage-

feedback

amplifier

OPA4872-

EP

(//www.ti.com/product/OPA4872-

EP)

—

Enhanced

Product

4:1

High-

Speed

Multiplexer

OPA607

([//www.ti.com/product/OPA607](http://www.ti.com/product/OPA607))

—

Low

power,

precision,

50

MHz

decompensated

CMOS

operational

amplifier

for

cost

sensitive

systems

OPA607-

Q1

([//www.ti.com/product/OPA607-](http://www.ti.com/product/OPA607-Q1)

Q1)

—

Automotive,

50-

MHz,

low-

power,

gain

of

6-

V/V

stable,

rail-

to-

rail

output

CMOS

operational

amplifier

OPA625

([//www.ti.com/product/OPA625](http://www.ti.com/product/OPA625))

—

High
Bandwidth,
High
Precision,
Low
Noise
&
Distortion
Amplifier
SAR
ADC
Driver
with
Power
Scaling
OPA653

(//www.ti.com/product/OPA653)

—

500MHz,
Fixed
Gain
of
+2V/V,
JFET
input
amplifier
OPA656

(//www.ti.com/product/OPA656)

—

Wideband,
Unity
Gain
Stable
FET-
Input
Operational
Amplifier
OPA656-

DIE

(//www.ti.com/product/OPA656-

DIE)

—

Wideband,

Unity

Gain

Stable

FET-

Input

Operational

Amplifier

OPA657

(//www.ti.com/product/OPA657)

—

1.6GHz,

Low

Noise,

FET-

Input

Operational

Amplifier

OPA657-

DIE

(//www.ti.com/product/OPA657-

DIE)

—

Bare-

DIE

1.6-

GHz,

Low-

Noise,

FET-

Input

Operational

Amplifier

OPA659

(//www.ti.com/product/OPA659)

—

650MHz

unity

gain

stable

JFET

input

amplifier

OPA683

(//www.ti.com/product/OPA683)

—

Very-
low-
power
current-
feedback
amplifier
with
disable

OPA684

(//www.ti.com/product/OPA684)

—

Low-
Power,
Current
Feedback
Operational
Amplifier
With
Disable

OPA688M

(//www.ti.com/product/OPA688M)

—

Military
Speedplus
unity
gain
stable,
wideband
voltage
limiting
amplifier

OPA689M

(//www.ti.com/product/OPA689M)

—

Military
wideband,
high
gain
voltage
limiting

amplifier

OPA690

(//www.ti.com/product/OPA690)

—

Wideband

voltage-

feedback

operational

amplifier

with

disable

OPA691

(//www.ti.com/product/OPA691)

—

Wideband

Current

Feedback

Operational

Amplifier

with

Disable

OPA692

(//www.ti.com/product/OPA692)

—

Wideband,

Fixed

Gain

Buffer

Amplifier

with

Disable

OPA694

(//www.ti.com/product/OPA694)

—

WideBand,

Low-

Power,

Current

Feedback

Amplifier

OPA695

(//www.ti.com/product/OPA695)

—

Ultra-
Wideband,
Current-
Feedback
Operational
Amplifier
with

Disable

OPA698

([//www.ti.com/product/OPA698](http://www.ti.com/product/OPA698))

—

Unity

Gain

Stable,

Wideband

Voltage

Limiting

Amplifier

OPA698M

([//www.ti.com/product/OPA698M](http://www.ti.com/product/OPA698M))

—

Unity-

Gain-

Stable

Wideband

Voltage

Limiting

Amplifier

OPA699

([//www.ti.com/product/OPA699](http://www.ti.com/product/OPA699))

—

OPA699:

Wideband,

High

Gain

Voltage

Limiting

Amplifier

OPA699M

([//www.ti.com/product/OPA699M](http://www.ti.com/product/OPA699M))

—

Gain

+4

Stable

Wideband

Voltage

Limiting

Amplifier

OPA810

(//www.ti.com/product/OPA810)

—

Single

Channel,

High

Performance,

27

V,

140

MHz,

RRIO

FET

Input

Op

Amp

OPA814

(//www.ti.com/product/OPA814)

—

600-

MHz,

high-

precision

unity-

gain-

stable

FET-

input

operational

amplifier

OPA817

(//www.ti.com/product/OPA817)

—

800-

MHz,

high-

precision

unity-

gain-

stable

FET-

input

operational

amplifier

OPA818

([//www.ti.com/product/OPA818](http://www.ti.com/product/OPA818))

—

2.7-

GHz,

13-

V,

decompensated

7-

V/V,

FET-

input

operational

amplifier

OPA820

([//www.ti.com/product/OPA820](http://www.ti.com/product/OPA820))

—

Unity

gain

stable,

low-

noise,

voltage

feedback

operational

amplifier

OPA830

([//www.ti.com/product/OPA830](http://www.ti.com/product/OPA830))

—

Low-

Power,

Single-

Supply

Operational

Amplifier

OPA830-

EP

[\(//www.ti.com/product/OPA830-](http://www.ti.com/product/OPA830-EP)

[EP\)](http://www.ti.com/product/OPA830-EP)

—

Low-

Power,

Single-

Supply,

Wideband

Operational

Amplifier

[OPA832](http://www.ti.com/product/OPA832)

[\(//www.ti.com/product/OPA832\)](http://www.ti.com/product/OPA832)

—

Low-

Power,

Single-

Supply,

Fixed-

Gain

Video

Buffer

Amplifier

[OPA835](http://www.ti.com/product/OPA835)

[\(//www.ti.com/product/OPA835\)](http://www.ti.com/product/OPA835)

—

Ultra

Low

Power,

Rail

to

Rail

Out,

Negative

Rail

In,

VFB

Amplifier

[OPA836](http://www.ti.com/product/OPA836)

[\(//www.ti.com/product/OPA836\)](http://www.ti.com/product/OPA836)

—

Very

Low

Power,

Rail

to

Rail

out,

Negative

Rail

in,

VFB

Op

Amp

OPA837

(//www.ti.com/product/OPA837)

—

Low-

power,

precision

105-

MHz

voltage-

feedback

operational

amplifier

OPA838

(//www.ti.com/product/OPA838)

—

1-

mA,

300-

MHz

Gain

Bandwidth,

Voltage-

Feedback

Op

Amp

OPA842

(//www.ti.com/product/OPA842)

—

Wideband,

Low

Distortion,

Unity

Gain

Stable,
Voltage
Feedback
Operational
Amplifier
OPA843
(//www.ti.com/product/OPA843)

—

Wideband,
Low
Distortion,
Medium
Gain,
Voltage
Feedback
Operational
Amplifier
OPA846
(//www.ti.com/product/OPA846)

—

Wideband
low-
noise
voltage-
feedback
operational
amplifier
OPA846-
DIE
(//www.ti.com/product/OPA846-
DIE)

—

Wideband,
Low
Noise,
Voltage
Feedback
Operational
Amplifier,
OPA846-
DIE
OPA847
(//www.ti.com/product/OPA847)

—

Wideband,
ultra-
low
noise,
voltage
feedback
operational
amplifier
with
shutdown

OPA855

([//www.ti.com/product/OPA855](http://www.ti.com/product/OPA855))

—

8
GHz
Gain
Bandwidth
Product,
Decompensated
Transimpedance
Amplifier
with

Bipolar

Input

OPA855-

Q1

([//www.ti.com/product/OPA855-](http://www.ti.com/product/OPA855-Q1)

Q1)

—

Automotive

8-

GHz

gain

bandwidth,

decompensated

transimpedance

amplifier

with

bipolar

input

OPA856

([//www.ti.com/product/OPA856](http://www.ti.com/product/OPA856))

—

1.1-

GHz

unity-

gain

bandwidth,

0.9

nV/ $\sqrt{\text{Hz}}$,

bipolar

input

amplifier

OPA858

([//www.ti.com/product/OPA858](http://www.ti.com/product/OPA858))

—

5.5

GHz

Gain

Bandwidth

Product,

Decompensated

Transimpedance

Amplifier

with

FET

Input

OPA858-

Q1

([//www.ti.com/product/OPA858-](http://www.ti.com/product/OPA858-Q1)

Q1)

—

Automotive

5.5-

GHz

gain

bandwidth,

decompensated

transimpedance

amplifier

with

FET

input

OPA859

([//www.ti.com/product/OPA859](http://www.ti.com/product/OPA859))

—

1.8

GHz

Unity-

Gain

Bandwidth,

3.3

nV/ $\sqrt{\text{Hz}}$,

FET

Input

Amplifier

OPA859-

Q1

([//www.ti.com/product/OPA859-](http://www.ti.com/product/OPA859-Q1)

Q1)

—

Automotive

1.8-

GHz

unity-

gain

bandwidth,

3.3-

nV/ $\sqrt{\text{Hz}}$,

FET

input

amplifier

OPA863

([//www.ti.com/product/OPA863\)](http://www.ti.com/product/OPA863)

—

Single-

channel,

low-

power,

110-

MHz,

12-

V

rail-

to-

rail

input

and

output
voltage-
feedback
amplifier
OPA863A

(//www.ti.com/product/OPA863A)

—

Single-
channel,
high-
precision,
low-
power,
105-
MHz,
12-
V

RRIO
voltage-
feedback
amplifier
OPA890

(//www.ti.com/product/OPA890)

—

Low
Power,
Wideband,
Voltage
Feedback
Operational
Amplifier
with
Disable

OPA891

(//www.ti.com/product/OPA891)

—

180-
MHz
0.95-
nV√Hz
operational
amplifier
with

ultra-

low

total

harmonic

distortion

(THD)

OPA892

([//www.ti.com/product/OPA892](http://www.ti.com/product/OPA892))

—

2-

GHz

10-

V/V

stable

0.95-

nV \sqrt Hz

operational

amplifier

with

ultra-

low

total

harmonic

distortion

(THD)

POWER

OP

AMPS

OPA2541

([//www.ti.com/product/OPA2541](http://www.ti.com/product/OPA2541))

—

Dual

High

Power

Operational

Amplifier

OPA2544

([//www.ti.com/product/OPA2544](http://www.ti.com/product/OPA2544))

—

High-

Voltage,

High-

Current

Dual

Operational

Amplifier

OPA445

(//www.ti.com/product/OPA445)

—

High

Voltage

FET-

Input

Operational

Amplifier

OPA452

(//www.ti.com/product/OPA452)

—

80-

V,

50-

mA,

unity-

gain

stable

with

a

BW

of

1.8-

MHz

operational

amplifiers

OPA453

(//www.ti.com/product/OPA453)

—

80-

V,

50-

mA

optimized

for

gains

greater

than

5

with

a
BW
of
7.5-
MHz
operational
amplifiers
OPA454
([//www.ti.com/product/OPA454](http://www.ti.com/product/OPA454))

—
High
voltage
(100
V),
high-
current
(50
mA)
operational
amplifiers,
g=1

stable
OPA455
([//www.ti.com/product/OPA455](http://www.ti.com/product/OPA455))

—
150-
V,
wide
bandwidth
6.5-
MHz,
high-
slew
rate
32-
V/ μ s
unity-
gain
stable

op
amp
OPA462
([//www.ti.com/product/OPA462](http://www.ti.com/product/OPA462))

—

180-

V,

wide

bandwidth

(6.5

MHz),

high-

slew

rate

(25

V/ μ s)

unity-

gain

stable

op

amp

OPA521

(//www.ti.com/product/OPA521)

—

2.5A

Narrowband

line

driver

OPA541

(//www.ti.com/product/OPA541)

—

High

Power

Monolithic

Operational

Amplifier

OPA544

(//www.ti.com/product/OPA544)

—

High-

Current

(4A

Typ),

High-

Voltage,

Operational

Amplifier

OPA547

[\(\[//www.ti.com/product/OPA547\]\(http://www.ti.com/product/OPA547\)\)](http://www.ti.com/product/OPA547)

—

High-
Voltage,

High-
Current

Op
Amp

with
shutdown
capability

OPA548

[\(\[//www.ti.com/product/OPA548\]\(http://www.ti.com/product/OPA548\)\)](http://www.ti.com/product/OPA548)

—

High-
voltage,

high-
current,

wide-
output-
voltage-
swing

power
operational
amplifier

OPA549

[\(\[//www.ti.com/product/OPA549\]\(http://www.ti.com/product/OPA549\)\)](http://www.ti.com/product/OPA549)

—

High-
Voltage,

High-
Current

Op
Amp,
Excellent

Output
Swing

OPA549-

HIREL

[\(\[\\[HIREL\\\)\\]\\(http://www.ti.com/product/OPA549-\\)\]\(http://www.ti.com/product/OPA549-</p></div><div data-bbox=\)](http://www.ti.com/product/OPA549-)

—

High-
Voltage,
High-
Current
Operational
Amplifier

OPA551

([//www.ti.com/product/OPA551](http://www.ti.com/product/OPA551))

—

High-
current
(380mA
Typ),
high-
voltage
(60V),
operational
amplifier

OPA552

([//www.ti.com/product/OPA552](http://www.ti.com/product/OPA552))

—

High-
current
(380mA
typ),
high-
voltage
(60V),
wide
bandwidth
(12MHz),
operational
amplifier

OPA561

([//www.ti.com/product/OPA561](http://www.ti.com/product/OPA561))

—

High-
current
high-
speed
operational
amplifier

OPA564

<http://www.ti.com/product/OPA564>

—

1.5A,

24V,

17MHz,

Power

Operational

Amplifier

[OPA564-](http://www.ti.com/product/OPA564)

[Q1](http://www.ti.com/product/OPA564)

[http://www.ti.com/product/OPA564-](http://www.ti.com/product/OPA564)

[Q1\)](http://www.ti.com/product/OPA564)

—

Automotive

1.5A,

24V,

17MHz,

Power

Operational

Amplifier

[OPA567](http://www.ti.com/product/OPA567)

[http://www.ti.com/product/OPA567\)](http://www.ti.com/product/OPA567)

—

Rail-

to-

Rail

I/O,

2A

Power

Amplifier

[OPA569](http://www.ti.com/product/OPA569)

[http://www.ti.com/product/OPA569\)](http://www.ti.com/product/OPA569)

—

Power

Op

Amp,

Output

Signal

Swings

Within

200mV

of

Rails

at

2A

Output

Current

VIDEO

AMPLIFIERS

OPA360

(//www.ti.com/product/OPA360)

—

3V,

Video

Amplifier

with

Low

Pass

Filter,

Internal

G=2

and

SAG

Correction

in

SC70

OPA361

(//www.ti.com/product/OPA361)

—

3V

Video

Amplifier

with

Internal

Gain

and

Filter

OPA361-

Q1

(//www.ti.com/product/OPA361-

Q1)

—

Automotive

AEC-

Q100

Grade

1

Qualified

3V

Video

Amplifier

with

Internal

Gain

and

Filter

OPA362

(//www.ti.com/product/OPA362)

—

3V

Video

Amplifier

with

Internal

Gain

and

Filter

in

SC70

OPA3692

(//www.ti.com/product/OPA3692)

—

Triple,

Wideband,

Fixed

Gain

Video

Buffer

Amplifier

With

Disable

OPA3693

(//www.ti.com/product/OPA3693)

—

Triple,

ultra-

wideband,

fixed-

gain,

video

buffer

with

disable

OPA3875

(//www.ti.com/product/OPA3875)

—

Triple-

channel,

700-

MHz,

op

amp

with

2:1

high-

speed

multiplexer

OPA4872

(//www.ti.com/product/OPA4872)

—

12V,

500MHz

high-

speed

op

amp

with

4:1

high-

speed

multiplexer

OPA693

(//www.ti.com/product/OPA693)

—

Ultra-

Wideband,

Fixed

Gain

Video

Buffer

Amplifier

with

Disable

OPA875

(//www.ti.com/product/OPA875)

—

Single-
channel,

700-

MHz,

op

amp

with

2:1

high-

speed

multiplexer

LINE

DRIVERS

OPA2670

(//www.ti.com/product/OPA2670)

—

Single

Port,

High

Output

Current

VDSL2

and

PLC

Line

Driver

with

Power

Control

TRANSCONDUCTANCE

AMPLIFIERS

&

LASER

DRIVERS

OPA615

(//www.ti.com/product/OPA615)

—

Wide

Bandwidth,

DC

Restoration

Circuit

OPA860

(//www.ti.com/product/OPA860)

—

Wide

Bandwidth

Operational

Transconductance

Amplifier

and

Buffer

OPA861

(//www.ti.com/product/OPA861)

—

Wide

Bandwidth

Operational

Transconductance

Amplifier

FULLY

DIFFERENTIAL

AMPLIFIERS

OPA862

(//www.ti.com/product/OPA862)

—

12.6V,

Low-

noise,

single-

ended-

to-

differential,

high

input

impedance

amplifier

PRECISION

ADCS

ADS1000

(//www.ti.com/product/ADS1000)

—

12-

Bit,

128SPS,

1-

Ch

Delta-

Sigma

ADC

w/

PGA,

Oscillator

&

I2C

ADS1000-

Q1

([//www.ti.com/product/ADS1000-](http://www.ti.com/product/ADS1000-Q1)

Q1)

—

Automotive,

12-

Bit,

128SPS,

1-

Ch

Delta-

Sigma

ADC

w/

PGA,

Oscillator

&

I2C

ADS1013

([//www.ti.com/product/ADS1013\)](http://www.ti.com/product/ADS1013)

—

12-

Bit

3.3kSPS

1-

Ch

Delta-

Sigma

ADC

With

Oscillator,

Voltage

Reference,

and

I2C

ADS1013-

Q1

(//www.ti.com/product/ADS1013-

Q1)

—

Automotive

12-

Bit

3.3kSPS

1-

Ch

Delta-

Sigma

ADC

With

Oscillator,

Voltage

Reference,

and

I2C

ADS1014

(//www.ti.com/product/ADS1014)

—

12-

Bit

3.3kSPS

1-

Ch

Delta-

Sigma

ADC

With

PGA,

Oscillator,

Voltage

Reference,

Comparator,

and

I2C

ADS1014-

Q1

(//www.ti.com/product/ADS1014-

Q1)

—

Automotive

12-

Bit

3.3kSPS

1-

Ch

Delta-

Sigma

ADC

With

PGA,

Oscillator,

VREF,

Comparator,

and

I2C

ADS1015

(//www.ti.com/product/ADS1015)

—

12-

bit,

3.3-

kSPS,

4-

channel,

delta-

sigma

ADC

with

PGA,

oscillator,

VREF,

comparator

and

I2C

ADS1015-

Q1

(//www.ti.com/product/ADS1015-

Q1)

—

Automotive

12-

bit,

3.3-

kSPS,

4-

ch,

delta-

sigma

ADC

with

PGA,

oscillator,

VREF,

comparator

and

I2C

ADS1018

(//www.ti.com/product/ADS1018)

—

12-

bit,

3.3-

kSPS,

4-

channel,

delta-

sigma

ADC

with

PGA,

oscillator,

VREF,

temp

sensor

and

SPI

ADS1018-

Q1

(//www.ti.com/product/ADS1018-

Q1)

—

Automotive,

12-

bit,

3.3-

kSPS,

4-

ch,

delta-

sigma

ADC

with

PGA,

oscillator,

VREF,

temp

sensor

and

SPI

ADS1100

([//www.ti.com/product/ADS1100](http://www.ti.com/product/ADS1100))

—

16-

Bit,

128SPS,

1-

Ch

Delta-

Sigma

ADC

w/

PGA,

Oscillator

&

I2C

ADS1110

([//www.ti.com/product/ADS1110](http://www.ti.com/product/ADS1110))

—

16-

Bit

240SPS

1-

Ch

Delta-

Sigma

ADC

With

PGA,

Oscillator,

Voltage

Reference,

and

I2C

ADS1112

([//www.ti.com/product/ADS1112](http://www.ti.com/product/ADS1112))

—

16-

Bit

240SPS

4-

Ch

Delta-

Sigma

ADC

With

PGA,

Oscillator,

Voltage

Reference,

and

I2C

ADS1113

([//www.ti.com/product/ADS1113](http://www.ti.com/product/ADS1113))

—

16-

Bit

860SPS

1-

Ch

Delta-

Sigma

ADC

With

Oscillator,

Voltage

Reference,

and

I2C

ADS1113-

Q1

(//www.ti.com/product/ADS1113-

Q1)

—

Automotive

16-

Bit

860SPS

1-

Ch

Delta-

Sigma

ADC

With

Oscillator,

Voltage

Reference,

and

I2C

ADS1114

(//www.ti.com/product/ADS1114)

—

16-

Bit

860SPS

1-

Ch

Delta-

Sigma

ADC

With

PGA,

Oscillator,

Vref,

Comparator,

and

I2C

ADS1114-

Q1

(//www.ti.com/product/ADS1114-

Q1)

—

Automotive

16-

Bit

860SPS

1-

Ch

Delta-

Sigma

ADC

With

PGA,

Oscillator,

Vref,

Comparator,

and

I2C

ADS1115

(//www.ti.com/product/ADS1115)

—

16-

bit,

860-

SPS,

4-

channel,

delta-

sigma

ADC

with

PGA,

oscillator,

VREF,

comparator

and

I2C

ADS1115-

Q1

(//www.ti.com/product/ADS1115-

Q1)

—

Automotive

16-

bit,
860-
SPS,
4-
ch,
delta-
sigma
ADC
with
PGA,
oscillator,
VREF,
comparator
and
I2C

ADS1115L

(//www.ti.com/product/ADS1115L)

—

16-
bit,
860-
SPS
four-
channel
delta-
sigma
ADC
with
PGA,
comparator
and
1.8-
V

I²C

bus

voltage

support

ADS1118

(//www.ti.com/product/ADS1118)

—

16-
bit,
860-

SPS,

4-

channel,

delta-

sigma

ADC

with

PGA,

oscillator,

VREF,

temp

sensor

and

SPI

ADS1118-

Q1

([//www.ti.com/product/ADS1118-](http://www.ti.com/product/ADS1118-Q1)

Q1)

—

Automotive

16-

bit,

860-

SPS,

4-

ch,

delta-

sigma

ADC

with

PGA,

oscillator,

VREF,

temp

sensor

and

SPI

ADS1119

([//www.ti.com/product/ADS1119\)](http://www.ti.com/product/ADS1119)

—

16-

bit,

1kSPS,

4-

ch

general-

purpose

delta-

sigma

ADC

with

I2C

interface

and

external

Vref

inputs

ADS1120

(//www.ti.com/product/ADS1120)

—

16-

bit,

2-

kSPS,

4-

ch,

low-

power,

small-

size

delta-

sigma

ADC

with

PGA,

VREF,

2x

IDACs

&

SPI

interface

ADS1120-

Q1

(//www.ti.com/product/ADS1120-

Q1)

—

Automotive

16-

bit

2-

kSPS

4-

ch

low-

power

delta-

sigma

ADC

with

PGA

and

VREF

for

small

signal

sensors

ADS112C04

([//www.ti.com/product/ADS112C04](http://www.ti.com/product/ADS112C04))

—

16-

bit,

2-

kSPS,

4-

ch,

low-

power,

small-

size

delta-

sigma

ADC

with

PGA,

VREF,

2x

IDACs

&

I2C

interface

ADS112U04

(//www.ti.com/product/ADS112U04)

—

16-

bit,

2-

kSPS,

4-

ch,

low-

power,

small-

size

delta-

sigma

ADC

w/

PGA,

VREF,

2x

IDACs

&

UART

interface

ADS1130

(//www.ti.com/product/ADS1130)

—

18-

Bit,

80SPS,

1-

Ch

Delta-

Sigma

ADC

for

Resistive

Bridge

Sensors

&

Weigh

Scales

ADS1131

(//www.ti.com/product/ADS1131)

—

18-

Bit,

80SPS,

1-

Ch

Delta-

Sigma

ADC

w/

Powerdown

Switch

for

Resistive

Bridge

Sensors

&

Weigh

Scales

ADS1146

(//www.ti.com/product/ADS1146)

—

16-

Bit

2kSPS

1-

Ch

ADC

With

PGA

for

Precision

Sensor

Measurement

ADS1147

(//www.ti.com/product/ADS1147)

—

16-

Bit

2kSPS

4-

Ch

ADC

With

PGA,

Reference,

and

IDAC

for

Precision

Sensor

Measurement

ADS1148

([//www.ti.com/product/ADS1148](http://www.ti.com/product/ADS1148))

—

16-

bit

2-

kSPS

ADC

with

PGA,

reference

and

IDAC

for

precision

sensor

measurement

ADS1148-

Q1

([//www.ti.com/product/ADS1148-](http://www.ti.com/product/ADS1148-Q1)

Q1)

—

Automotive

16-

bit

2-

kSPS

ADC

with

PGA,

reference

and

IDAC

for

precision

sensor

measurement

ADS114S06

(//www.ti.com/product/ADS114S06)

—

16-

bit,

4-

kSPS,

6-

ch

delta-

sigma

ADC

with

PGA

and

voltage

reference

for

sensor

measurement

ADS114S06B

(//www.ti.com/product/ADS114S06B)

—

16-

bit,

4-

kSPS,

6-

ch

delta-

sigma

ADC

With

PGA

and

voltage

reference

for

low-

cost

applications

ADS114S08

(//www.ti.com/product/ADS114S08)

—

16-

bit,

4-

kSPS,

12-

ch

delta-

sigma

ADC

with

PGA

and

voltage

reference

for

sensor

measurement

ADS114S08B

(//www.ti.com/product/ADS114S08B)

—

16-

bit,

4-

kSPS,

12-

ch

delta-

sigma

ADC

with

PGA

and

voltage

reference

for

low-

cost

applications

ADS1158

(//www.ti.com/product/ADS1158)

—

16-

Bit,

125kSPS,

16-

Ch

Delta-

Sigma

ADC

w/

Fast

Channel

Scan

&

Automatic

Sequencer

ADS1174

(//www.ti.com/product/ADS1174)

—

Quad,

Simultaneous

Sampling,

16-

Bit

Analog-

to-

Digital

Converter

ADS1178

(//www.ti.com/product/ADS1178)

—

Octal,

Simultaneous

Sampling,

16-

Bit

Analog-

to-

Digital

Converter

ADS117L11

[\(\[//www.ti.com/product/ADS117L11\]\(http://www.ti.com/product/ADS117L11\)\)](http://www.ti.com/product/ADS117L11)

—

16-

bit,

400-

kSPS,

low-

power,

wide-

bandwidth

delta-

sigma

ADC

with

input

and

reference

buffers

ADS1201

[\(\[//www.ti.com/product/ADS1201\]\(http://www.ti.com/product/ADS1201\)\)](http://www.ti.com/product/ADS1201)

—

High

Dynamic

Range

Delta-

Sigma

Modulator

ADS1202

[\(\[//www.ti.com/product/ADS1202\]\(http://www.ti.com/product/ADS1202\)\)](http://www.ti.com/product/ADS1202)

—

Current-

shunt

delta-

sigma

modulator,

10MHz

CLK,

+/-

250mV

input,

16-

bit

resolution

ADS1203

(//www.ti.com/product/ADS1203)

—

Current-

shunt

delta-

sigma

modulator,

10MHz

CLK,

+/-

250mV

input,

16-

bit

resolution,

ext

ref

option

ADS1204

(//www.ti.com/product/ADS1204)

—

Four

Delta-

Sigma

Modulators,

10MHz

CLK,

0-

5V

Input,

16-

Bit

Resolution

ADS1205

(//www.ti.com/product/ADS1205)

—

Two

1-

Bit,

10MHz,

2nd-

Order,

Delta-

Sigma

Modulator

ADS1208

(//www.ti.com/product/ADS1208)

—

10MHz

Modulator

With

Built-

in

Current

Excitation

for

Hall

Sensors

ADS1209

(//www.ti.com/product/ADS1209)

—

16-

Bit,

10MHz,

2-

Ch,

Delta-

Sigma

Modulator

ADS1211

(//www.ti.com/product/ADS1211)

—

24-

bit,

15.6-

kSPS,

8-

ch

delta-

sigma

ADC

with

VREF

and

PGA

ADS1213

(//www.ti.com/product/ADS1213)

—

22-

bit,

6.25-

kSPS,

8-

ch

Delta-

Sigma

ADC

with

VREF

and

PGA

ADS1216

(//www.ti.com/product/ADS1216)

—

24-

bit,

8-

ch

delta-

sigma

ADC

with

VREF,

PGA,

IDACs

and

RAM

ADS1217

(//www.ti.com/product/ADS1217)

—

8-

Channel,

24-

Bit

Analog-

to-

Digital

Converter

ADS1218

(//www.ti.com/product/ADS1218)

—

24-

Bit,

780SPS

ADC

w/

Flash

Memory,

8

Ch,

VREF,

Buffer,

2

IDACs,

Serial

Out,

Digital

I/O,

Low

Power

ADS1219

(//www.ti.com/product/ADS1219)

—

24-

bit,

1kSPS,

4-

ch

general-

purpose

delta-

sigma

ADC

with

I2C

interface

and

external

Vref

inputs

ADS1220

[\(\[//www.ti.com/product/ADS1220\]\(http://www.ti.com/product/ADS1220\)\)](http://www.ti.com/product/ADS1220)

—

24-

bit,

2-

kSPS,

four-

channel,

low-

power,

delta-

sigma

ADC

with

PGA,

VREF,

SPI

and

two

IDACs

ADS1222

[\(\[//www.ti.com/product/ADS1222\]\(http://www.ti.com/product/ADS1222\)\)](http://www.ti.com/product/ADS1222)

—

24-

bit

ADC

with

2-

channel

differential

input

multiplexer

ADS1224

[\(\[//www.ti.com/product/ADS1224\]\(http://www.ti.com/product/ADS1224\)\)](http://www.ti.com/product/ADS1224)

—

24-

bit

240-

SPS

ADC

with

4-

channel
differential
input
multiplexer,
high-
Z
buffer,
and
serial
output

ADS1225

([//www.ti.com/product/ADS1225](http://www.ti.com/product/ADS1225))

—

24-
bit
100-
SPS
ADC
with
differential
input
and
internal
oscillator

ADS1226

([//www.ti.com/product/ADS1226](http://www.ti.com/product/ADS1226))

—

24-
bit
ADC
with
two
differential
input
multiplexers
and
internal
oscillators

ADS122C04

([//www.ti.com/product/ADS122C04](http://www.ti.com/product/ADS122C04))

—

24-
bit,

2-

kSPS,

4-

ch,

low-

power,

small-

size

delta-

sigma

ADC

with

PGA,

VREF,

2x

IDACs

&

I2C

interface

ADS122U04

([//www.ti.com/product/ADS122U04](http://www.ti.com/product/ADS122U04))

—

24-

bit,

2-

kSPS,

4-

ch,

low-

power,

small-

size

delta-

sigma

ADC

w/

PGA,

VREF,

2x

IDACs

&

UART

interface

ADS1230

[\(\[//www.ti.com/product/ADS1230\]\(http://www.ti.com/product/ADS1230\)\)](http://www.ti.com/product/ADS1230)

—

20-

Bit,

80SPS,

1-

Ch

Delta-

Sigma

ADC

for

Resistive

Bridge

Sensors

&

Weigh

Scales

ADS1231

[\(\[//www.ti.com/product/ADS1231\]\(http://www.ti.com/product/ADS1231\)\)](http://www.ti.com/product/ADS1231)

—

24-

Bit,

80SPS,

1-

Ch

Delta-

Sigma

ADC

for

Resistive

Bridge

Sensors

&

Weigh

Scales

ADS1232

[\(\[//www.ti.com/product/ADS1232\]\(http://www.ti.com/product/ADS1232\)\)](http://www.ti.com/product/ADS1232)

—

24-

Bit,

80SPS,

2-

Ch
(Differential),
Pin-
Programmable
Delta-
Sigma
ADC
for
Bridge
Sensors
ADS1234
([//www.ti.com/product/ADS1234](http://www.ti.com/product/ADS1234))

—
24-
Bit,
80SPS,
4-
Ch
(Differential),
Pin-
Programmable
Delta-
Sigma
ADC
for
Bridge
Sensors
ADS1235
([//www.ti.com/product/ADS1235](http://www.ti.com/product/ADS1235))

—
24-
bit,
7.2-
kSPS,
3-
ch
differential,
delta-
sigma
ADC
with
PGA
and

AC

excitation

for

bridge

sensors

ADS1235-

Q1

(//www.ti.com/product/ADS1235-

Q1)

—

Automotive

24-

bit,

7.2-

kSPS,

3-

ch

differential

input,

delta-

sigma

ADC

with

PGA

and

AC

excitation

ADS1240

(//www.ti.com/product/ADS1240)

—

24-

Bit,

30-

SPS,

4-

Ch

delta-

sigma

ADC

with

PGA

ADS1241

(//www.ti.com/product/ADS1241)

—

24-

Bit,

30-

SPS,

8-

Ch

delta-

sigma

ADC

with

PGA

ADS1242

(//www.ti.com/product/ADS1242)

—

24-

Bit

ADC,

4

Ch,

PGA

1:128,

50/60

Hz

Notch,

0.6

mW

Power

Consumption

ADS1243

(//www.ti.com/product/ADS1243)

—

24-

Bit

ADC,

8

Ch,

PGA

1:128,

50/60

Hz

Notch,

0.6

mW

Power

Consumption

ADS1243-

HT

(//www.ti.com/product/ADS1243-

HT)

—

High-

Temperature

24-

Bit

ADC,

8-

Ch,

PGA

1:128,

50/60Hz

Notch

ADS1244

(//www.ti.com/product/ADS1244)

—

24-

Bit

15sps

Delta-

Sigma

ADC

with

50

&

60Hz

rejection

ADS1245

(//www.ti.com/product/ADS1245)

—

24-

Bit

Low-

Power

ADC

With

High-

Z

Input

Buffer

ADS1246

(//www.ti.com/product/ADS1246)

—

24-

Bit,

2kSPS,

1-

Ch

Delta-

Sigma

ADC

With

PGA

for

Precision

Sensor

Measurement

ADS1247

(//www.ti.com/product/ADS1247)

—

24-

Bit,

2kSPS,

4-

Ch

Delta-

Sigma

ADC

With

PGA,

Vref

and

2x

IDACs

for

Precision

Sensor

Measurement

ADS1248

(//www.ti.com/product/ADS1248)

—

24-

bit,

2-

kSPS,

eight-

channel

delta-

sigma

ADC

for

precision

sensor

measurement

ADS124S06

(//www.ti.com/product/ADS124S06)

—

24-

bit,

4-

kSPS,

6-

ch

delta-

sigma

ADC

with

PGA

and

voltage

reference

for

precision

sensor

measurement

ADS124S08

(//www.ti.com/product/ADS124S08)

—

24-

bit,

4-

kSPS,

12-

ch

delta-

sigma

ADC

with

PGA

and

voltage

reference

for

sensor

measurement

ADS1250

([//www.ti.com/product/ADS1250](http://www.ti.com/product/ADS1250))

—

20-

Bit

Data

Acquisition

System

Analog-

to-

Digital

Converter

ADS1251

([//www.ti.com/product/ADS1251](http://www.ti.com/product/ADS1251))

—

24-

Bit,

20kHz,

Low-

Power

Analog-

to-

Digital

Converter

ADS1252

([//www.ti.com/product/ADS1252](http://www.ti.com/product/ADS1252))

—

ResolutionPlus

24-

Bit,

40kHz

Analog-
to-
Digital
Converter
ADS1253

(//www.ti.com/product/ADS1253)

—

24-
Bit,
20-
kSPS,
4-
Ch,
single-
supply
delta-
sigma
ADC

ADS1254

(//www.ti.com/product/ADS1254)

—

24-
Bit,
20-
kSPS,
4-
Ch
delta-
sigma
ADC
with

separate
AVDD

and
DVDD

ADS1255

(//www.ti.com/product/ADS1255)

—

24-
Bit,
30kSPS,
Very-
Low-

Noise

Delta-

Sigma

ADC

ADS1256

(//www.ti.com/product/ADS1256)

—

24-

Bit,

30kSPS,

8-

Ch

Delta-

Sigma

ADC

With

PGA

for

Factory

Automation

and

Process

Control

ADS1257

(//www.ti.com/product/ADS1257)

—

24-

Bit,

30kSPS,

4-

Ch

Industrial

ADC

With

Integrated

PGA

ADS1258

(//www.ti.com/product/ADS1258)

—

24-

bit,

125kSPS,

16-

ch

delta-

sigma

ADC

with

fast

channel

scan

and

automatic

sequencer

ADS1258-

EP

([//www.ti.com/product/ADS1258-](http://www.ti.com/product/ADS1258-EP)

EP)

—

Enhanced

product

16-

channel

24-

bit

analog-

to-

digital

converter

(ADC)

ADS1259

([//www.ti.com/product/ADS1259\)](http://www.ti.com/product/ADS1259)

—

24-

bit,

14.4kSPS,

1-

ch

delta-

sigma

ADC

with

low-

drift

voltage

reference

for

factory

automation

ADS1259-

Q1

(//www.ti.com/product/ADS1259-

Q1)

—

Automotive,

24-

bit,

14.4kSPS,

1-

ch

delta-

sigma

ADC

w/

low-

drift

Vref

for

high-

dynamic

range

systems

ADS125H01

(//www.ti.com/product/ADS125H01)

—

24-

bit,

40-

kSPS,

1-

ch

delta-

sigma

ADC

with

low-

noise

PGA

and

±20-

V

input

ADS125H02

(//www.ti.com/product/ADS125H02)

—

24-

bit,

40-

kSPS,

2-

ch

delta-

sigma

ADC

with

±20-

V

input,

PGA,

IDACs,

GPIOs

and

VREF

ADS1260

(//www.ti.com/product/ADS1260)

—

24-

bit,

40-

kSPS,

5-

ch

delta-

sigma

ADC

with

PGA,

VREF

and

IDACs

for

factory

automation

ADS1260-

Q1

(//www.ti.com/product/ADS1260-

Q1)

—

Automotive

24-

bit,

40-

kSPS,

5-

ch

delta-

sigma

ADC

with

PGA,

VREF

and

IDACs

ADS1261

(//www.ti.com/product/ADS1261)

—

24-

bit,

40-

kSPS,

10-

ch

delta-

sigma

ADC

with

PGA,

VREF,

IDACs

&

AC

excitation

for

factory

automation

ADS1261-

Q1

(//www.ti.com/product/ADS1261-

Q1)

—

Automotive

24-

bit,

40-

kSPS,

10-

ch,

delta-

sigma

ADC

with

PGA,

VREF,

IDACs

and

AC

excitation

ADS1262

(//www.ti.com/product/ADS1262)

—

32-

bit

38-

kSPS

10-

ch

delta-

sigma

ADC

with

PGA

and

voltage

reference

for

factory

automation

ADS1263

[\(\[//www.ti.com/product/ADS1263\]\(http://www.ti.com/product/ADS1263\)\)](http://www.ti.com/product/ADS1263)

—

32-

bit

38-

kSPS

10-

ch

delta-

sigma

ADC

with

PGA,

VREF

and

auxiliary

ADC

for

factory

automation

[ADS1271](http://www.ti.com/product/ADS1271)

[\(\[//www.ti.com/product/ADS1271\]\(http://www.ti.com/product/ADS1271\)\)](http://www.ti.com/product/ADS1271)

—

24-

Bit,

105kSPS,

1-

Ch

Delta-

Sigma

ADC

for

Wide

Bandwidth

Applications

[ADS1274](http://www.ti.com/product/ADS1274)

[\(\[//www.ti.com/product/ADS1274\]\(http://www.ti.com/product/ADS1274\)\)](http://www.ti.com/product/ADS1274)

—

24-

Bit,

144kSPS,

4-

Ch

Simultaneous-
Sampling
Delta-
Sigma
ADC
for
Wide
Bandwidth
Applications
ADS1278
(//www.ti.com/product/ADS1278)

—
24-
Bit,
144kSPS,
8-
Ch
Simultaneous-
Sampling
Delta-
Sigma
ADC
for
Wide
Bandwidth
Applications
ADS1278-
EP
(//www.ti.com/product/ADS1278-
EP)

—
Enhanced
Product
Octal,
144kHz,
Simultaneous
Sampling
24-
Bit
Delta
Sigma
ADC
ADS1278-

HT

(//www.ti.com/product/ADS1278-

HT)

—

High-

Temperature

Quad/Octal,

Simultaneous-

Sampling,

24-

Bit

Analog-

to-

Digital

Converter

ADS1278-

SP

(//www.ti.com/product/ADS1278-

SP)

—

Radiation

Hardened

24-

Bit

8-

Ch

Simultaneous-

Sampling

Delta-

Sigma

ADC

ADS127L01

(//www.ti.com/product/ADS127L01)

—

24-

Bit,

512kSPS,

1-

Ch,

Very-

Low-

Power,

Wide-

Bandwidth

Delta-

Sigma

ADC

ADS127L11

(//www.ti.com/product/ADS127L11)

—

24-

bit,

400-

kSPS,

delta-

sigma

ADC

with

easy-

to-

drive

inputs

and

wideband

or

low-

latency

filters

ADS127L21

(//www.ti.com/product/ADS127L21)

—

24-

bit,

512-

kSPS

wide-

bandwidth

delta-

sigma

ADC

with

programmable

IIR

and

FIR

filters

ADS1281

(//www.ti.com/product/ADS1281)

—

Ultra-

high-

resolution

4-

kSPS

1-

channel

delta-

sigma

ADC

for

seismic

and

energy

exploration

ADS1282

(//www.ti.com/product/ADS1282)

—

Ultra-

high-

resolution

4-

kSPS

2-

channel

delta-

sigma

ADC

with

PGA

for

seismic

and

energy

exploration

ADS1282-

SP

(//www.ti.com/product/ADS1282-

SP)

—

High-
resolution
analog-
to-
digital
converter
(ADC)

ADS1283

([//www.ti.com/product/ADS1283](http://www.ti.com/product/ADS1283))

—

Ultra-
high-
resolution
4-
kSPS
2-
ch
delta-
sigma
ADC

with
PGA
for
seismic
and
energy
exploration

ADS1284

([//www.ti.com/product/ADS1284](http://www.ti.com/product/ADS1284))

—

Ultra-
high-
resolution
4-
kSPS
2-
ch
ADC

w/
PGA
and
low-
power

mode

for

seismic

and

geospace

exploration

ADS1285

([//www.ti.com/product/ADS1285](http://www.ti.com/product/ADS1285))

—

32-

bit high-

resolution

two-

channel

delta-

sigma

ADC

for

seismic

and

geospace

exploration

ADS1286

([//www.ti.com/product/ADS1286](http://www.ti.com/product/ADS1286))

—

12-

bit

micropower

sampling

analog-

to-

digital

converter

(ADC)

ADS1287

([//www.ti.com/product/ADS1287](http://www.ti.com/product/ADS1287))

—

Low-

power

1-

kSPS

1-

ch

delta-

sigma

ADC

with

PGA

for

seismic

and

energy

exploration

ADS1287D

([//www.ti.com/product/ADS1287D](http://www.ti.com/product/ADS1287D))

—

Low-

power

1-

kSPS

2-

ch

(simultaneous)

delta-

sigma

ADC

with

PGA

for

seismic

and

energy

exploration

ADS130B02-

Q1

([//www.ti.com/product/ADS130B02-](http://www.ti.com/product/ADS130B02-Q1)

Q1)

—

Automotive

16-

bit,

32-

kSPS,

two-

channel,

simultaneous-

sampling,

delta-

sigma

ADC

ADS130B04-

Q1

(//www.ti.com/product/ADS130B04-

Q1)

—

Automotive

16-

bit,

32-

kSPS,

four-

channel,

simultaneous-

sampling,

delta-

sigma

ADC

ADS130E08

(//www.ti.com/product/ADS130E08)

—

Low-

Cost,

8-

Channel,

Integrated

Analog

Front-

End

for

Metering

Applications

ADS131A02

(//www.ti.com/product/ADS131A02)

—

24-

bit

128-

kSPS

2-

channel

simultaneous-

sampling

delta-

sigma

ADC

ADS131A04

(//www.ti.com/product/ADS131A04)

—

24-

bit

128-

kSPS

4-

channel

simultaneous-

sampling

delta-

sigma

ADC

ADS131B02-

Q1

(//www.ti.com/product/ADS131B02-

Q1)

—

Automotive

24-

bit,

32-

kSPS,

two-

channel,

simultaneous-

sampling,

delta-

sigma

ADC

ADS131B04-

Q1

(//www.ti.com/product/ADS131B04-

Q1)

—

Automotive

24-

bit,

32-

kSPS,

four-

channel,

simultaneous-

sampling,

delta-

sigma

ADC

ADS131B23

([//www.ti.com/product/ADS131B23](http://www.ti.com/product/ADS131B23))

—

3

ADC

channel,

SPI,

high-

voltage

battery

pack

monitor

for

current

and

voltage

sensing

ADS131B23-

Q1

([//www.ti.com/product/ADS131B23-](http://www.ti.com/product/ADS131B23-Q1)

Q1)

—

Automotive

high-

voltage

battery-

pack

monitor

with

three

ADC

channels

for

current

and

voltage

sensing

ADS131B24-

Q1

(//www.ti.com/product/ADS131B24-

Q1)

—

Automotive

high-

voltage

battery-

pack

monitor

with

four

ADC

channels

for

current

and

voltage

sensing

ADS131B26-

Q1

(//www.ti.com/product/ADS131B26-

Q1)

—

Automotive

high-

voltage

battery-

pack

monitor

with

six

ADC

channels

for

current

and

voltage

sensing

ADS131E04

(//www.ti.com/product/ADS131E04)

—

24-

bit

64-

kSPS

4-

channel

simultaneous-

sampling

delta-

sigma

ADC

for

power

monitoring

and

protection

ADS131E06

(//www.ti.com/product/ADS131E06)

—

24-

bit

64-

kSPS

6-

channel

simultaneous-

sampling

delta-

sigma

ADC

for

power

monitoring

and

protection

ADS131E08

(//www.ti.com/product/ADS131E08)

—

24-

bit

64-

kSPS

8-

channel

simultaneous-

sampling

delta-

sigma

ADC

for

power

monitoring

and

protection

ADS131E08S

(//www.ti.com/product/ADS131E08S)

—

24-

bit

64-

kSPS

8-

ch

simultaneous

delta-

sigma

ADC

with

fast

start-

up

for

monitoring

and

protection

ADS131M02

(//www.ti.com/product/ADS131M02)

—

Two-

channel,

24-

bit,

64-

kSPS,

simultaneous-

sampling,

delta-

sigma

ADC

ADS131M02-

Q1

(//www.ti.com/product/ADS131M02-

Q1)

—

Automotive,

two-

channel,

24-

bit,

64-

kSPS

simultaneous-

sampling

delta-

sigma

ADC

ADS131M03

(//www.ti.com/product/ADS131M03)

—

Three-

channel,

24-

bit,

64-

kSPS,

simultaneous-

sampling,

delta-

sigma

ADC

ADS131M03-

Q1

(//www.ti.com/product/ADS131M03-

Q1)

—

Automotive,

three-

channel,

24-

bit,

64-

kSPS,

simultaneous-

sampling,

delta-

sigma

ADC

ADS131M04

([//www.ti.com/product/ADS131M04](http://www.ti.com/product/ADS131M04))

—

Four-

channel,

24-

bit,

64-

kSPS,

simultaneous-

sampling,

delta-

sigma

ADC

ADS131M04-

Q1

([//www.ti.com/product/ADS131M04-](http://www.ti.com/product/ADS131M04-Q1)

Q1)

—

Automotive,

four-

channel,

24-

bit,

64-

kSPS

simultaneous-

sampling

delta-

sigma

ADC

ADS131M06

(//www.ti.com/product/ADS131M06)

—

Six-

channel,

24-

bit,

32-

kSPS,

simultaneous-

sampling,

delta-

sigma

ADC

ADS131M06-

Q1

(//www.ti.com/product/ADS131M06-

Q1)

—

Automotive,

six-

channel,

24-

bit,

32-

kSPS

simultaneous-

sampling

delta-

sigma

ADC

ADS131M08

(//www.ti.com/product/ADS131M08)

—

24-

bit,

32-

kSPS,

8-

channel,

simultaneous-

sampling,

delta-

sigma

ADC

ADS131M08-

Q1

(//www.ti.com/product/ADS131M08-

Q1)

—

Automotive,

eight-

channel,

24-

bit,

32-

kSPS

simultaneous-

sampling

delta-

sigma

ADC

ADS1601

(//www.ti.com/product/ADS1601)

—

16-

Bit,

1.25MSPS,

High

Speed

and

High

Precision

Delta

Sigma

ADC

ADS1602

(//www.ti.com/product/ADS1602)

—

16-

Bit,

2.5MSPS

Analog-

to-

Digital

Converter

ADS1605

(//www.ti.com/product/ADS1605)

—

16-

bit,

5

MSPS

Delta-

Sigma,

Analog-

to-

Digital

Converter

ADS1606

(//www.ti.com/product/ADS1606)

—

16

Bit,

5MSPS

Single

Channel

Delta-

Sigma

ADC

Single

with

FIFO

ADS1610

(//www.ti.com/product/ADS1610)

—

16-

Bit,

10MSPS

Delta-

Sigma

Analog-

to-

Digital

Converter

ADS1625

(//www.ti.com/product/ADS1625)

—

18

Bit,

1.25MSPS

Single

Channel

Delta-

Sigma

ADC

ADS1626

([//www.ti.com/product/ADS1626](http://www.ti.com/product/ADS1626))

—

18

Bit,

1.25MSPS

Single

Channel

Delta-

Sigma

ADC

Single

with

an

adjustable

FIFO

ADS1672

([//www.ti.com/product/ADS1672](http://www.ti.com/product/ADS1672))

—

High

Speed

High

Resolution

625kSPS

24

bit

Delta

Sigma

ADC

ADS1675

([//www.ti.com/product/ADS1675](http://www.ti.com/product/ADS1675))

—

4MSPS,

24-

Bit

Analog-

to-

Digital

Converter

ADS7028

([//www.ti.com/product/ADS7028](http://www.ti.com/product/ADS7028))

—

Small

8-

channel

12-

bit

analog-

to-

digital

converter

(ADC)

with

SPI,

GPIOs

and

CRC

ADS7029-

Q1

([//www.ti.com/product/ADS7029-](http://www.ti.com/product/ADS7029-Q1)

Q1)

—

Ultra-

Low-

Power

Ultra-

Small-

Size

8-

Bit

2MSPS

SAR

ADC

ADS7038

([//www.ti.com/product/ADS7038](http://www.ti.com/product/ADS7038))

—

8-

channel,

1-

MSPS,

12-

bit

analog-

to-

digital

converter

(ADC)

with

SPI,

GPIOs

and

CRC

ADS7038-

Q1

([//www.ti.com/product/ADS7038-](http://www.ti.com/product/ADS7038-Q1)

Q1)

—

Automotive,

8-

channel,

1-

MSPS,

12-

bit

analog-

to-

digital

converter

(ADC)

with

SPI,

GPIOs

and

CRC

ADS7039-

Q1

([//www.ti.com/product/ADS7039-](http://www.ti.com/product/ADS7039-Q1)

Q1)

—

Ultra-

Low-

Power

Ultra-

Small-

Size

10-

Bit

2MSPS

SAR

ADC

ADS7040

([//www.ti.com/product/ADS7040](http://www.ti.com/product/ADS7040))

—

Ultra-

low-

power,

ultra-

small-

size

SAR

ADC,

8

bit,

1

MSPS,

single

ended

ADS7041

([//www.ti.com/product/ADS7041](http://www.ti.com/product/ADS7041))

—

Ultra-

low

power

and

ultra-

small

size

SAR

ADC,

10

bit,

1

MSPS,

single

ended

ADS7042

(//www.ti.com/product/ADS7042)

—

12-

Bit

1MSPS

Ultra-

Low-

Power

Ultra-

Small-

Size

SAR

ADC

With

SPI

Interface

ADS7043

(//www.ti.com/product/ADS7043)

—

Ultra-

Low-

Power

Ultra-

Small-

Size

SAR

ADC

|

12

Bit

|

1MSPS

|

Pseudo

Differential

ADS7044

(//www.ti.com/product/ADS7044)

—

Ultra-

Low-

Power

Ultra-

Small-

Size

SAR

ADC

|

12

Bit

|

1MSPS

|

Fully

Differential

ADS7046

([//www.ti.com/product/ADS7046](http://www.ti.com/product/ADS7046))

—

12-

Bit,

3MSPS,

Single-

Ended

Input,

Small-

Size

Low-

Power

SAR

ADC

ADS7047

([//www.ti.com/product/ADS7047](http://www.ti.com/product/ADS7047))

—

12-

Bit,

3MSPS,

Differential

Input,

Small-

Size

Low-

Power

SAR

ADC

ADS7049-

Q1

(//www.ti.com/product/ADS7049-

Q1)

—

Ultra-

Low-

Power

Ultra-

Small-

Size

12-

Bit

2MSPS

SAR

ADC

ADS7052

(//www.ti.com/product/ADS7052)

—

14-

Bit,

1MSPS,

Single-

Ended

Input,

Small-

Size

Low-

Power

SAR

ADC

ADS7054

(//www.ti.com/product/ADS7054)

—

14-

Bit,

1MSPS,

Differential

Input,

Small-

Size

Low-

Power

SAR

ADC

ADS7056

(//www.ti.com/product/ADS7056)

—

14-

bit

2.5-

MSPS

ultra-

low-

power

ultra-

small-

size

SAR

ADC

with

SPI

ADS7057

(//www.ti.com/product/ADS7057)

—

14-

Bit,

2.5MSPS,

Differential

Input,

Small-

Size

Low-

Power

SAR

ADC

ADS7066

(//www.ti.com/product/ADS7066)

—

Eight-

channel,

250-

kSPS,

16-

bit

analog-

to-

digital
converter
with
internal
reference,
GPIOs
and
SPI

ADS7067

([//www.ti.com/product/ADS7067](http://www.ti.com/product/ADS7067))

—

Eight-
channel,
800-
kSPS,
16-
bit
SAR
analog-
to-
digital
converter
(ADC)
with
GPIOs
and
SPI

ADS7128

([//www.ti.com/product/ADS7128](http://www.ti.com/product/ADS7128))

—

Small
8-
ch
12-
bit
analog-
to-
digital
converter
(ADC)
with
I2C
interface,

GPIOs,

CRC

and

RMS

module

ADS7138

([//www.ti.com/product/ADS7138](http://www.ti.com/product/ADS7138))

—

8-

channel,

140-

kSPS,

12-

bit

analog-

to-

digital

converter

(ADC)

with

I2C,

GPIOs

and

CRC

ADS7138-

Q1

([//www.ti.com/product/ADS7138-](http://www.ti.com/product/ADS7138-Q1)

Q1)

—

Automotive,

8-

channel,

140-

kSPS,

12-

bit

analog-

to-

digital

converter

(ADC)

with

I2C,

GPIOs

and

CRC

ADS7142

([//www.ti.com/product/ADS7142](http://www.ti.com/product/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

([//www.ti.com/product/ADS7142-](http://www.ti.com/product/ADS7142-Q1)

Q1)

—

Automotive

2-

channel

12-

bit

140-

kSPS

I2C-

compatible

ADC

with

programmable

threshold

and

host

wake-

up

ADS7223

(//www.ti.com/product/ADS7223)

—

12-

bit

1MSPS

4x2/2x2

Simultaneous

Sampling

SAR

ADC

ADS7229

(//www.ti.com/product/ADS7229)

—

12-

Bit,

1-

MSPS,

1-

ch

SAR

ADC

w/

single-

ended

inputs

ADS7230

(//www.ti.com/product/ADS7230)

—

Low-

power,

12-

bit,

2-

channel,

1-

MHz,

single/dual

unipolar

input,

ADCs

with

serial

interface

ADS7250

(//www.ti.com/product/ADS7250)

—

SAR

ADC,

Dual,

750

kSPS,

12

Bit,

Simultaneous

Sampling

ADS7251

(//www.ti.com/product/ADS7251)

—

SAR

ADC,

Dual,

2

MSPS,

12

Bit,

Simultaneous

Sampling

ADS7253

(//www.ti.com/product/ADS7253)

—

12

Bit,

1

MSPS,

Dual,

Simultaneous

Sampling

Single

Ended

/

Pseudo-

Differential

SAR

ADC

ADS7254

(//www.ti.com/product/ADS7254)

—

12

Bit,

1

MSPS,

Dual,

Simultaneous

Sampling

Differential

SAR

ADC

ADS7263

(//www.ti.com/product/ADS7263)

—

14-

bit

1MSPS

4x2/2x2

Simultaneous

Sampling

SAR

ADC

ADS7279

(//www.ti.com/product/ADS7279)

—

Low-

Power,

14-

Bit,

1-

MHz,

Single

Unipolar

Input,

ADC

with

Serial

Interface

ADS7280

(//www.ti.com/product/ADS7280)

—

Low-

Power,

14-

Bit,

1-

MHz,

Dual

Unipolar

Input,

ADC

with

Serial

Interface

ADS774

(//www.ti.com/product/ADS774)

—

Microprocessor-

Compatible

Sampling

CMOS

A/D

Converter

ADS774H

(//www.ti.com/product/ADS774H)

—

Microprocessor-

Compatible

Sampling

CMS

Analog-

to-

Digital

Converter

ADS7800

(//www.ti.com/product/ADS7800)

—

12-

Bit

3us

Sampling

Analog-

to-

Digital

Converter

ADS7804

(//www.ti.com/product/ADS7804)

—

12-

Bit

10us

Sampling

CMOS

Analog-

to-

Digital

Converter

ADS7805

(//www.ti.com/product/ADS7805)

—

16-

Bit

10us

Sampling

CMOS

Analog-

to-

Digital

Converter

ADS7806

(//www.ti.com/product/ADS7806)

—

Low-

Power

12-

Bit

Sampling

CMOS

Analog-

to-

Digital

Converter

ADS7807

(//www.ti.com/product/ADS7807)

—

Low-
Power
16-
Bit
Sampling
CMOS
Analog-
to-
Digital
Converter

ADS7808

(//www.ti.com/product/ADS7808)

—

12-
bit
10-
 μ s
serial
CMOS-
sampling
analog-
to-
digital
converter
(ADC)

ADS7809

(//www.ti.com/product/ADS7809)

—

16-
Bit
10 μ s
Serial
CMOS
Sampling
Analog-
to-
Digital
Converter

ADS7811

(//www.ti.com/product/ADS7811)

—

16-

Bit,

250-

kSPS,

1-

Ch

SAR

ADC

with

single-

ended

input

ADS7812

([//www.ti.com/product/ADS7812](http://www.ti.com/product/ADS7812))

—

Low-

Power,

Serial

12-

Bit

Sampling

Analog-

To-

Digital

Converter

ADS7813

([//www.ti.com/product/ADS7813](http://www.ti.com/product/ADS7813))

—

Low-

Power,

Serial

16-

Bit

Sampling

Analog-

To-

Digital

Converter

ADS7815

([//www.ti.com/product/ADS7815](http://www.ti.com/product/ADS7815))

—

16-

Bit,
250-
kSPS,
1-
Ch

SAR
ADC
with
single-
ended
input

ADS7816

([//www.ti.com/product/ADS7816](http://www.ti.com/product/ADS7816))

—

12-
bit
high-
speed
micropower
sampling
analog-
to-
digital
converter
(ADC)

ADS7817

([//www.ti.com/product/ADS7817](http://www.ti.com/product/ADS7817))

—

12-
Bit
Differential
Input
Micro
Power
Sampling
Analog-
to-
Digital
Converter

ADS7818

([//www.ti.com/product/ADS7818](http://www.ti.com/product/ADS7818))

—

12-

Bit

High

Speed

Low

Power

Sampling

Analog-

to-

Digital

Converter

with

5V

input

range

ADS7822

(//www.ti.com/product/ADS7822)

—

12-

Bit,

200kSPS

Micro

Power

Sampling

Analog-

To-

Digital

Converter

ADS7822-

Q1

(//www.ti.com/product/ADS7822-

Q1)

—

Automotive

12-

Bit,

200kSPS

Micro

Power

Sampling

Analog-

To-

Digital

Converter

ADS7823

(//www.ti.com/product/ADS7823)

—

12-

Bit

Low

Power,I2C

Serial,

Sampling

Analog-

To-

Digital

Converter

ADS7824

(//www.ti.com/product/ADS7824)

—

4-

Channel,

12-

Bit

Sampling

CMOS

A/D

Converter

ADS7825

(//www.ti.com/product/ADS7825)

—

4

Channel,

16-

Bit

Sampling

CMOS

A/D

Converter

ADS7826

(//www.ti.com/product/ADS7826)

—

5.25V-

2.7V,

10

bit,

200KSPS,

Synchronous

Serial

ADC

ADS7827

(//www.ti.com/product/ADS7827)

—

5.25V-

2.7V,

8

bit,

250KSPS,

Synchronous

Serial

ADC

ADS7828

(//www.ti.com/product/ADS7828)

—

12-

Bit,

8-

Channel

SAR

ADC

with

Internal

Reference

and

I2C

Interface

ADS7828-

Q1

(//www.ti.com/product/ADS7828-

Q1)

—

Automotive

12-

Bit

50

kSPS

ADC

I2C

Low

Power

8-

Channel

MUX

Int

2.5V

Ref

ADS7829

(//www.ti.com/product/ADS7829)

—

12-

Bit

High

Speed

2.7V

microPower

Sampling

Analog-

to-

Digital

Converter

ADS7830

(//www.ti.com/product/ADS7830)

—

8-

Bit,

8-

Channel

Sampling

A/D

Converter

with

I2C

Interface

ADS7834

(//www.ti.com/product/ADS7834)

—

12-

Bit

High

Speed

Low

Power

Sampling

Analog-
to-
Digital
Converter
with
2.5V
input
range
ADS7835

(//www.ti.com/product/ADS7835)

—

12-
Bit,
High-
Speed,
Low
Power
Sampling
Analog-
to-
Digital
Converter
ADS7841

(//www.ti.com/product/ADS7841)

—

12-
bit
4-
channel
serial
output
sampling
analog-
to-
digital
converter
(ADC)
ADS7841-
Q1

(//www.ti.com/product/ADS7841-
Q1)

—

Automotive

12-

bit

4-

channel

serial

output

sampling

analog-

to-

digital

converter

(ADC)

ADS7842

([//www.ti.com/product/ADS7842](http://www.ti.com/product/ADS7842))

—

12-

Bit,

4-

Channel

Parallel

Output

Sampling

Analog-

to-

Digital

Converter

ADS7844

([//www.ti.com/product/ADS7844](http://www.ti.com/product/ADS7844))

—

12-

Bit,

8-

Channel

Serial

Output

Sampling

Analog-

To-

Digital

Converter

ADS7850

([//www.ti.com/product/ADS7850](http://www.ti.com/product/ADS7850))

—

SAR

ADC,

Dual,

750

kSPS,

14

Bit,

Simultaneous

Sampling

ADS7851

([//www.ti.com/product/ADS7851](http://www.ti.com/product/ADS7851))

—

SAR

ADC,

Dual,

1.5

MSPS,

14

Bit,

Simultaneous

Sampling

ADS7852

([//www.ti.com/product/ADS7852](http://www.ti.com/product/ADS7852))

—

12-

Bit,

8-

Channel,

Parallel

Output

Analog-

to-

Digital

Converter

ADS7853

([//www.ti.com/product/ADS7853](http://www.ti.com/product/ADS7853))

—

SAR

ADC,

dual,

single-

ended

input,

1

MSPS,

14-

bit,

simultaneous

sampling

ADS7854

(//www.ti.com/product/ADS7854)

—

SAR

ADC,

dual,

differential

input,

1

MSPS,

14-

bit,

simultaneous

sampling

ADS7861

(//www.ti.com/product/ADS7861)

—

Dual,

500kHz,

12-

Bit,

2+2

Ch,

Simultaneous

Sampling

Analog-

To-

Digital

Converter

ADS7862

(//www.ti.com/product/ADS7862)

—

Dual

500kHz,

12-

Bit,

2+2

Ch

Simultaneous

Sampling

Analog-

To-

Digital

Converter

ADS7863

(//www.ti.com/product/ADS7863)

—

Dual,

2MSPS,

12-

Bit,

3+3

or

2+2

Channel,

Simultaneous

Sampling

Analog-

To-

Digital

SAR

Converter

ADS7863A

(//www.ti.com/product/ADS7863A)

—

Dual,

2MSPS,

12-

Bit,

2+2

or

3+3

Channel,

Simultaneous

Sampling

SAR

ADC

ADS7864

(//www.ti.com/product/ADS7864)

—

500kHz,

12-

Bit,

6-

Channel

Simultaneous

Sampling

Analog-

To-

Digital

Converter

ADS7865

(//www.ti.com/product/ADS7865)

—

Dual,

2MSPS,

12-

Bit,

3+3

or

2+2

Channel,

Simultaneous

Sampling

ADC

ADS7866

(//www.ti.com/product/ADS7866)

—

1.2V,

12

Bit

200KSPS,

Serial

ADC

ADS7867

(//www.ti.com/product/ADS7867)

—

1.2V,

10

bit

240KSPS,

Serial

ADC

ADS7868

[\(\[//www.ti.com/product/ADS7868\]\(http://www.ti.com/product/ADS7868\)\)](http://www.ti.com/product/ADS7868)

—

1.2V,

8

bit

280KSPS,

Serial

ADC

ADS7869

[\(\[//www.ti.com/product/ADS7869\]\(http://www.ti.com/product/ADS7869\)\)](http://www.ti.com/product/ADS7869)

—

12-

Ch

7

Simultaneous

Sampling,

Analog

Motor

Control

Front

End

w/3

1MSPS,

12-

Bit

ADCs

ADS7870

[\(\[//www.ti.com/product/ADS7870\]\(http://www.ti.com/product/ADS7870\)\)](http://www.ti.com/product/ADS7870)

—

12-

Bit

ADC,

MUX,

PGA

and

Internal

Reference

Data

Acquisition

System

ADS7871

[\(\[//www.ti.com/product/ADS7871\]\(http://www.ti.com/product/ADS7871\)\)](http://www.ti.com/product/ADS7871)

—

14-

Bit

48KSPS

DAS

with

ADC,

MUX,

PGA

and

Internal

Reference

ADS7881

([//www.ti.com/product/ADS7881](http://www.ti.com/product/ADS7881))

—

2.7V-

5.25V

Digital,

5V

Analog,

12

Bit,

4MSPS,

Parallel

ADC

with

Ref

ADS7882

([//www.ti.com/product/ADS7882](http://www.ti.com/product/ADS7882))

—

2.7V-

5.25V

Digital,

5V

Analog,

12

Bit,

3MSPS,

Parallel

ADC

with

Ref

ADS7883

[\(//www.ti.com/product/ADS7883\)](http://www.ti.com/product/ADS7883)

—

2.7V-

5.5V,

12

bit,

3MSPS,

Serial

ADC

[ADS7884](http://www.ti.com/product/ADS7884)

[\(//www.ti.com/product/ADS7884\)](http://www.ti.com/product/ADS7884)

—

2.7V-

5.5V,

10

Bit,

3MSPS,

Serial

ADC

[ADS7885](http://www.ti.com/product/ADS7885)

[\(//www.ti.com/product/ADS7885\)](http://www.ti.com/product/ADS7885)

—

2.7V-

5.5V,

8

Bit,

3MSPS,

Serial

ADC

[ADS7886](http://www.ti.com/product/ADS7886)

[\(//www.ti.com/product/ADS7886\)](http://www.ti.com/product/ADS7886)

—

2.35V-

5.25V,

12

bit,

1MSPS,

Serial

ADC

[ADS7887](http://www.ti.com/product/ADS7887)

[\(//www.ti.com/product/ADS7887\)](http://www.ti.com/product/ADS7887)

—

2.35V-

5.25V,

10

Bit,

1.25MSPS,

Serial

ADC

ADS7888

(//www.ti.com/product/ADS7888)

—

2.35V-

5.25V,

8

Bit,

1.25MSPS,

Serial

ADC

ADS7890

(//www.ti.com/product/ADS7890)

—

14-

Bit,

1.25MSPS,

1-

Ch

SAR

ADC

with

Serial

Interface

and

Internal

Voltage

Reference

ADS7891

(//www.ti.com/product/ADS7891)

—

2.7-

V

to

5.25-

V

digital,

5-

V

analog,

14-

bit

3-

MSPS

parallel

ADC

with

internal

reference

ADS7924

([//www.ti.com/product/ADS7924](http://www.ti.com/product/ADS7924))

—

12-

Bit

4-

Ch

MUX-

Input

SAR

ADC

With

Intelligent

System

Power

Control

ADS7945

([//www.ti.com/product/ADS7945](http://www.ti.com/product/ADS7945))

—

14-

Bit,

2MSPS,

Dual-

Channel,

Unipolar,

Differential,

u-

Power

SAR

ADC

ADS7946

([//www.ti.com/product/ADS7946](http://www.ti.com/product/ADS7946))

—

14-

Bit,

2MSPS,

Dual-

Channel,

Unipolar,

Pseudo-

Differential,

u-

Power

SAR

ADC

ADS7947

(//www.ti.com/product/ADS7947)

—

12-

Bit,

2

MSPS,

Dual

Channel,

Pseudo-

differential

uPower

Serial

SAR

ADC

ADS7948

(//www.ti.com/product/ADS7948)

—

10-

Bit,

2

MSPS,

Dual

Channel,

Pseudo-

differential

uPower

Serial

SAR

ADC

ADS7949

<http://www.ti.com/product/ADS7949>

—

8-

Bit,

2

MSPS,

Dual

Channel,

Pseudo-

differential,

uPower

Serial

SAR

ADC

ADS7950

<http://www.ti.com/product/ADS7950>

—

12

bit,

1

MSPS,

4

ch,

single

ended,

micro

power,

sr

i/f,

SAR

ADC

ADS7950-

Q1

[http://www.ti.com/product/ADS7950-](http://www.ti.com/product/ADS7950-Q1)

Q1)

—

Automotive,

12-

bit,

1-

MSPS,

4-

channel,

single-

ended

SAR

ADC

ADS7951

(//www.ti.com/product/ADS7951)

—

12

bit,

1

MSPS,

8

Channel,

Single-

Ended,

SAR

ADC

ADS7951-

Q1

(//www.ti.com/product/ADS7951-

Q1)

—

Automotive

12

bit,

1

MSPS,

8

Channel,

Single-

Ended,

SAR

ADC

ADS7952

(//www.ti.com/product/ADS7952)

—

12

bit,

1

MSPS,

12

Ch,

single

ended,

micro

power,

sr

i/f,

SAR

ADC

ADS7952-

Q1

(//www.ti.com/product/ADS7952-

Q1)

—

Automotive

12-

Bit,

1MSPS,

12-

Channel

Single-

Ended

Micropower,

Serial

Interface

ADC

ADS7953

(//www.ti.com/product/ADS7953)

—

12-

Bit,

1-

MSPS,

16-

Channel,

Single-

Ended,

microPower

SAR

ADC

with

Serial

I/F

ADS7953-

Q1

(//www.ti.com/product/ADS7953-

Q1)

—

Automotive

12-

Bit,

1MSPS,

16-

Channel

Single-

Ended

Micropower,

Serial

Interface

ADC

ADS7954

(//www.ti.com/product/ADS7954)

—

10

bit,

1

MSPS,

4

Ch,

Single

Ended,

Micro

Power,

sr

i/f,

SAR

ADC

ADS7954-

Q1

(//www.ti.com/product/ADS7954-

Q1)

—

Automotive

10

bit,

1

MSPS,

4

Channel,

Single-

Ended,

SAR

ADC

ADS7955

(//www.ti.com/product/ADS7955)

—

10

bit,

1

MSPS,

8

Ch,

Single

Ended,

Micro

Power,

sr

i/f,

SAR

ADC

ADS7955-

Q1

(//www.ti.com/product/ADS7955-

Q1)

—

Automotive

10

bit,

1

MSPS,

8

Channel,

Single-

Ended,

SAR

ADC

ADS7956

(//www.ti.com/product/ADS7956)

—

10

bit,

1

MSPS,

12

Ch,

Single

Ended,

Micro

Power,

sr

i/f,

SAR

ADC

ADS7956-

Q1

(//www.ti.com/product/ADS7956-

Q1)

—

Automotive

10-

Bit,

1MSPS,

12-

Channel

Single-

Ended

Micropower,

Serial

Interface

ADC

ADS7957

(//www.ti.com/product/ADS7957)

—

10

bit,

1

MSPS,

16

Ch,

Single

Ended,

Micro

Power,

sr

i/f,

SAR

ADC

ADS7957-

Q1

(//www.ti.com/product/ADS7957-

Q1)

—

Automotive

10-

Bit,

1MSPS,

16-

Channel

Single-

Ended

Micropower,

Serial

Interface

ADC

ADS7958

(//www.ti.com/product/ADS7958)

—

8

bit,

1

MSPS,

4

Channel,

Single-

Ended,

SAR

ADC

ADS7958-

Q1

(//www.ti.com/product/ADS7958-

Q1)

—

Automotive

8

bit,

1

MSPS,

4

Channel,

Single-

Ended,

SAR

ADC

ADS7959

(//www.ti.com/product/ADS7959)

—

8

bit,

1

MSPS,

8

Ch,

Single

Ended,

Micro

Power,

sr

i/f,

SAR

ADC

ADS7959-

Q1

(//www.ti.com/product/ADS7959-

Q1)

—

Automotive

8

bit,

1

MSPS,

8

Channel,

Single-

Ended,

SAR

ADC

ADS7960

(//www.ti.com/product/ADS7960)

—

8
Bit,
1
MSPS,
12
Ch,
Single
Ended,
Micro
Power,
sr
i/f,
SAR
ADC
ADS7960-
Q1
(//www.ti.com/product/ADS7960-
Q1)
—
Automotive
8
bit,
1
MSPS,
12
Channel,
Single-
Ended,
SAR
ADC
ADS7961
(//www.ti.com/product/ADS7961)
—
8
Bit,
1
MSPS,
16
Ch,
Single
Ended,
Micro
Power,

sr

i/f,

SAR

ADC

ADS7961-

Q1

(//www.ti.com/product/ADS7961-

Q1)

—

Automotive

8-

Bit,

1MSPS,

16-

Channel

Single-

Ended

Micropower,

Serial

Interface

ADC

ADS8028

(//www.ti.com/product/ADS8028)

—

12-

bit,

8-

channel,

1MSPS,

SAR

ADC

with

Internal

Reference

and

Internal

Temperature

Sensor

ADS8166

(//www.ti.com/product/ADS8166)

—

16-

bit,

250-

kSPS,

8-

ch

SAR

ADC

with

VREF,

VREF

buffer

and

direct

sensor

interface

ADS8167

(//www.ti.com/product/ADS8167)

—

16-

bit,

500-

kSPS,

8-

ch

SAR

ADC

with

VREF,

VREF

buffer

and

direct

sensor

interface

ADS8168

(//www.ti.com/product/ADS8168)

—

16-

bit,

1-

MSPS,

8-

ch

SAR

ADC

with

VREF,

VREF

buffer

and

direct

sensor

interface

ADS8201

([//www.ti.com/product/ADS8201](http://www.ti.com/product/ADS8201))

—

2.2V

to

5.5V,

Low-

Power,

12-

Bit,

100kSPS,

8-

Channel

DAS

with

PGA

and

SPI™

ADS8284

([//www.ti.com/product/ADS8284](http://www.ti.com/product/ADS8284))

—

18

bit,

1

MSPS,

4

channel,

Pseudo

bipolar,

differential

ADC

with

onboard

ADC

driver

OPA

ADS8317

(//www.ti.com/product/ADS8317)

—

16-

Bit,

Pseudo-

Bipolar,

Fully

Diff

Input,

250kSPS

Serial

Out,

2.7V-

to-

5.5V

Micropower

Sampling

ADC

ADS8318

(//www.ti.com/product/ADS8318)

—

16-

Bit,

Unipolar

Differential

Input,

500kSPS

Serial

Out,

4.5V-

to-

5.5V

Micropower

Sampling

ADC

ADS8319

(//www.ti.com/product/ADS8319)

—

Precision

16-

Bit

SAR

Analog-

to-

Digital

Converter

(ADC)

With

SPI

Interface

ADS8320

([//www.ti.com/product/ADS8320](http://www.ti.com/product/ADS8320))

—

16-

Bit,

High-

Speed,

2.7V-

to-

5V

Micropower

Sampling

Analog-

to-

Digital

Converter

(ADC)

ADS8320-

HT

([//www.ti.com/product/ADS8320-](http://www.ti.com/product/ADS8320-HT)

HT)

—

High-

Temperature

16-

bit,

high-

speed,

2.7

V-

to-

5

V

micropower

sampling

ADC

ADS8321

([//www.ti.com/product/ADS8321](http://www.ti.com/product/ADS8321))

—

16-

Bit,

High-

Speed,

Micropower

Sampling

Analog-

to-

Digital

Converter

(ADC)

ADS8322

([//www.ti.com/product/ADS8322](http://www.ti.com/product/ADS8322))

—

Unipolar,

16-

Bit,

500kSPS

CMOS

Analog-

to-

Digital

Converter

(ADC)

ADS8323

([//www.ti.com/product/ADS8323](http://www.ti.com/product/ADS8323))

—

Pseudo

Bipolar,

16-

Bit,

500kSPS

CMOS

Analog-

to-

Digital

Converter

ADS8324

[\(\[//www.ti.com/product/ADS8324\]\(http://www.ti.com/product/ADS8324\)\)](http://www.ti.com/product/ADS8324)

—

14-

Bit

50

kSPS

ADC

Ser.

Out,

1.8V

Operation

ADS8325

[\(\[//www.ti.com/product/ADS8325\]\(http://www.ti.com/product/ADS8325\)\)](http://www.ti.com/product/ADS8325)

—

16-

Bit,

100kSPS

Serial

Out,

2.7V-

to-

5.5V

Micropower

Sampling

ADC

ADS8326

[\(\[//www.ti.com/product/ADS8326\]\(http://www.ti.com/product/ADS8326\)\)](http://www.ti.com/product/ADS8326)

—

16-

Bit,

Pseudo-

Diff

Input,

250kSPS

Serial

Out,

2.7V-

to-

5.5V

Micropower

Sampling

ADC

ADS8327

[\(//www.ti.com/product/ADS8327\)](http://www.ti.com/product/ADS8327)

—

2.7V-

to-

5.5V

16-

Bit

500kSPS

Serial

Analog-

to-

Digital

Converter

(ADC)

ADS8328

[\(//www.ti.com/product/ADS8328\)](http://www.ti.com/product/ADS8328)

—

2.7V-

to-

5.5V

16-

Bit

500kSPS

Serial

ADC

With

2-

to-

1

Multiplexer

ADS8329

[\(//www.ti.com/product/ADS8329\)](http://www.ti.com/product/ADS8329)

—

2.7V-

to-

5.5V

16-

Bit

1MSPS

Serial

Analog-

to-

Digital

Converter

(ADC)

ADS8330

([//www.ti.com/product/ADS8330](http://www.ti.com/product/ADS8330))

—

2.7V-

to-

5.5V

16-

Bit

1MSPS

Serial

ADC

With

2-

to-

1

Multiplexer

ADS8331

([//www.ti.com/product/ADS8331](http://www.ti.com/product/ADS8331))

—

2.7V-

to-

5.5V

16-

Bit

500kSPS

Low-

Power

Serial

Analog-

to-

Digital

Converter

(ADC)

ADS8332

([//www.ti.com/product/ADS8332](http://www.ti.com/product/ADS8332))

—

2.7V-

to-

5.5V,

16-

Bit,
500kSPS
Low-
Power
Serial
ADC
With
8-
Ch
Multiplexer
and
Breakout

ADS8339

([//www.ti.com/product/ADS8339](http://www.ti.com/product/ADS8339))

—

16-
bit,
250-
kSPS,
serial-
interface
micropower,
miniature
SAR
ADC

ADS8341

([//www.ti.com/product/ADS8341](http://www.ti.com/product/ADS8341))

—

16-
Bit,
4-
Channel
Serial
Output
Sampling
Analog-
to-
Digital
Converter

(ADC)

ADS8342

([//www.ti.com/product/ADS8342](http://www.ti.com/product/ADS8342))

—

16-

Bit

250

kSPS

ADC

Parallel

Out,

4

true

bipolar

channels

ADS8343

([//www.ti.com/product/ADS8343](http://www.ti.com/product/ADS8343))

—

16-

Bit,

4-

Channel

Serial

Output

Sampling

Analog-

To-

Digital

Converter

ADS8344

([//www.ti.com/product/ADS8344](http://www.ti.com/product/ADS8344))

—

16-

Bit,

100-

kSPS,

8-

Ch

SAR

ADC

with

single-

ended

inputs

ADS8345

([//www.ti.com/product/ADS8345](http://www.ti.com/product/ADS8345))

—

16-

Bit,

100-

kSPS,

8-

Ch

SAR

ADC

with

fully

differential

inputs

ADS8350

([//www.ti.com/product/ADS8350](http://www.ti.com/product/ADS8350))

—

Dual

750kSPS

16-

Bit

Simultaneous-

Sampling

SAR

Analog-

to-

Digital

Converter

(ADC)

ADS8353

([//www.ti.com/product/ADS8353](http://www.ti.com/product/ADS8353))

—

16-

bit

600-

kSPS

2-

channel

simultaneous-

sampling

SAR

ADC

with

single-

ended

inputs

ADS8353-

Q1

(//www.ti.com/product/ADS8353-

Q1)

—

Automotive

16-

bit

600-

kSPS

2-

channel

simultaneous-

sampling

SAR

ADC

with

single-

ended

inputs

ADS8354

(//www.ti.com/product/ADS8354)

—

Dual

700kSPS

16-

Bit

Simultaneous-

Sampling

SAR

Analog-

to-

Digital

Converter

(ADC)

ADS8355

(//www.ti.com/product/ADS8355)

—

16-

bit

1-

MSPS

2-

channel

simultaneous-

sampling

SAR

ADC

with

single-

ended

inputs

ADS8361

([//www.ti.com/product/ADS8361](http://www.ti.com/product/ADS8361))

—

16-

Bit

500

kSPS

2

ADCs,

4ch,

serial

out

ADS8363

([//www.ti.com/product/ADS8363](http://www.ti.com/product/ADS8363))

—

16-

Bit,

1-

MSPS,

4x2/2x2

Simultaneous-

Sampling

SAR

ADC

ADS8364

([//www.ti.com/product/ADS8364](http://www.ti.com/product/ADS8364))

—

6-

Channel

16-

Bit

Simultaneous-

Sampling

SAR

ADC

With

250kSPS

for

Motor

and

Power

Control

ADS8365

([//www.ti.com/product/ADS8365](http://www.ti.com/product/ADS8365))

—

16-

Bit

250kSPS

6-

Ch

Simultaneous

Sampling

SAR

ADC

ADS8370

([//www.ti.com/product/ADS8370](http://www.ti.com/product/ADS8370))

—

16-

Bit

600KSPS

Serial

ADC

with

Ref

and

Unipolar

Pseudo

Diff

Input

ADS8371

([//www.ti.com/product/ADS8371](http://www.ti.com/product/ADS8371))

—

16-

Bit

750-

kHz

Unipolar

Input

Micro

Power

Sampling

ADC

Converter

w/Parallel

ADS8372

(//www.ti.com/product/ADS8372)

—

16-

Bit

600KSPS

Serial

ADC

with

Ref

and

Pseudo

Bipolar,

Fully

Differential

Input

ADS8380

(//www.ti.com/product/ADS8380)

—

18-

Bit

600KSPS

Serial

ADC

with

Ref

and

Unipolar

Pseudo

Diff

Input

ADS8381

(//www.ti.com/product/ADS8381)

—

18

Bit

580KSPS

parallel

ADC

ADS8382

(//www.ti.com/product/ADS8382)

—

18-

Bit

600KSPS

Serial

ADC

with

Ref

and

Pseudo

Bipolar,

Fully

Differential

Input

ADS8383

(//www.ti.com/product/ADS8383)

—

18

Bit

500KSPS

Parallel

ADC

ADS8405

(//www.ti.com/product/ADS8405)

—

16-

Bit

1.25

MSPS

Unipolar

Input

Micro

Power

Sampling

ADC

ADS8406

(//www.ti.com/product/ADS8406)

—

16-

Bit

1.25

MSPS,

Pseudo

Bipolar,

Fully

Differential

Input

Micro

Power

Sampling

ADC

ADS8411

([//www.ti.com/product/ADS8411](http://www.ti.com/product/ADS8411))

—

16-

Bit,

2MSPS

ADC

with

P8/P16

Parallel

Output,

Internal

Clock

&

Internal

Reference

ADS8412

([//www.ti.com/product/ADS8412](http://www.ti.com/product/ADS8412))

—

16-

Bit

2MSPS

Parallel

ADC

W/Ref,

Unipolar

Fully

Differential

Input

ADS8413

[\(\[//www.ti.com/product/ADS8413\]\(http://www.ti.com/product/ADS8413\)\)](http://www.ti.com/product/ADS8413)

—

16-

bit,

Unipolar

Diff

Input,

2MSPS

Sampling

rate,

4.75V

to

5.25V

ADC

with

LVDS

Serial

Interface

ADS8422

[\(\[//www.ti.com/product/ADS8422\]\(http://www.ti.com/product/ADS8422\)\)](http://www.ti.com/product/ADS8422)

—

16

Bit

4MSPS

Parallel

ADC

W/Ref,

Pseudo

Bipolar,

Fully

Differential

Input

ADS8471

[\(\[//www.ti.com/product/ADS8471\]\(http://www.ti.com/product/ADS8471\)\)](http://www.ti.com/product/ADS8471)

—

16-

bit

1-

MSPS

pseudo-

differential

SAR

ADC

with

reference

[ADS8472](#)

<http://www.ti.com/product/ADS8472>

—

16-

Bit

1MSPS

0.65

LSB

Max

INL

Precision

ADC

with

Parallel

Interface

and

Reference

[ADS8481](#)

<http://www.ti.com/product/ADS8481>

—

18

Bit

1MSPS

parallel

ADC

W/Ref

[ADS8482](#)

<http://www.ti.com/product/ADS8482>

—

18

Bit

1MSPS

Parallel

ADC

W/Ref,

Pseudo

Bipolar,

Fully

Differential

Input

ADS8484

[\(\[//www.ti.com/product/ADS8484\]\(http://www.ti.com/product/ADS8484\)\)](http://www.ti.com/product/ADS8484)

—

18

Bit

1.25MSPS

Parallel

ADC

W/Ref,

Pseudo

Bipolar,

Fully

Differential

Input

ADS8504

[\(\[//www.ti.com/product/ADS8504\]\(http://www.ti.com/product/ADS8504\)\)](http://www.ti.com/product/ADS8504)

—

12-

Bit

250kHz

CMOS

Analog-

to-

Digital

Converter

With

Parallel

Interface

2.5V

Internal

Reference

ADS8505

[\(\[//www.ti.com/product/ADS8505\]\(http://www.ti.com/product/ADS8505\)\)](http://www.ti.com/product/ADS8505)

—

16-

Bit,

250-

kSPS,

1-

Ch

SAR

ADC

with

programmable

($\pm 10/\pm 5/\pm 3.3\text{V}$)

input

ranges

and

parallel

interface

ADS8506

([//www.ti.com/product/ADS8506](http://www.ti.com/product/ADS8506))

—

12-

Bit

40KSPS

Analog-

to-

Digital

Converter

With

Serial

Interface

and

Reference

Parallel

ADS8507

([//www.ti.com/product/ADS8507](http://www.ti.com/product/ADS8507))

—

16-

Bit

40KSPS

Analog-

to-

Digital

Converter

With

Internal

Reference

and

Parallel/Serial

Interface

ADS8508

([//www.ti.com/product/ADS8508](http://www.ti.com/product/ADS8508))

—

12-

Bit

250kHz

CMOS

Analog-

to-

Digital

Converter

With

Serial

Interface

2.5V

Internal

Reference

ADS8509

([//www.ti.com/product/ADS8509](http://www.ti.com/product/ADS8509))

—

16-

Bit,

250-

kSPS,

1-

Ch

SAR

ADC

with

programmable

($\pm 10/\pm 5/\pm 3.3\text{V}$)

input

ranges

and

SPI

interface

ADS8512

([//www.ti.com/product/ADS8512](http://www.ti.com/product/ADS8512))

—

12-

Bit

40kSPS

Low-

Power

Sampling

ADC

With

Internal
Reference
and
Serial
Interface

ADS8513

([//www.ti.com/product/ADS8513](http://www.ti.com/product/ADS8513))

—

16-

Bit

40kSPS

Low-

Power

Sampling

ADC

With

Internal

Reference

and

Parallel/Serial

Interface

ADS8515

([//www.ti.com/product/ADS8515](http://www.ti.com/product/ADS8515))

—

16-

Bit

250kHz

CMOS

Analog-

to-

Digital

Converter

With

Parallel

Interface

4.096V

Internal

Reference

ADS8517

([//www.ti.com/product/ADS8517](http://www.ti.com/product/ADS8517))

—

Low-

Power

16-

Bit

200kSPS

±10V

Bipolar

Input

SAR

ADC

With

S/P

Interface

ADS8519

([//www.ti.com/product/ADS8519](http://www.ti.com/product/ADS8519))

—

16-

Bit

250kHz

CMOS

Analog-

to-

Digital

Converter

With

Serial

Interface

4.096V

Internal

Reference

ADS8528

([//www.ti.com/product/ADS8528](http://www.ti.com/product/ADS8528))

—

12-

Bit

8-

Channel

Simultaneous-

Sampling

Bipolar-

Input

ADC

ADS8548

([//www.ti.com/product/ADS8548](http://www.ti.com/product/ADS8548))

—

14-

Bit

8-

Channel

Simultaneous-

Sampling

Bipolar-

Input

ADC

ADS8555

([//www.ti.com/product/ADS8555](http://www.ti.com/product/ADS8555))

—

630-

kSPS,

16-

bit,

six-

channel,

simultaneous-

sampling

analog-

to-

digital

converter

(ADC)

ADS8556

([//www.ti.com/product/ADS8556](http://www.ti.com/product/ADS8556))

—

630kSPS

6-

Channel

Simultaneous-

Sampling

ADC

ADS8557

([//www.ti.com/product/ADS8557](http://www.ti.com/product/ADS8557))

—

670kSPS

14-

Bit

6-

Channel

Simultaneous-

Sampling

ADC

ADS8558

(//www.ti.com/product/ADS8558)

—

730kSPS

12-

Bit

6-

Channel

Simultaneous-

Sampling

ADC

ADS8568

(//www.ti.com/product/ADS8568)

—

16-

bit,

8-

channel,

simultaneous-

sampling,

bipolar-

input,

SAR

analog-

to-

digital

converter

(ADC)

ADS8578S

(//www.ti.com/product/ADS8578S)

—

14-

Bit

High-

Speed

8-

Channel

Simultaneous-

Sampling

ADC

With

Bipolar

Inputs

on

a

Single

Supply

ADS8584S

([//www.ti.com/product/ADS8584S](http://www.ti.com/product/ADS8584S))

—

16-

Bit

High-

Speed

4-

Channel

Simultaneous-

Sampling

ADC

With

Bipolar

Inputs

on

a

Single

Supply

ADS8586S

([//www.ti.com/product/ADS8586S](http://www.ti.com/product/ADS8586S))

—

16-

Bit

High-

Speed

6-

Channel

Simultaneous-

Sampling

ADC

With

Bipolar

Inputs

on

a

Single

Supply

ADS8588H

(//www.ti.com/product/ADS8588H)

—

16-

Bit

500kSPS

8-

Channel

Simultaneous-

Sampling

ADC

With

Bipolar

Inputs

on

a

Single

Supply

ADS8588S

(//www.ti.com/product/ADS8588S)

—

16-

Bit

High-

Speed

8-

Channel

Simultaneous-

Sampling

ADC

With

Bipolar

Inputs

on

a

Single

Supply

ADS8598H

(//www.ti.com/product/ADS8598H)

—

18-

Bit

500kSPS

8-

Channel

Simultaneous-

Sampling

ADC

With

Bipolar

Inputs

on

a

Single

Supply

ADS8598S

([//www.ti.com/product/ADS8598S](http://www.ti.com/product/ADS8598S))

—

18-

Bit

200kSPS

8-

Channel

Simultaneous-

Sampling

ADC

With

Bipolar

Inputs

on

a

Single

Supply

ADS8634

([//www.ti.com/product/ADS8634](http://www.ti.com/product/ADS8634))

—

12-

Bit

4-

Channel

Bipolar

SAR

With

Software-

Selectable

Input

Ranges

ADS8638

(//www.ti.com/product/ADS8638)

—

12-

Bit

8-

Channel

Bipolar

SAR

With

Software-

Selectable

Input

Ranges

ADS8661

(//www.ti.com/product/ADS8661)

—

12-

Bit,

1.25-

MSPS,

1-

Ch

SAR

ADC

with

programmable

($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5\text{V}$)

input

ranges

on

+5V

supply

ADS8664

(//www.ti.com/product/ADS8664)

—

12-

Bit

SAR

ADC

With

4-

Channels,

500kSPS,

and

Bipolar

Inputs

Off

5V

Supply

ADS8665

([//www.ti.com/product/ADS8665](http://www.ti.com/product/ADS8665))

—

12-

Bit,

500-

kSPS,

1-

Ch

SAR

ADC

with

programmable

($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5$ V)

input

ranges

on

+5V

supply

ADS8668

([//www.ti.com/product/ADS8668](http://www.ti.com/product/ADS8668))

—

12-

Bit

500kSPS

8-

Channel

SAR

ADC

With

Bipolar

Inputs

Off

5V

Supply

ADS8671

(//www.ti.com/product/ADS8671)

—

14-

Bit,

1-

MSPS,

1-

Ch

SAR

ADC

with

programmable

($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5$ V)

input

ranges

on

+5V

supply

ADS8674

(//www.ti.com/product/ADS8674)

—

14-

Bit

500kSPS

4-

Channel

SAR

ADC

With

Bipolar

Inputs

Off

5V

Supply

ADS8675

(//www.ti.com/product/ADS8675)

—

14-

Bit,

500-

kSPS,

1-
Ch
SAR
ADC
with
programmable
($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5V$)
input
ranges
on
+5V
supply
ADS8678
(//www.ti.com/product/ADS8678)

—
14-
Bit
500kSPS
8-
Channel
SAR
ADC
With
Bipolar
Inputs
Off
5V
Supply
ADS8681
(//www.ti.com/product/ADS8681)

—
16-
Bit,
1-
MSPS,
1-
Ch
SAR
ADC
with
programmable
($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5V$)
input

ranges

on

+5V

supply

ADS8684

(//www.ti.com/product/ADS8684)

—

16-

Bit,

500-

kSPS,

4-

Ch

SAR

ADC

w/

programmable

($\pm 10/\pm 5/\pm 2.5$ V)

input

ranges

on

+5V

supply

ADS8684A

(//www.ti.com/product/ADS8684A)

—

16-

Bit,

500-

kSPS,

4-

Ch

SAR

ADC

w/

programmable

($\pm 10/\pm 5/\pm 2.5$ V)

input

ranges

&

ALARM

on

+5V

supply

ADS8685

(//www.ti.com/product/ADS8685)

—

16-

Bit,

500-

kSPS,

1-

Ch

SAR

ADC

with

programmable

($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5$ V)

input

ranges

on

+5V

supply

ADS8686S

(//www.ti.com/product/ADS8686S)

—

16-

channel

16-

bit

1-

MSPS

dual

simultaneous-

sampling

ADC

with

integrated

analog

front

end

(AFE)

ADS8688

(//www.ti.com/product/ADS8688)

—

16-

bit,
500-
kSPS,
8-
channel,
single-
supply

SAR
ADC
with
bipolar
input
ranges

ADS8688A

([//www.ti.com/product/ADS8688A](http://www.ti.com/product/ADS8688A))

—

16-
bit,
500-
kSPS,
8-
channel
SAR

ADC
with
bipolar
inputs
using

5-
V
supply

and
low-
drift

VREF

ADS8688AT

([//www.ti.com/product/ADS8688AT](http://www.ti.com/product/ADS8688AT))

—

16-
bit,
500-
kSPS,
8-

ch,
SAR
ADC
with
bipolar
inputs
using

5
V,
low-
drift
VREF
and
wide
temp
range

ADS8689

([//www.ti.com/product/ADS8689](http://www.ti.com/product/ADS8689))

—

16-
Bit,
100-
kSPS,
1-

Ch
SAR
ADC
with
programmable
($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5$ V)

input
ranges
on

+5V
supply

ADS8691

([//www.ti.com/product/ADS8691](http://www.ti.com/product/ADS8691))

—

18-
Bit,
1-
MSPS,
1-

Ch
SAR
ADC
with
programmable
($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5\text{V}$)
input
ranges
on
+5V
supply
ADS8694
(//www.ti.com/product/ADS8694)

—

18-
Bit
500kSPS
4-
Channel
SAR
ADC
With
Bipolar
Inputs
Off
5V
Supply
ADS8695
(//www.ti.com/product/ADS8695)

—

18-
Bit,
500-
kSPS,
1-
Ch
SAR
ADC
with
programmable
($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5\text{V}$)
input
ranges

on

+5V

supply

ADS8698

([//www.ti.com/product/ADS8698](http://www.ti.com/product/ADS8698))

—

18-

Bit

500kSPS

8-

Channel

SAR

ADC

With

Bipolar

Inputs

Off

5V

Supply

ADS8699

([//www.ti.com/product/ADS8699](http://www.ti.com/product/ADS8699))

—

18-

Bit,

100-

kSPS,

1-

Ch

SAR

ADC

with

programmable

($\pm 12/\pm 10/\pm 6/\pm 5/\pm 2.5$ V)

input

ranges

on

+5V

supply

ADS8860

([//www.ti.com/product/ADS8860](http://www.ti.com/product/ADS8860))

—

16-

bit,

1-

MSPS,

1-

channel

SAR

ADC

with

single-

ended

input,

SPI

and

daisy

chain

ADS8861

([//www.ti.com/product/ADS8861](http://www.ti.com/product/ADS8861))

—

16-

Bit,

1-

MSPS,

1-

Ch

SAR

ADC

with

True-

Differential

Input,

SPI

Interface

and

Daisy-

Chain

ADS8862

([//www.ti.com/product/ADS8862](http://www.ti.com/product/ADS8862))

—

16-

Bit,

680-

kSPS,

1-

Ch

SAR

ADC

with

Single-

Ended

Input,

SPI

Interface

and

Daisy-

Chain

ADS8863

([//www.ti.com/product/ADS8863](http://www.ti.com/product/ADS8863))

—

16-

Bit,

680-

kSPS,

1-

Ch

SAR

ADC

with

True-

Differential

Input,

SPI

Interface

and

Daisy-

Chain

ADS8864

([//www.ti.com/product/ADS8864](http://www.ti.com/product/ADS8864))

—

16-

Bit,

400-

kSPS,

1-

Ch

SAR

ADC

with

Single-Ended
Input,
SPI
Interface
and
Daisy-Chain
ADS8865

([//www.ti.com/product/ADS8865](http://www.ti.com/product/ADS8865))

—
16-
Bit,
400-
kSPS,
1-
Ch
SAR
ADC
with
True-
Differential
Input,
SPI
Interface
and
Daisy-Chain
ADS8866

([//www.ti.com/product/ADS8866](http://www.ti.com/product/ADS8866))

—
16-
Bit,
100-
kSPS,
1-
Ch
SAR
ADC
with
Single-Ended
Input,

SPI

Interface

and

Daisy-

Chain

ADS8867

([//www.ti.com/product/ADS8867](http://www.ti.com/product/ADS8867))

—

16-

Bit,

100-

kSPS,

1-

Ch

SAR

ADC

with

True-

Differential

Input,

SPI

Interface

and

Daisy-

Chain

ADS8881

([//www.ti.com/product/ADS8881](http://www.ti.com/product/ADS8881))

—

18-

Bit,

1-

MSPS,

1-

Ch

SAR

ADC

with

True-

Differential

Input,

SPI

Interface

and

Daisy-

Chain

ADS8883

(//www.ti.com/product/ADS8883)

—

18-

Bit,

680-

kSPS,

1-

Ch

SAR

ADC

with

True-

Differential

Input,

SPI

Interface

and

Daisy-

Chain

ADS8885

(//www.ti.com/product/ADS8885)

—

18-

Bit,

400-

kSPS,

1-

Ch

SAR

ADC

with

True-

Differential

Input,

SPI

Interface

and

Daisy-

Chain

ADS8887

[\(\[//www.ti.com/product/ADS8887\]\(http://www.ti.com/product/ADS8887\)\)](http://www.ti.com/product/ADS8887)

—

18-

Bit,

100-

kSPS,

1-

Ch

SAR

ADC

with

True-

Differential

Input,

SPI

Interface

and

Daisy-

Chain

[ADS8900B](http://www.ti.com/product/ADS8900B)

[\(\[//www.ti.com/product/ADS8900B\]\(http://www.ti.com/product/ADS8900B\)\)](http://www.ti.com/product/ADS8900B)

—

20-

bit,

1-

MSPS,

one-

channel

SAR

ADC

with

internal

VREF

buffer,

internal

LDO

and

enhanced

SPI

[ADS8902B](http://www.ti.com/product/ADS8902B)

[\(\[//www.ti.com/product/ADS8902B\]\(http://www.ti.com/product/ADS8902B\)\)](http://www.ti.com/product/ADS8902B)

—

20-

bit,
500-
kSPS,
one-
channel

SAR

ADC

with

internal

VREF

buffer,

internal

LDO

and

enhanced

SPI

ADS8904B

([//www.ti.com/product/ADS8904B](http://www.ti.com/product/ADS8904B))

—

20-

bit,

250-

kSPS,

one-

channel

SAR

ADC

with

internal

VREF

buffer,

internal

LDO

and

enhanced

SPI

ADS8910B

([//www.ti.com/product/ADS8910B](http://www.ti.com/product/ADS8910B))

—

18-

Bit,

1-

MSPS,

1-

Ch

SAR

ADC

with

Internal

VREF

Buffer,

Internal

LDO

and

Enhanced

SPI

Interface

ADS8912B

([//www.ti.com/product/ADS8912B](http://www.ti.com/product/ADS8912B))

—

18-

Bit,

500-

kSPS,

1-

Ch

SAR

ADC

with

Internal

VREF

Buffer,

Internal

LDO

and

Enhanced

SPI

Interface

ADS8914B

([//www.ti.com/product/ADS8914B](http://www.ti.com/product/ADS8914B))

—

18-

Bit,

250-

kSPS,

1-

Ch

SAR

ADC

with

Internal

VREF

Buffer,

Internal

LDO

and

Enhanced

SPI

Interface

ADS8920B

([//www.ti.com/product/ADS8920B](http://www.ti.com/product/ADS8920B))

—

16-

bit,

1-

MSPS,

one-

channel

SAR

ADC

with

internal

VREF

buffer,

internal

LDO

and

enhanced

SPI

ADS8922B

([//www.ti.com/product/ADS8922B](http://www.ti.com/product/ADS8922B))

—

16-

bit,

500-

kSPS,

one-

channel

SAR

ADC

with

internal

VREF

buffer,

internal

LDO

and

enhanced

SPI

ADS8924B

([//www.ti.com/product/ADS8924B](http://www.ti.com/product/ADS8924B))

—

16-

bit,

250-

kSPS,

one-

channel

SAR

ADC

with

internal

VREF

buffer,

internal

LDO

and

enhanced

SPI

ADS9110

([//www.ti.com/product/ADS9110](http://www.ti.com/product/ADS9110))

—

18-

bit,

2-

MSPS,

one-

channel

SAR

ADC

with

enhanced

serial

peripheral

interface

(SPI)

ADS9120

([//www.ti.com/product/ADS9120](http://www.ti.com/product/ADS9120))

—

16-

Bit,

2.5-

MSPS,

1-

Ch

SAR

ADC

with

Enhanced

SPI

Interface

ADS9218

([//www.ti.com/product/ADS9218](http://www.ti.com/product/ADS9218))

—

Two-

channel,

simultaneous-

sampling,

18-

bit

10-

MSPS

SAR

ADC

with

fully-

differential

ADC

input

driver

ADS9224R

([//www.ti.com/product/ADS9224R](http://www.ti.com/product/ADS9224R))

—

16-

bit,

3-

MSPS,

dual-

channel,

simultaneous-

sampling

SAR

ADC

with

internal

reference

and

enhanced

SPI

ADS9226

(//www.ti.com/product/ADS9226)

—

16-

bit,

2.048-

MSPS,

dual-

channel,

simultaneous-

sampling

SAR

ADC

with

enhanced

SPI

ADS9227

(//www.ti.com/product/ADS9227)

—

Two-

channel,

simultaneous-

sampling,

16-

bit

5-

MSPS

SAR

ADC

with
fully-
differential
ADC
input
driver

ADS9234R

([//www.ti.com/product/ADS9234R](http://www.ti.com/product/ADS9234R))

—

14-
bit,
3.5-
MSPS,
dual,
simultaneous-
sampling
SAR
ADC
with
internal
reference
and
enhanced
SPI

ADS9815

([//www.ti.com/product/ADS9815](http://www.ti.com/product/ADS9815))

—

Eight-
channel,
18-
bit,
1-
MSPS/ch
dual
simultaneous-
sampling
ADC
with
integrated
analog
front
end
ADS9817

[\(\[//www.ti.com/product/ADS9817\]\(http://www.ti.com/product/ADS9817\)\)](http://www.ti.com/product/ADS9817)

—

Eight-

channel,

18-

bit,

2-

MSPS/ch

dual

simultaneous-

sampling

ADC

with

integrated

analog

front

end

BIOSENSING

AFES

[ADS1191](http://www.ti.com/product/ADS1191)

[\(\[//www.ti.com/product/ADS1191\]\(http://www.ti.com/product/ADS1191\)\)](http://www.ti.com/product/ADS1191)

—

16-

bit,

1-

ch,

Low-

Power

Analog

Front

END

(AFE)

for

ECG

Applications

[ADS1192](http://www.ti.com/product/ADS1192)

[\(\[//www.ti.com/product/ADS1192\]\(http://www.ti.com/product/ADS1192\)\)](http://www.ti.com/product/ADS1192)

—

16-

bit,

2-

ch,

Low-

Power

Analog

Front

END

(AFE)

for

ECG

Applications

ADS1194

(//www.ti.com/product/ADS1194)

—

Low-

Power,

4-

Channel,

16-

Bit

Analog

Front-

End

for

ECG

ADS1196

(//www.ti.com/product/ADS1196)

—

Low-

Power,

6-

Channel,

16-

Bit

Analog

Front-

End

for

ECG

ADS1198

(//www.ti.com/product/ADS1198)

—

Low-

Noise,

8

Channel,

16

Bit

Analog

Front

End

for

ECG/EEG

Measurements

ADS1291

([//www.ti.com/product/ADS1291](http://www.ti.com/product/ADS1291))

—

24-

bit,

1-

ch,

Low-

Power

Analog

Front

END

(AFE)

for

ECG

Applications

ADS1292

([//www.ti.com/product/ADS1292](http://www.ti.com/product/ADS1292))

—

24-

bit,

2-

ch,

Low-

Power

Analog

Front

END

(AFE)

for

ECG

Applications

ADS1292R

([//www.ti.com/product/ADS1292R](http://www.ti.com/product/ADS1292R))

—

2-

Channel

24-

Bit

ADC

With

Integrated

Respiration

Impedance

and

ECG

Front

End

ADS1293

([//www.ti.com/product/ADS1293](http://www.ti.com/product/ADS1293))

—

24-

bit,

3-

ch,

Low-

Power

Analog

Front

END

(AFE)

for

ECG

Applications

ADS1294

([//www.ti.com/product/ADS1294](http://www.ti.com/product/ADS1294))

—

4-

Channel

24-

Bit

ADC

With

Integrated

ECG

Front

End

ADS1294R

[\(\[//www.ti.com/product/ADS1294R\]\(http://www.ti.com/product/ADS1294R\)\)](http://www.ti.com/product/ADS1294R)

—

4-

Channel

24-

Bit

ADC

With

Integrated

Respiration

Impedance

and

ECG

Front

End

[ADS1296](http://www.ti.com/product/ADS1296)

[\(\[//www.ti.com/product/ADS1296\]\(http://www.ti.com/product/ADS1296\)\)](http://www.ti.com/product/ADS1296)

—

6-

Channel

24-

Bit

ADC

With

Integrated

ECG

Front

End

[ADS1296R](http://www.ti.com/product/ADS1296R)

[\(\[//www.ti.com/product/ADS1296R\]\(http://www.ti.com/product/ADS1296R\)\)](http://www.ti.com/product/ADS1296R)

—

6-

Ch

24-

Bit

ADC

With

Integrated

Respiration

Impedance

and

ECG

Front

End

ADS1298

(//www.ti.com/product/ADS1298)

—

8-

Channel

24-

bit

ADC

With

Integrated

ECG

Front

End

ADS1298R

(//www.ti.com/product/ADS1298R)

—

24-

Bit

8-

Ch

Analog

Front-

End

With

Integrated

Respiration

Impedance

for

ECG

ADS1299

(//www.ti.com/product/ADS1299)

—

Low-

Noise,

8-

Channel,

24-

Bit

Analog-

to-

Digital

Converter

for

Biopotential

Measurements

ADS1299-

4

(//www.ti.com/product/ADS1299-

4)

—

Low-

Noise,

4-

Channel,

24-

Bit

Analog-

to-

Digital

Converter

for

Biopotential

Measurements

ADS1299-

6

(//www.ti.com/product/ADS1299-

6)

—

Low-

noise,

6-

channel,

24-

bit

analog-

to-

digital

converter

for

biopotential

measurements

HIGH-

SPEED

ADCS

(≥10

MSPS)

ADS2806

(//www.ti.com/product/ADS2806)

—

Dual-
Channel,
12-
Bit,
32-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS2807

(//www.ti.com/product/ADS2807)

—

Dual-
Channel,
12-
Bit,
50-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS4122

(//www.ti.com/product/ADS4122)

—

12-
Bit,
65-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS4125

(//www.ti.com/product/ADS4125)

—

12-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS4126

([//www.ti.com/product/ADS4126](http://www.ti.com/product/ADS4126))

—

12-

Bit,

160-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS4128

([//www.ti.com/product/ADS4128](http://www.ti.com/product/ADS4128))

—

12-

Bit,

200-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS4129

([//www.ti.com/product/ADS4129](http://www.ti.com/product/ADS4129))

—

12-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS4142

(//www.ti.com/product/ADS4142)

—

14-

bit,

65

MSPS,

Analog-

to-

Digital

Converter

(ADC)

ADS4145

(//www.ti.com/product/ADS4145)

—

14-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS4146

(//www.ti.com/product/ADS4146)

—

14-

Bit,

160-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS4149

(//www.ti.com/product/ADS4149)

—

14-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS41B25

(//www.ti.com/product/ADS41B25)

—

12-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS41B29

(//www.ti.com/product/ADS41B29)

—

12-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS41B49

(//www.ti.com/product/ADS41B49)

—

14-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS4222

[\(\[//www.ti.com/product/ADS4222\]\(http://www.ti.com/product/ADS4222\)\)](http://www.ti.com/product/ADS4222)

—

Dual-
Channel,
12-
Bit,
65-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS4225

[\(\[//www.ti.com/product/ADS4225\]\(http://www.ti.com/product/ADS4225\)\)](http://www.ti.com/product/ADS4225)

—

Dual-
Channel,
12-
Bit,
125-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS4226

[\(\[//www.ti.com/product/ADS4226\]\(http://www.ti.com/product/ADS4226\)\)](http://www.ti.com/product/ADS4226)

—

Dual-
Channel,
12-
Bit,
160-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS4229

[\(//www.ti.com/product/ADS4229\)](http://www.ti.com/product/ADS4229)

—

Dual-
Channel,
12-
Bit,
250-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS4242](http://www.ti.com/product/ADS4242)

[\(//www.ti.com/product/ADS4242\)](http://www.ti.com/product/ADS4242)

—

Dual-
Channel,
14-
Bit,
65-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS4245](http://www.ti.com/product/ADS4245)

[\(//www.ti.com/product/ADS4245\)](http://www.ti.com/product/ADS4245)

—

Dual-
Channel,
14-
Bit,
125-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS4245-](http://www.ti.com/product/ADS4245-EP)
[EP](http://www.ti.com/product/ADS4245-EP)

[\(//www.ti.com/product/ADS4245-](http://www.ti.com/product/ADS4245-EP)

[EP\)](http://www.ti.com/product/ADS4245-EP)

—

Dual-

Channel,

14-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)-

Enhanced

Product

[ADS4246](http://www.ti.com/product/ADS4246)

[\(//www.ti.com/product/ADS4246\)](http://www.ti.com/product/ADS4246)

—

Dual-

Channel,

14-

Bit,

160-

MSPS

Analog-

to-

Digital

Converter

(ADC)

[ADS4249](http://www.ti.com/product/ADS4249)

[\(//www.ti.com/product/ADS4249\)](http://www.ti.com/product/ADS4249)

—

Dual-

Channel,

14-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS42B49

(//www.ti.com/product/ADS42B49)

—

Dual-

Channel,

14-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS42JB46

(//www.ti.com/product/ADS42JB46)

—

Dual-

Channel,

14-

Bit,

160-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS42JB49

(//www.ti.com/product/ADS42JB49)

—

Dual-

Channel,

14-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS42JB69

(//www.ti.com/product/ADS42JB69)

—

Dual-
Channel,
16-
Bit,
250-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS42LB49

(//www.ti.com/product/ADS42LB49)

—

Dual-
Channel,
14-
Bit,
250-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS42LB69

(//www.ti.com/product/ADS42LB69)

—

Dual-
Channel,
16-
Bit
250-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS4449

[\(//www.ti.com/product/ADS4449\)](http://www.ti.com/product/ADS4449)

—

Quad-
Channel,
14-
Bit,
250-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5231](http://www.ti.com/product/ADS5231)

[\(//www.ti.com/product/ADS5231\)](http://www.ti.com/product/ADS5231)

—

Dual-
Channel,
12-
Bit,
40-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5232](http://www.ti.com/product/ADS5232)

[\(//www.ti.com/product/ADS5232\)](http://www.ti.com/product/ADS5232)

—

Dual-
Channel,
12-
Bit,
65-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5237](http://www.ti.com/product/ADS5237)

[\(//www.ti.com/product/ADS5237\)](http://www.ti.com/product/ADS5237)

—

Dual-
Channel,
10-
Bit,
65-
MSPS
Analog-
to-
Digital
Converter
(ADC)

[ADS5240](#)

<http://www.ti.com/product/ADS5240>

—

Quad-
Channel,
12-
Bit,
40-
MSPS
Analog-
to-
Digital
Converter
(ADC)

[ADS5242](#)

<http://www.ti.com/product/ADS5242>

—

Quad-
Channel,
12-
Bit,
65-
MSPS
Analog-
to-
Digital
Converter
(ADC)

[ADS5263](#)

<http://www.ti.com/product/ADS5263>

—

Quad-
Channel,
16-
Bit,
100-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5270](http://www.ti.com/product/ADS5270)
[\(/www.ti.com/product/ADS5270\)](http://www.ti.com/product/ADS5270)

—

Eight-
Channel,
12-
Bit,
40-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5271](http://www.ti.com/product/ADS5271)
[\(/www.ti.com/product/ADS5271\)](http://www.ti.com/product/ADS5271)

—

Eight-
Channel,
12-
Bit,
50-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5272](http://www.ti.com/product/ADS5272)
[\(/www.ti.com/product/ADS5272\)](http://www.ti.com/product/ADS5272)

—

Eight-

Channel,

12-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5273

([//www.ti.com/product/ADS5273](http://www.ti.com/product/ADS5273))

—

Eight-

Channel,

12-

Bit,

70-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5277

([//www.ti.com/product/ADS5277](http://www.ti.com/product/ADS5277))

—

Eight-

Channel,

10-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5281

([//www.ti.com/product/ADS5281](http://www.ti.com/product/ADS5281))

—

Eight-

Channel,

12-

Bit,

50-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5282

([//www.ti.com/product/ADS5282](http://www.ti.com/product/ADS5282))

—

Eight-

Channel,

12-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5287

([//www.ti.com/product/ADS5287](http://www.ti.com/product/ADS5287))

—

Eight-

Channel,

10-

Bit,

40-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5292

([//www.ti.com/product/ADS5292](http://www.ti.com/product/ADS5292))

—

Eight-

Channel,

12-

Bit,
80-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS5294

([//www.ti.com/product/ADS5294](http://www.ti.com/product/ADS5294))

—

Eight-
Channel,
14-
Bit,
80-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS5295

([//www.ti.com/product/ADS5295](http://www.ti.com/product/ADS5295))

—

Octal
Channel
12-
Bit,
100MSPS
High-
SNR
and
Low-
Power
ADC

ADS5296A

([//www.ti.com/product/ADS5296A](http://www.ti.com/product/ADS5296A))

—

10-
Bit,
200-
MSPS,

4

or

8-

Channel

/

12-

Bit,

80-

MSPS,

8-

Channel

ADC

[ADS52J65](#)

<http://www.ti.com/product/ADS52J65>

—

8-

channel

16-

bit

125-

MSPS

analog-

to-

digital

converter

(ADC)

with

JESD204B

interface

[ADS52J90](#)

<http://www.ti.com/product/ADS52J90>

—

14-

bit

multichannel

low-

power

high-

speed

analog-

to-

digital

converter

(ADC)

ADS52J91

(//www.ti.com/product/ADS52J91)

—

10-

bit,

12-

bit,

and

14-

bit,

multichannel,

low-

power

ADC

with

LVDS

and

JESD

outputs

ADS5400

(//www.ti.com/product/ADS5400)

—

12-

bit 1-

GSPS

analog-

to-

digital

converter

(ADC)

ADS5400-

SP

(//www.ti.com/product/ADS5400-

SP)

—

QMLV,

50-

krad,

ceramic,

12-

bit,

single-

channel,

1-

GSPS

ADC

ADS5401

([//www.ti.com/product/ADS5401](http://www.ti.com/product/ADS5401))

—

12-

Bit,

800-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5402

([//www.ti.com/product/ADS5402](http://www.ti.com/product/ADS5402))

—

Dual-

Channel,

12-

Bit,

800-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5403

([//www.ti.com/product/ADS5403](http://www.ti.com/product/ADS5403))

—

12-

Bit,

500-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5404

[\(//www.ti.com/product/ADS5404\)](http://www.ti.com/product/ADS5404)

—

Dual-
Channel,
12-
Bit,
500-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5407](http://www.ti.com/product/ADS5407)

[\(//www.ti.com/product/ADS5407\)](http://www.ti.com/product/ADS5407)

—

Dual-
Channel,
12-
Bit,
500-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5409](http://www.ti.com/product/ADS5409)

[\(//www.ti.com/product/ADS5409\)](http://www.ti.com/product/ADS5409)

—

Dual-
Channel,
12-
Bit,
900-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS5411](http://www.ti.com/product/ADS5411)

[\(//www.ti.com/product/ADS5411\)](http://www.ti.com/product/ADS5411)

—

11-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5413

([//www.ti.com/product/ADS5413](http://www.ti.com/product/ADS5413))

—

12-

Bit,

65-

MSPS,

1.0-

GHz

Input

Bandwidth

Analog-

to-

Digital

Converter

(ADC)

ADS5421

([//www.ti.com/product/ADS5421](http://www.ti.com/product/ADS5421))

—

14-

Bit,

40-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5422

([//www.ti.com/product/ADS5422](http://www.ti.com/product/ADS5422))

—

14-

Bit,

62-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5423

([//www.ti.com/product/ADS5423](http://www.ti.com/product/ADS5423))

—

14-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5424

([//www.ti.com/product/ADS5424](http://www.ti.com/product/ADS5424))

—

14-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5424-

SP

([//www.ti.com/product/ADS5424-](http://www.ti.com/product/ADS5424-SP)

SP)

—

QMLV,

150-

krad,

ceramic,

14-

bit,

single-

channel,

125-

MSPS

ADC

ADS5440

(//www.ti.com/product/ADS5440)

—

13-

Bit,

210-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5440-

EP

(//www.ti.com/product/ADS5440-

EP)

—

13-

Bit,

210-

MSPS

Analog-

to-

Digital

Converter

(ADC)

-

Enhanced-

Product

ADS5444

(//www.ti.com/product/ADS5444)

—

13-

bit

250-

MSPS

analog-

to-

digital

converter

(ADC)

ADS5444-

EP

([//www.ti.com/product/ADS5444-](http://www.ti.com/product/ADS5444-EP)

EP)

—

13-

bit

250-

MSPS

analog-

to-

digital

converter

(ADC)

-

enhanced

product

ADS5444-

SP

([//www.ti.com/product/ADS5444-](http://www.ti.com/product/ADS5444-SP)

SP)

—

QMLV,

ceramic,

13-

bit,

single-

channel,

250-

MSPS

ADC

ADS5463

([//www.ti.com/product/ADS5463\)](http://www.ti.com/product/ADS5463)

—

12-

bit

500-

MSPS

analog-

to-

digital

converter

(ADC)

ADS5463-

EP

([//www.ti.com/product/ADS5463-](http://www.ti.com/product/ADS5463-EP)

EP)

—

12-

bit

500-

MSPS

analog-

to-

digital

converter

(ADC)

-

enhanced

product

ADS5463-

SP

([//www.ti.com/product/ADS5463-](http://www.ti.com/product/ADS5463-SP)

SP)

—

Radiation-

hardness-

assured

(RHA),

QMLV,

100-

krad,

ceramic,

12-

bit,

single,

500-

MSPS

ADC

ADS5474

([//www.ti.com/product/ADS5474](http://www.ti.com/product/ADS5474))

—

14-

bit

400-
MSPS
analog-
to-
digital
converter
(ADC)
ADS5474-
SP
(//www.ti.com/product/ADS5474-
SP)

—

Radiation-
hardness-
assured
(RHA),
QMLV,
100-
krad,
ceramic,
14-
bit,
single,
400-
MSPS
ADC
ADS5481
(//www.ti.com/product/ADS5481)

—

16-
bit,
80-
MSPS
analog-
to-
digital
converter
(ADC)
with
high
SFDR
and
LVDS

outputs

[ADS5482](#)

<http://www.ti.com/product/ADS5482>

—

16-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

[ADS5483](#)

<http://www.ti.com/product/ADS5483>

—

16-

Bit,

135-

MSPS

Analog-

to-

Digital

Converter

(ADC)

[ADS5484](#)

<http://www.ti.com/product/ADS5484>

—

16-

Bit,

170-

MSPS

Analog-

to-

Digital

Converter

(ADC)

[ADS5485](#)

<http://www.ti.com/product/ADS5485>

—

16-

Bit,

200-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS54J20

([//www.ti.com/product/ADS54J20](http://www.ti.com/product/ADS54J20))

—

Dual-

Channel,

12-

Bit,

1.0-

GSPS

Analog-

to-

Digital

Converter

(ADC)

ADS54J40

([//www.ti.com/product/ADS54J40](http://www.ti.com/product/ADS54J40))

—

Dual-

Channel,

14-

Bit,

1.0-

GSPS

Analog-

to-

Digital

Converter

(ADC)

ADS54J42

([//www.ti.com/product/ADS54J42](http://www.ti.com/product/ADS54J42))

—

Dual-

Channel,

14-

Bit,

625-

MSPS

Analog-
to-
Digital
Converter
(ADC)

ADS54J54

([//www.ti.com/product/ADS54J54](http://www.ti.com/product/ADS54J54))

—

Quad-
Channel,
14-
Bit,
500-
MSPS

Analog-
to-
Digital
Converter
(ADC)

ADS54J60

([//www.ti.com/product/ADS54J60](http://www.ti.com/product/ADS54J60))

—

Dual-
Channel,
16-
Bit,
1.0-
GSPS

Analog-
to-
Digital
Converter
(ADC)

ADS54J64

([//www.ti.com/product/ADS54J64](http://www.ti.com/product/ADS54J64))

—

Quad-
Channel,
14-
Bit,
1-
GSPS,
2x-

Oversampling

Analog-

to-

Digital

Converter

(ADC)

ADS54J66

([//www.ti.com/product/ADS54J66](http://www.ti.com/product/ADS54J66))

—

Quad-

Channel,

14-

Bit,

500-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS54J69

([//www.ti.com/product/ADS54J69](http://www.ti.com/product/ADS54J69))

—

Dual-

Channel,

16-

Bit,

500-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS54RF63

([//www.ti.com/product/ADS54RF63](http://www.ti.com/product/ADS54RF63))

—

12-

Bit,

550-

MSPS,

RF

Sampling

Analog-
to-
Digital
Converter
(ADC)

ADS5500

([//www.ti.com/product/ADS5500](http://www.ti.com/product/ADS5500))

—

14-
Bit,
125-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS5500-

EP

([//www.ti.com/product/ADS5500-](http://www.ti.com/product/ADS5500-EP)

EP)

—

14-
Bit,
125-
MSPS
Analog-
to-
Digital
Converter
(ADC)-

Enhanced

Product

ADS5510

([//www.ti.com/product/ADS5510](http://www.ti.com/product/ADS5510))

—

11-
Bit,
125-
MSPS
Analog-
to-
Digital

Converter

(ADC)

ADS5517

(//www.ti.com/product/ADS5517)

—

11-

Bit,

200-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5520

(//www.ti.com/product/ADS5520)

—

12-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5521

(//www.ti.com/product/ADS5521)

—

12-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5522

(//www.ti.com/product/ADS5522)

—

12-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5525

([//www.ti.com/product/ADS5525](http://www.ti.com/product/ADS5525))

—

12-

Bit,

170-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5527

([//www.ti.com/product/ADS5527](http://www.ti.com/product/ADS5527))

—

12-

Bit,

210-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5541

([//www.ti.com/product/ADS5541](http://www.ti.com/product/ADS5541))

—

14-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5542

[\(\[//www.ti.com/product/ADS5542\]\(http://www.ti.com/product/ADS5542\)\)](http://www.ti.com/product/ADS5542)

—

14-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5545

[\(\[//www.ti.com/product/ADS5545\]\(http://www.ti.com/product/ADS5545\)\)](http://www.ti.com/product/ADS5545)

—

14-

Bit,

170-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5546

[\(\[//www.ti.com/product/ADS5546\]\(http://www.ti.com/product/ADS5546\)\)](http://www.ti.com/product/ADS5546)

—

14-

Bit,

190-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS5547

[\(\[//www.ti.com/product/ADS5547\]\(http://www.ti.com/product/ADS5547\)\)](http://www.ti.com/product/ADS5547)

—

14-

Bit,

210-

MSPS

Analog-
to-
Digital
Converter
(ADC)

ADS5553

(//www.ti.com/product/ADS5553)

—

Dual-
Channel,
14-
Bit,
65-
MSPS

Analog-
to-
Digital
Converter
(ADC)

ADS5560

(//www.ti.com/product/ADS5560)

—

16-
Bit,
40-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS5562

(//www.ti.com/product/ADS5562)

—

16-
bit,
80-
MSPS
analog-
to-
digital
converter
(ADC)

with

high

SNR

and

CMOS/LVDS

outputs

ADS58B18

([//www.ti.com/product/ADS58B18](http://www.ti.com/product/ADS58B18))

—

11-

Bit,

200-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS58B19

([//www.ti.com/product/ADS58B19](http://www.ti.com/product/ADS58B19))

—

9-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS58C28

([//www.ti.com/product/ADS58C28](http://www.ti.com/product/ADS58C28))

—

Dual-

Channel,

11-

Bit,

200-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS58C48

(//www.ti.com/product/ADS58C48)

—

Quad-

Channel,

11-

Bit,

200-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6122

(//www.ti.com/product/ADS6122)

—

12-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6123

(//www.ti.com/product/ADS6123)

—

12-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6124

(//www.ti.com/product/ADS6124)

—

12-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6125

([//www.ti.com/product/ADS6125](http://www.ti.com/product/ADS6125))

—

12-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6128

([//www.ti.com/product/ADS6128](http://www.ti.com/product/ADS6128))

—

12-

Bit,

210-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6129

([//www.ti.com/product/ADS6129](http://www.ti.com/product/ADS6129))

—

12-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6142

(//www.ti.com/product/ADS6142)

—

14-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6143

(//www.ti.com/product/ADS6143)

—

14-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6144

(//www.ti.com/product/ADS6144)

—

14-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6145

(//www.ti.com/product/ADS6145)

—

14-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6148

([//www.ti.com/product/ADS6148](http://www.ti.com/product/ADS6148))

—

14-

Bit,

210-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6149

([//www.ti.com/product/ADS6149](http://www.ti.com/product/ADS6149))

—

14-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS61B23

([//www.ti.com/product/ADS61B23](http://www.ti.com/product/ADS61B23))

—

12-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS61B29

[\(\[//www.ti.com/product/ADS61B29\]\(http://www.ti.com/product/ADS61B29\)\)](http://www.ti.com/product/ADS61B29)

—

12-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

[ADS61B49](http://www.ti.com/product/ADS61B49)

[\(\[//www.ti.com/product/ADS61B49\]\(http://www.ti.com/product/ADS61B49\)\)](http://www.ti.com/product/ADS61B49)

—

14-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

[ADS61JB23](http://www.ti.com/product/ADS61JB23)

[\(\[//www.ti.com/product/ADS61JB23\]\(http://www.ti.com/product/ADS61JB23\)\)](http://www.ti.com/product/ADS61JB23)

—

12-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

[ADS61JB46](http://www.ti.com/product/ADS61JB46)

[\(\[//www.ti.com/product/ADS61JB46\]\(http://www.ti.com/product/ADS61JB46\)\)](http://www.ti.com/product/ADS61JB46)

—

14-

Bit,

160-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6222

([//www.ti.com/product/ADS6222](http://www.ti.com/product/ADS6222))

—

Dual-

Channel,

12-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6224

([//www.ti.com/product/ADS6224](http://www.ti.com/product/ADS6224))

—

Dual-

Channel,

12-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6225

([//www.ti.com/product/ADS6225](http://www.ti.com/product/ADS6225))

—

Dual-

Channel,

12-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6242

([//www.ti.com/product/ADS6242](http://www.ti.com/product/ADS6242))

—

Dual-

Channel,

14-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6243

([//www.ti.com/product/ADS6243](http://www.ti.com/product/ADS6243))

—

Dual-

Channel,

14-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6244

([//www.ti.com/product/ADS6244](http://www.ti.com/product/ADS6244))

—

Dual-

Channel,

14-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6245

(//www.ti.com/product/ADS6245)

—

Dual-

Channel,

14-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62C15

(//www.ti.com/product/ADS62C15)

—

Dual-

Channel,

11-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62C17

(//www.ti.com/product/ADS62C17)

—

Dual-

Channel,

11-

Bit,

200-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62P15

(//www.ti.com/product/ADS62P15)

—

Dual-

Channel,

11-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62P19

(//www.ti.com/product/ADS62P19)

—

Dual-

Channel,

11-

Bit,

250-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62P22

(//www.ti.com/product/ADS62P22)

—

Dual-

Channel,

12-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62P23

<http://www.ti.com/product/ADS62P23>

—

Dual-
Channel,
12-
Bit,
80-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS62P24

<http://www.ti.com/product/ADS62P24>

—

Dual-
Channel,
12-
Bit,
105-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS62P25

<http://www.ti.com/product/ADS62P25>

—

Dual-
Channel,
12-
Bit,
125-
MSPS
Analog-
to-
Digital
Converter
(ADC)

ADS62P28

[\(\[//www.ti.com/product/ADS62P28\]\(http://www.ti.com/product/ADS62P28\)\)](http://www.ti.com/product/ADS62P28)

—

Dual-
Channel,
12-
Bit,
210-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS62P29](http://www.ti.com/product/ADS62P29)

[\(\[//www.ti.com/product/ADS62P29\]\(http://www.ti.com/product/ADS62P29\)\)](http://www.ti.com/product/ADS62P29)

—

Dual-
Channel,
12-
Bit,
250-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS62P42](http://www.ti.com/product/ADS62P42)

[\(\[//www.ti.com/product/ADS62P42\]\(http://www.ti.com/product/ADS62P42\)\)](http://www.ti.com/product/ADS62P42)

—

Dual-
Channel,
14-
Bit,
65-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS62P43](http://www.ti.com/product/ADS62P43)

[\(\[//www.ti.com/product/ADS62P43\]\(http://www.ti.com/product/ADS62P43\)\)](http://www.ti.com/product/ADS62P43)

—

Dual-
Channel,

14-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62P44

([//www.ti.com/product/ADS62P44](http://www.ti.com/product/ADS62P44))

—

Dual-
Channel,

14-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62P45

([//www.ti.com/product/ADS62P45](http://www.ti.com/product/ADS62P45))

—

Dual-
Channel,

14-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS62P48

([//www.ti.com/product/ADS62P48](http://www.ti.com/product/ADS62P48))

—

Dual-
Channel,
14-
Bit,
210-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS62P49](http://www.ti.com/product/ADS62P49)
[\(/www.ti.com/product/ADS62P49\)](http://www.ti.com/product/ADS62P49)

—
Dual-
Channel,
14-
Bit,
250-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS6422](http://www.ti.com/product/ADS6422)
[\(/www.ti.com/product/ADS6422\)](http://www.ti.com/product/ADS6422)

—
Quad-
Channel,
12-
Bit,
65-
MSPS
Analog-
to-
Digital
Converter
(ADC)
[ADS6423](http://www.ti.com/product/ADS6423)
[\(/www.ti.com/product/ADS6423\)](http://www.ti.com/product/ADS6423)

—
Quad-

Channel,

12-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6424

([//www.ti.com/product/ADS6424](http://www.ti.com/product/ADS6424))

—

Quad-

Channel,

12-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6425

([//www.ti.com/product/ADS6425](http://www.ti.com/product/ADS6425))

—

Quad-

Channel,

12-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6442

([//www.ti.com/product/ADS6442](http://www.ti.com/product/ADS6442))

—

Quad-

Channel,

14-

Bit,

65-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6443

([//www.ti.com/product/ADS6443](http://www.ti.com/product/ADS6443))

—

Quad-

Channel,

14-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6444

([//www.ti.com/product/ADS6444](http://www.ti.com/product/ADS6444))

—

Quad-

Channel,

14-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6444-

EP

([//www.ti.com/product/ADS6444-](http://www.ti.com/product/ADS6444-EP)

EP)

—

Quad-

Channel,

14-

Bit,

105-

MSPS

Analog-

to-

Digital

Converter

(ADC)

-

Enhanced-

Product

ADS6445

([//www.ti.com/product/ADS6445](http://www.ti.com/product/ADS6445))

—

Quad-

Channel,

14-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS6445-

EP

([//www.ti.com/product/ADS6445-](http://www.ti.com/product/ADS6445-EP)

EP)

—

Quad-

Channel,

14-

Bit,

125-

MSPS

Analog-

to-

Digital

Converter

(ADC)

-

Enhanced-

Product

ADS800

(//www.ti.com/product/ADS800)

—

12-

Bit,

40

MSPS

ADC

SE/Diff

inputs.

Internal

References,

pin

compatible

to

ADS801/2

ADS801

(//www.ti.com/product/ADS801)

—

12-

Bit,

25

MSPS

ADC

SE/Diff

inputs.

Internal

References,

pin

compatible

to

ADS800/2

ADS802

(//www.ti.com/product/ADS802)

—

12-

Bit,

10-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS803

(//www.ti.com/product/ADS803)

—

12-

Bit,

5-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS804

(//www.ti.com/product/ADS804)

—

12-

Bit,

10-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS805

(//www.ti.com/product/ADS805)

—

12-

Bit,

20-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS807

(//www.ti.com/product/ADS807)

—

12-

Bit,

53-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS820

([//www.ti.com/product/ADS820](http://www.ti.com/product/ADS820))

—

10-

Bit,

20-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS821

([//www.ti.com/product/ADS821](http://www.ti.com/product/ADS821))

—

10-

Bit,

40-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS822

([//www.ti.com/product/ADS822](http://www.ti.com/product/ADS822))

—

10-

Bit,

40-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS825

(//www.ti.com/product/ADS825)

—

10-

Bit,

40-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS828

(//www.ti.com/product/ADS828)

—

10-

Bit,

75-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS830

(//www.ti.com/product/ADS830)

—

8-

Bit,

60-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS831

(//www.ti.com/product/ADS831)

—

8-

Bit,

80-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS850

([//www.ti.com/product/ADS850](http://www.ti.com/product/ADS850))

—

14-

Bit,

10-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS900

([//www.ti.com/product/ADS900](http://www.ti.com/product/ADS900))

—

10-

Bit,

20-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS901

([//www.ti.com/product/ADS901](http://www.ti.com/product/ADS901))

—

10-

Bit,

20-

MSPS

Analog-

to-

Digital

Converter

(ADC)

ADS930

<http://www.ti.com/product/ADS930>

—

8-

Bit,

30

MSPS

ADC

SE/Diff

Inputs

w/

Internal

Ref.

and

Low

Power,

Powerdown

RECEIVERS

ADS54T01

<http://www.ti.com/product/ADS54T01>

—

1-

ch

750MSPS

BTS

Feedback

and

Receiver

IC

ADS54T02

<http://www.ti.com/product/ADS54T02>

—

2-

ch

750MSPS

BTS

Feedback

and

Receiver

IC

ADS54T04

<http://www.ti.com/product/ADS54T04>

—

2-

ch

500MSPS

BTS

Feedback

and

Receiver

IC

ADS58C20

([//www.ti.com/product/ADS58C20](http://www.ti.com/product/ADS58C20))

—

Dual

Channel

IF

BTS

Receiver

with

Signal

Processing

for

multi-

mode

3G+LTE+GSM

ADS58C23

([//www.ti.com/product/ADS58C23](http://www.ti.com/product/ADS58C23))

—

Dual

Channel

IF

BTS

Receiver

with

Signal

Processing

for

multi-

mode

3G+LTE

ADS58H40

([//www.ti.com/product/ADS58H40](http://www.ti.com/product/ADS58H40))

—

Quad-

Channel,

14-

Bit,

250-

MSPS

Receiver

and

Feedback

IC

[ADS58H43](#)

<http://www.ti.com/product/ADS58H43>

—

Quad-

Channel,

14-

Bit,

250-

MSPS

Receiver

and

Feedback

IC

[ADS58J63](#)

<http://www.ti.com/product/ADS58J63>

—

Quad

Channel

14-

bit

500

MSPs

Telecom

Receiver

IC

[ADS58J64](#)

<http://www.ti.com/product/ADS58J64>

—

Quad-

channel,

14-

bit,

1-

GSPS

telecom

receiver
and
feedback
IC

ADS58J89

([//www.ti.com/product/ADS58J89](http://www.ti.com/product/ADS58J89))

—

Quad
500MSPS
Receiver
and
Feedback
IC

ADS62PF49

([//www.ti.com/product/ADS62PF49](http://www.ti.com/product/ADS62PF49))

—

Dual
Channel
250MSPS
Feedback
Receiver
IC

TOUCHSCREEN
CONTROLLERS

ADS7843

([//www.ti.com/product/ADS7843](http://www.ti.com/product/ADS7843))

—

12-
bit
Analog-
to-
Digital
Converter
(ADC)
with
a
synchronous
serial
interface
and
touch
screen
con

ADS7843-

Q1

(//www.ti.com/product/ADS7843-

Q1)

—

Automotive

4-

wire

Touch

Screen

Controller

ADS7845

(//www.ti.com/product/ADS7845)

—

5-

wire

Touch

Screen

Controller

ADS7846

(//www.ti.com/product/ADS7846)

—

4-

wire

Touch

Screen

Controller

DIFFERENCE

AMPLIFIERS

INA105

(//www.ti.com/product/INA105)

—

Precision

Unity

Gain

Differential

Amplifier

INA106

(//www.ti.com/product/INA106)

—

Precision

Fixed-

Gain

Differential

Amplifier

INA117

(//www.ti.com/product/INA117)

—

High

Common-

Mode

Voltage

Difference

Amplifier

INA132

(//www.ti.com/product/INA132)

—

Low

Power,

Single-

Supply

Difference

Amplifier

INA133

(//www.ti.com/product/INA133)

—

1.5-

MHz,

450-

μV

offset,

0.95-

mA

power,

precision

difference

amplifier

INA143

(//www.ti.com/product/INA143)

—

High

speed

(5-

$\text{V}/\mu\text{s}$),

250-

μV

offset,

G=

10

or

G=

0.1

precision

difference

amplifier

INA145

(//www.ti.com/product/INA145)

—

Programmable

Gain

Difference

Amplifier

INA146

(//www.ti.com/product/INA146)

—

High-

Voltage,

Programmable

Gain

Difference

Amplifier

INA148

(//www.ti.com/product/INA148)

—

+-

200V

Common-

Mode

Voltage

Difference

Amplifier

INA148-

Q1

(//www.ti.com/product/INA148-

Q1)

—

Automotive

+-

200V

Common-
Mode

Voltage
Difference
Amplifier

INA149

(//www.ti.com/product/INA149)

—

High
Common
Mode

Voltage
Difference
Amplifier

INA149-

EP

(//www.ti.com/product/INA149-

EP)

—

Enhanced
Product
High
Common
Mode

Voltage
Difference
Amplifier

INA152

(//www.ti.com/product/INA152)

—

Single-
Supply
Difference
Amplifier

INA154

(//www.ti.com/product/INA154)

—

High-
Speed,
Precision
Difference
Amplifier
(G

=

1)

INA157

(//www.ti.com/product/INA157)

—

High-

Speed,

Precision

Difference

Amplifier

INA159

(//www.ti.com/product/INA159)

—

High-

Speed,

Precision

Gain

of

0.2

Level

Translation

Difference

Amplifier

INA159-

EP

(//www.ti.com/product/INA159-

EP)

—

Enhanced

Product

Precision,

Gain

of

0.2

Level

Translation

Difference

Amplifier

INA2132

(//www.ti.com/product/INA2132)

—

Dual,

Low

Power,
Single-
Supply
Difference
Amplifier

INA2133

(//www.ti.com/product/INA2133)

—

Dual

1.5-

MHz,

450-

μ V

offset,

0.95-

mA

power,

precision

difference

amplifier

INA2143

(//www.ti.com/product/INA2143)

—

Dual

high-

speed

(5-

V/ μ s),

250-

μ V

offset,

g=

10

or

g=

0.1

precision

difference

amplifier

INA500

(//www.ti.com/product/INA500)

—

Low-

power,

1-

MΩ

RIN,

20-

μA

IQ,

small-

size

attenuating

difference

amplifier

INA592

(//www.ti.com/product/INA592)

—

High-

precision

(40-

μV

offset),

2-

MHz,

88-

dB

CMRR,

low-

power,

e-

trim™

difference

amplifier

INA597

(//www.ti.com/product/INA597)

—

Precision

(200μV

offset),

2MHz,

88

dB

CMRR,

low

power,

e-

trim™

difference

amplifier

INSTRUMENTATION

AMPLIFIERS

INA101

(//www.ti.com/product/INA101)

—

Very

High

Accuracy

Instrumentation

Amplifier

INA103

(//www.ti.com/product/INA103)

—

Low

Noise,

Low

Distortion

Instrumentation

Amplifier

INA110

(//www.ti.com/product/INA110)

—

Fast-

Settling

FET-

Input

Very

High

Accuracy

Instrumentation

Amplifier

INA111

(//www.ti.com/product/INA111)

—

High

Speed

FET-

Input

Instrumentation

Amplifier

INA114

(//www.ti.com/product/INA114)

—

1-

MHz,

50-

μ V,

11-

nV/ $\sqrt{\text{Hz}}$,

3mA-

power,

precision

instrumentation

amplifier

INA115

(//www.ti.com/product/INA115)

—

1-

MHz,

50-

μ V,

11-

nV/ $\sqrt{\text{Hz}}$,

3mA-

power,

switched

gain

enabled

precision

instrumentation

amplifier

INA116

(//www.ti.com/product/INA116)

—

Ultra

Low

Input

Bias

Current

Instrumentation

Amplifier

INA118

[\(\[//www.ti.com/product/INA118\]\(http://www.ti.com/product/INA118\)\)](http://www.ti.com/product/INA118)

—

Precision,

Low

Power

Instrumentation

Amplifier

[INA121](#)

[\(\[//www.ti.com/product/INA121\]\(http://www.ti.com/product/INA121\)\)](http://www.ti.com/product/INA121)

—

FET-

Input,

Low

Power

Instrumentation

Amplifier

[INA122](#)

[\(\[//www.ti.com/product/INA122\]\(http://www.ti.com/product/INA122\)\)](http://www.ti.com/product/INA122)

—

Single

Supply,

MicroPower

Instrumentation

Amplifier

[INA125](#)

[\(\[//www.ti.com/product/INA125\]\(http://www.ti.com/product/INA125\)\)](http://www.ti.com/product/INA125)

—

Instrumentation

Amplifier

with

Precision

Voltage

Reference

[INA125-](#)

[DIE](#)

[\(\[\\[DIE\\]\\(#\\)\\)\]\(http://www.ti.com/product/INA125-</p></div><div data-bbox=\)](http://www.ti.com/product/INA125-)

—

Instrumentation

Amplifier

with

Precision

Voltage

Reference

INA126

(//www.ti.com/product/INA126)

—

36V

microPower

(175-

μ A),

250-

μ V

offset,

precision

instrumentation

amplifier

INA128

(//www.ti.com/product/INA128)

—

Precision,

130-

dB

CMRR,

700-

μ A,

Low-

Power,

Instrumentation

Amplifier

INA128-

HT

(//www.ti.com/product/INA128-

HT)

—

High

Temperature

Precision

Low

Power

Instrumentation

Amplifiers.

INA129

(//www.ti.com/product/INA129)

—

Precision,

Low

Power

Instrumentation

Amplifiers

INA129-

EP

(//www.ti.com/product/INA129-

EP)

—

Enhanced

Product

Precision,

Low

Power

Instrumentation

Amplifiers

INA129-

HT

(//www.ti.com/product/INA129-

HT)

—

High

Temperature

Precision,

Low

Power

Instrumentation

Amplifiers

INA131

(//www.ti.com/product/INA131)

—

Precision

G

=

100

Instrumentation

Amplifier

INA141

(//www.ti.com/product/INA141)

—

Precision,

Low

Power,

G

=

10,

100

Instrumentation

Amplifier

INA155

([//www.ti.com/product/INA155](http://www.ti.com/product/INA155))

—

5.5-

V

single-

Supply,

550-

KHz

(G=10),

6.5-

V/ μ s

slew

rate,

1-

mV

offset,

RRO,

CMOS

instrumentation

a

INA156

([//www.ti.com/product/INA156](http://www.ti.com/product/INA156))

—

5.5-

V

single-

supply,

550-

kHz

(G=10),

6.5-

V/ μ s

slew

rate,

8-

mV

offset,

RRO,

CMOS

instrumenta

INA163

(//www.ti.com/product/INA163)

—

Low-

Noise

Low-

Distortion

Instrumentation

Amplifier

INA166

(//www.ti.com/product/INA166)

—

Low-

Noise,

Low-

Distortion,

G=2000

Instrumentation

Amplifier

INA188

(//www.ti.com/product/INA188)

—

36-

V,

Zero-

Drift,

Rail-

to-

Rail-

Out

Instrumentation

Amplifier

INA2126

(//www.ti.com/product/INA2126)

—

Dual

36-

V

micropower

(175-

μA),

250-

μV

offset,

precision

instrumentation

amplifier

INA2128

([//www.ti.com/product/INA2128](http://www.ti.com/product/INA2128))

—

Dual,

Low

Power

Instrumentation

Amplifier

INA2141

([//www.ti.com/product/INA2141](http://www.ti.com/product/INA2141))

—

Dual,

Low

Power,

G

=

10,

100

Instrumentation

Amplifier

INA217

([//www.ti.com/product/INA217](http://www.ti.com/product/INA217))

—

Low

Noise,

Low-

Distortion

Instrumentation

Amplifier

Replacement

for

SSM2017

INA2321

([//www.ti.com/product/INA2321](http://www.ti.com/product/INA2321))

—

Dual
micropower
(40-
 μA)
plus
shutdown,
500-
 μV
offset,
10-
 pA
bias,
RRO
instrumentation
amp
INA2331
(//www.ti.com/product/INA2331)

—
Low-
power,
single-
supply,
CMOS,
instrumentation
amplifier
INA2332
(//www.ti.com/product/INA2332)

—
Low-
Power,
Single-
Supply,
CMOS
Instrumentation
Amplifiers
INA317
(//www.ti.com/product/INA317)

—
Micro-
power
(50 μA),
zero-
drift

(75 μ V

offset,

0.3 μ V/ $^{\circ}$ C),

precision

RRO

instrumentation

amplifier

INA321

([//www.ti.com/product/INA321](http://www.ti.com/product/INA321))

—

Micropower

(40-

μ A)

plus

shutdown,

500-

μ V

offset,

10-

pA

bias,

RRO

instrumentation

amp

INA322

([//www.ti.com/product/INA322](http://www.ti.com/product/INA322))

—

Micropower

(40-

μ A)

plus

shutdown,

2-

mV

offset,

10-

pA

bias,

RRO

instrumentation

amp

INA326

([//www.ti.com/product/INA326](http://www.ti.com/product/INA326))

—

Precision,

Low

Drift,

CMOS

Instrumentation

Amplifier

INA327

(//www.ti.com/product/INA327)

—

Precision,

Low

Drift,

CMOS

Instrumentation

Amplifier

with

Shutdown

INA330

(//www.ti.com/product/INA330)

—

Thermistor

Signal

Amplifier

for

Temperature

Control

INA331

(//www.ti.com/product/INA331)

—

Low-

Power,

Single

Supply,

CMOS,

Instrumentation

Amplifier

INA332

(//www.ti.com/product/INA332)

—

Low-

power,

single-

supply,
CMOS,
low-
cost,
instrumentation
amplifier
INA333
([//www.ti.com/product/INA333](http://www.ti.com/product/INA333))

—
Low-
Power,
Zero-
Drift,
Precision
Instrumentation
Amplifier
INA333-
HT
([//www.ti.com/product/INA333-](http://www.ti.com/product/INA333-HT)
[HT](http://www.ti.com/product/INA333-HT))

—
High
Temperature
Low
Power,
Precision
Instrumentation
Amplifier
INA333-
Q1
([//www.ti.com/product/INA333-](http://www.ti.com/product/INA333-Q1)
[Q1](http://www.ti.com/product/INA333-Q1))

—
Automotive
low-
power,
zero-
drift,
precision
instrumentation
amplifier
INA337
([//www.ti.com/product/INA337](http://www.ti.com/product/INA337))

—

Wide-

Temperature,

Precision

Instrumentation

Amplifier

INA338

([//www.ti.com/product/INA338](http://www.ti.com/product/INA338))

—

Wide-

Temperature,

Precision

Instrumentation

Amplifier

with

Shutdown

INA350

([//www.ti.com/product/INA350](http://www.ti.com/product/INA350))

—

Low-

power

(100

μA)

selectable-

gain

instrumentation

amplifier

available

in

8-

pin

WSO_N

(2

mm

by

2

mm)

INA351

([//www.ti.com/product/INA351](http://www.ti.com/product/INA351))

—

Tiny

(1.5-

mm

x
2-
mm)
low-
power
(110
 μA)
instrumentation
amplifier
with
integrated
reference
buffer
INA351A
(//www.ti.com/product/INA351A)

—
Low-
power
(110
 μA)
instrumentation
amplifier
with
integrated
reference
amp
to
enable
calibration
INA818
(//www.ti.com/product/INA818)

—
Low
power
(350-
 μA),
precision
instrumentation
amp
with
 ± 60 -
V
overvoltage

protection

(gain

pins

1,

8)

INA819

([//www.ti.com/product/INA819](http://www.ti.com/product/INA819))

—

Low

power

(350-

μ A),

precision

instrumentation

amp

with

\pm 60-

V

overvoltage

protection

(gain

pins

2,

3)

INA821

([//www.ti.com/product/INA821](http://www.ti.com/product/INA821))

—

High

bandwidth

(4.7MHz),

low

noise

(7nV/ $\sqrt{\text{Hz}}$),

precision

(35 μ V),

low-

power,

instrumentation

amp

INA823

([//www.ti.com/product/INA823](http://www.ti.com/product/INA823))

—

Precision

(100
 μV),
low-
power

(250
 μA),
wide-
supply

(2.7
V

to

36

V),

instrumentation

amplifier

INA826

([//www.ti.com/product/INA826](http://www.ti.com/product/INA826))

—

Precision,

200-

μA

Supply

Current,

36-

V

Supply

Instrumentation

Amplifier

INA826S

([//www.ti.com/product/INA826S](http://www.ti.com/product/INA826S))

—

200

μA ,

36V,

Rail-

to-

Rail

Out

Instrumentation

Amplifier

with

Shutdown

INA827

[\(\[//www.ti.com/product/INA827\]\(http://www.ti.com/product/INA827\)\)](http://www.ti.com/product/INA827)

—

Precision,

G>5,

200uA,

2.7-

V

to

36-

V

Supply

Instrumentation

Amplifier

[INA828](http://www.ti.com/product/INA828)

[\(\[//www.ti.com/product/INA828\]\(http://www.ti.com/product/INA828\)\)](http://www.ti.com/product/INA828)

—

50-

μV

Offset,

7-

nV/√Hz

Noise,

Low-

Power,

Precision

Instrumentation

Amplifier

[INA848](http://www.ti.com/product/INA848)

[\(\[//www.ti.com/product/INA848\]\(http://www.ti.com/product/INA848\)\)](http://www.ti.com/product/INA848)

—

Ultra-

low-

noise,

high-

bandwidth

instrumentation

amplifier

with

fixed

gain

of

2000

[INA849](http://www.ti.com/product/INA849)

[\(\[//www.ti.com/product/INA849\]\(http://www.ti.com/product/INA849\)\)](http://www.ti.com/product/INA849)

—

Ultra-

low

noise

(1

nV/ $\sqrt{\text{Hz}}$),

high-

speed

(28

MHz,

35

V/ μs)

precision

(35

μV)

instrumentation

amplifier

[INA851](http://www.ti.com/product/INA851)

[\(\[//www.ti.com/product/INA851\]\(http://www.ti.com/product/INA851\)\)](http://www.ti.com/product/INA851)

—

Low-

noise

(3.2

nV/ $\sqrt{\text{Hz}}$)

high-

speed

(22

MHz)

fully-

differential

instrumentation

amp

with

OVP

(± 40

V)

AUDIO

LINE

RECEIVERS

[INA134](http://www.ti.com/product/INA134)

[\(\[//www.ti.com/product/INA134\]\(http://www.ti.com/product/INA134\)\)](http://www.ti.com/product/INA134)

—

Single,

Audio

Differential

Line

Receivers,

0dB

(G=1)

INA137

([//www.ti.com/product/INA137](http://www.ti.com/product/INA137))

—

Single,

Audio

Differential

Line

Receivers,

+-

6dB

(G=1/2

or

2)

INA1650

([//www.ti.com/product/INA1650](http://www.ti.com/product/INA1650))

—

Dual

SoundPlus™

high

common-

mode

rejection

(91-

dB),

low

THD+N

(-

120-

dB)

differential

line

receiver

INA1650-

Q1

([//www.ti.com/product/INA1650-](http://www.ti.com/product/INA1650-Q1)

Q1)

—

Automotive,

High

Common-

mode

Rejection,

Low

Distortion

Differential

Audio

Line

Receiver

INA1651

([//www.ti.com/product/INA1651](http://www.ti.com/product/INA1651))

—

Soundplus™

high

common-

mode

rejection

(91-

dB),

low

THD+N

(-

120

dB)

differential

line

receiver

INA1651-

Q1

([//www.ti.com/product/INA1651-](http://www.ti.com/product/INA1651-Q1)

Q1)

—

SoundPlus™

high

common-

mode

rejection,

low

distortion

differential

line

receiver

for

automotive

INA2134

([//www.ti.com/product/INA2134](http://www.ti.com/product/INA2134))

—

Dual,

audio

differential

line

receivers,

0

dB

(g=1)

INA2134-

EP

([//www.ti.com/product/INA2134-](http://www.ti.com/product/INA2134-EP)

EP)

—

Enhanced

Product

Audio

Differential

Line

Receiver

0dB

(G

=

1)

INA2137

([//www.ti.com/product/INA2137](http://www.ti.com/product/INA2137))

—

Dual,

audio

differential

line

receivers,

+/-

6

dB

(g=1/2

or

2)

ANALOG
CURRENT-
SENSE
AMPLIFIERS

INA138

[\(\[//www.ti.com/product/INA138\]\(http://www.ti.com/product/INA138\)\)](http://www.ti.com/product/INA138)

—

2.7

to

36V,

800kHz

Variable

gain

current

sense

amplifier

INA138-

Q1

[\(\[//www.ti.com/product/INA138-\]\(http://www.ti.com/product/INA138-Q1\)](http://www.ti.com/product/INA138-Q1)

[Q1\)](http://www.ti.com/product/INA138-Q1)

—

AEC-

Q100,

2.7

to

36V,

800kHz

Variable

gain

current

sense

amplifier

INA139

[\(\[//www.ti.com/product/INA139\]\(http://www.ti.com/product/INA139\)\)](http://www.ti.com/product/INA139)

—

2.7

to

36V,

440kHz

Variable

gain

current

sense

amplifier

INA139-

Q1

(//www.ti.com/product/INA139-

Q1)

—

AEC-

Q100,

2.7

to

36V,

440kHz

Variable

gain

current

sense

amplifier

INA168

(//www.ti.com/product/INA168)

—

2.7

to

60V,

800kHz

Variable

gain

current

sense

amplifier

INA168-

Q1

(//www.ti.com/product/INA168-

Q1)

—

AEC-

Q100,

2.7

to

60V,

800kHz

Variable

gain

current

sense

amplifier

INA169

(//www.ti.com/product/INA169)

—

2.7

to

60V,

440kHz

Variable

gain

current

sense

amplifier

INA169-

Q1

(//www.ti.com/product/INA169-

Q1)

—

AEC-

Q100,

2.7

to

60V,

440kHz

Variable

gain

current

sense

amplifier

INA170

(//www.ti.com/product/INA170)

—

2.7

to

60V,

bi-

directional,

400kHz

Variable

gain

current

sense

amplifier

INA180

(//www.ti.com/product/INA180)

—

26V,

350kHz

current

sense

amplifier

INA180-

Q1

(//www.ti.com/product/INA180-

Q1)

—

AEC-

Q100,

26V,

350kHz

current

sense

amplifier

INA181

(//www.ti.com/product/INA181)

—

26-

V bi-

directional 350-

kHz

current-

sense

amplifier

INA181-

Q1

(//www.ti.com/product/INA181-

Q1)

—

AEC-

Q100,

26V,

bi-

directional,

350kHz

current

sense

amplifier

INA183

(//www.ti.com/product/INA183)

—

2.7-

V

to

26-

V,

high-

precision

current

sense

amplifier

with

input

supply

INA185

(//www.ti.com/product/INA185)

—

26-

V, 350-

kHz, bi-

directional, high-

precision

current

sense

amplifier

in

ultra-

small

SOT-

563 package

INA186

(//www.ti.com/product/INA186)

—

40-

V,

bidirectional,

high-

precision

current

sense

amplifier

with

picoamp

input

bias

&

ENABLE

INA186-

Q1

(//www.ti.com/product/INA186-

Q1)

—

AEC-

Q100,

40-

V,

bidirectional,

high-

precision

current

sense

amplifier

w/

picoamp

input

bias

&

ENABLE

INA190

(//www.ti.com/product/INA190)

—

40-

V,

bidirectional,

ultraprecise

current

sense

amplifier

with

picoamp

IB

&

ENABLE

INA190-

EP

(//www.ti.com/product/INA190-

EP)

—

Enhanced

product,

40-

V,

bidirectional,

ultraprecise

current

sense

amplifier

with

picoamp

IB

&

EN

INA190-

Q1

(//www.ti.com/product/INA190-

Q1)

—

AEC-

Q100,

40V,

bi-

directional,

ultra-

precise

current

sense

amplifier

w/picoamp

IB

&

ENABLE

INA191

(//www.ti.com/product/INA191)

—

40V,

ultra-

precise
current
sense
amplifier
with
ENABLE
and
picoamp
IB

in
WCSP

INA193

(//www.ti.com/product/INA193)

—

-

16

to

80V,

500kHz

current

sense

amplifier

INA193A-

EP

(//www.ti.com/product/INA193A-

EP)

—

Enhanced

product,

-

16

to

80V,

500-

kHz

current

sense

amplifier

INA193A-

Q1

(//www.ti.com/product/INA193A-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

INA194

(//www.ti.com/product/INA194)

—

-

16

to

80V,

500kHz

current

sense

amplifier

INA194A-

Q1

(//www.ti.com/product/INA194A-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

INA195

(//www.ti.com/product/INA195)

—

-

16

to

80V,

500kHz

current

sense

amplifier

INA195A-

Q1

(//www.ti.com/product/INA195A-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

INA196

(//www.ti.com/product/INA196)

—

-

16

to

80V,

500kHz

current

sense

amplifier

INA196A-

Q1

(//www.ti.com/product/INA196A-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

INA197

(//www.ti.com/product/INA197)

—

-

16

to

80V,

500kHz

current

sense

amplifier

INA197A-

Q1

(//www.ti.com/product/INA197A-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

INA198

(//www.ti.com/product/INA198)

—

-

16

to

80V,

500kHz

current

sense

amplifier

INA198A-

Q1

(//www.ti.com/product/INA198A-

Q1)

—

AEC-
Q100,

-

16
to
80V,
500kHz
current
sense
amplifier
INA199

(//www.ti.com/product/INA199)

—

26V,
bi-
directional
current
sense
amplifier
INA199-

Q1
(//www.ti.com/product/INA199-
Q1)

—

AEC-
Q100,
26V,
bi-
directional
current
sense
amplifier
INA200

(//www.ti.com/product/INA200)

—

-

16
to
80V,
500kHz
current
sense

amplifier

w/

comparator

INA200-

Q1

(//www.ti.com/product/INA200-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

w/

comparator

INA201

(//www.ti.com/product/INA201)

—

-

16

to

80V,

500kHz

current

sense

amplifier

w/

comparator

INA201-

Q1

(//www.ti.com/product/INA201-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

w/

comparator

INA202

(//www.ti.com/product/INA202)

—

-

16

to

80V,

500kHz

current

sense

amplifier

w/

comparator

INA202-

Q1

(//www.ti.com/product/INA202-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

w/

comparator

INA203

(//www.ti.com/product/INA203)

—

-

16

to

80V,
500kHz
current
sense
amplifier

w/
dual
comparators

INA203-

Q1

(//www.ti.com/product/INA203-

Q1)

—

AEC-

Q100,

-

16

to

80V,

500kHz

current

sense

amplifier

w/

dual

comparators

INA204

(//www.ti.com/product/INA204)

—

-

16

to

80V,

500kHz

current

sense

amplifier

w/

dual

comparators

INA205

(//www.ti.com/product/INA205)

—

-

16

to

80V,

500kHz

current

sense

amplifier

w/

dual

comparators

INA206

(//www.ti.com/product/INA206)

—

-

16

to

80V,

500kHz

current

sense

amplifier

w/

window

comparator

INA207

(//www.ti.com/product/INA207)

—

-

16

to

80V,

500kHz

current

sense

amplifier

w/

window

comparator

INA208

(//www.ti.com/product/INA208)

—

-

16

to

80V,

500kHz

current

sense

amplifier

w/

window

comparator

INA210

(//www.ti.com/product/INA210)

—

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA210-

Q1

(//www.ti.com/product/INA210-

Q1)

—

AEC-

Q100,

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA211

(//www.ti.com/product/INA211)

—

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA211-

Q1

(//www.ti.com/product/INA211-

Q1)

—

AEC-

Q100,

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA212

(//www.ti.com/product/INA212)

—

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA212-

Q1

(//www.ti.com/product/INA212-

Q1)

—

AEC-

Q100,

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA213

(//www.ti.com/product/INA213)

—

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA213-

Q1

(//www.ti.com/product/INA213-

Q1)

—

AEC-

Q100,

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA214

(//www.ti.com/product/INA214)

—

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA214-

Q1

(//www.ti.com/product/INA214-

Q1)

—

AEC-

Q100,

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA215

(//www.ti.com/product/INA215)

—

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA215-

Q1

(//www.ti.com/product/INA215-

Q1)

—

AEC-

Q100,

26V,

bi-

directional,

high-

precision

current

sense

amplifier

INA216

(//www.ti.com/product/INA216)

—

1.8

to

5.5V,

high-
precision
current
sense
amplifier
in

wcsp

INA2180

(//www.ti.com/product/INA2180)

—

26V,

dual

channel,

350kHz

current

sense

amplifier

INA2180-

Q1

(//www.ti.com/product/INA2180-

Q1)

—

AEC-

Q100,

26V,

dual

channel,

350kHz

current

sense

amplifier

INA2181

(//www.ti.com/product/INA2181)

—

26V,

dual

channel,

bi-

directional,

350kHz

current

sense

amplifier

INA2181-

Q1

(//www.ti.com/product/INA2181-

Q1)

—

AEC-

Q100,

26V,

dual

channel,

bi-

directional,

350kHz

current

sense

amplifier

INA2191

(//www.ti.com/product/INA2191)

—

40-

V,

dual-

channel,

bidirectional,

ultraprecise

current

sense

amp

w/

picoamp

IB

&

ENABLE

in

wcsp

INA223

(//www.ti.com/product/INA223)

—

26V,

programmable-

gain

current

sense

amplifier

&

analog

power

monitor

INA225

(//www.ti.com/product/INA225)

—

36V,

bi-

directional

current

sense

amplifier

w/

four

pin-

selectable

gain

settings

INA225-

Q1

(//www.ti.com/product/INA225-

Q1)

—

AEC-

Q100,

36V,

bi-

directional

current

sense

amplifier

w/

four

pin-

selectable

gain

settings

INA2290

(//www.ti.com/product/INA2290)

—

Dual-

channel,

2.7-

V

to

120-

V,

1.1-

MHz,

ultra-

precise

current

sense

amplifier

INA240

([//www.ti.com/product/INA240](http://www.ti.com/product/INA240))

—

-

4

to

80V,

bidirectional,

ultra-

precise

current

sense

amplifier

with

enhanced

PWM

rejection

INA240-

Q1

([//www.ti.com/product/INA240-](http://www.ti.com/product/INA240-Q1)

Q1)

—

AEC-

Q100,

-

4

to

80V,

bi-

directional,

ultra-
precise
current
sense
amplifier
w/
enhanced

pwm
rejection

INA240-

SEP

(//www.ti.com/product/INA240-

SEP)

—

-

4

to

80V,

ultra-

precise

current

sense

amplifier

w/

enhanced

pwm

rejection

in

space

enhanced

plastic

INA241A

(//www.ti.com/product/INA241A)

—

-

5-

V

to

110-

V

bidirectional

ultraprecise

current

sense

amplifier

with

enhanced

PWM

rejection

INA241A-

Q1

([//www.ti.com/product/INA241A-](http://www.ti.com/product/INA241A-Q1)

Q1)

—

AEC-

Q100,

-

4-

V

to

110-

V

bidirectional

ultraprecise

current

sense

amp

with

enhanced

PWM

rejection

INA241B

([//www.ti.com/product/INA241B\)](http://www.ti.com/product/INA241B)

—

-

5-

V

to

110-

V

bidirectional

high-

precision

current

sense

amplifier

with

enhanced

PWM

rejection

INA241B-

Q1

(//www.ti.com/product/INA241B-

Q1)

—

AEC-

Q100,

-

4-

V

to

110-

V

bidirectional

high-

precision

current

sense

amp

with

enhanced

PWM

rejection

INA270

(//www.ti.com/product/INA270)

—

-

16

to

80V,

split-

stage

current

sense

amplifier

w/

in-

line

filter

capability

INA270A-

Q1

(//www.ti.com/product/INA270A-

Q1)

—

AEC-

Q100,

-

16

to

80V,

split-

stage

current

sense

amplifier

w/

in-

line

filter

capability

INA271

(//www.ti.com/product/INA271)

—

-

16

to

80V,

split-

stage

current

sense

amplifier

w/

in-

line

filter

capability

INA271-

HT

(//www.ti.com/product/INA271-

HT)

—

High
temp,

-

16
to
80V,
split-
stage
current
sense
amplifier
w/
in-
line
filter
capability
INA271A-
Q1

(//www.ti.com/product/INA271A-
Q1)

—

AEC-
Q100,

-

16
to
80V,
split-
stage
current
sense
amplifier
w/
in-
line
filter
capability
INA280
(//www.ti.com/product/INA280)

—

2.7-
V

to
120-
V,
1.1-
MHz,
high-
precision
current
sense
amplifier
in
small
(SC-
70)
package
INA280-
Q1
(//www.ti.com/product/INA280-
Q1)
—
AEC-
Q100,
2.7-
V
to
120-
V,
1.1-
Mhz
current
sense
amplifier
in
small
(SC-
70)
package
INA281
(//www.ti.com/product/INA281)
—
-
4-
V

to

110-

V,

1.3-

MHz,

high-

precision

current

sense

amplifier

INA281-

Q1

([//www.ti.com/product/INA281-](http://www.ti.com/product/INA281-Q1)

Q1)

—

AEC-

Q100,

-

4-

V

to

110-

V,

1.3-

MHz

current

sense

amplifier

INA282

([//www.ti.com/product/INA282\)](http://www.ti.com/product/INA282)

—

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA282-

Q1

([//www.ti.com/product/INA282-](http://www.ti.com/product/INA282-Q1)

Q1)

—

AEC-

Q100,

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA283

(//www.ti.com/product/INA283)

—

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA283-

Q1

(//www.ti.com/product/INA283-

Q1)

—

AEC-

Q100,

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA284

(//www.ti.com/product/INA284)

—

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA284-

Q1

(//www.ti.com/product/INA284-

Q1)

—

AEC-

Q100,

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA285

(//www.ti.com/product/INA285)

—

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA285-

Q1

(//www.ti.com/product/INA285-

Q1)

—

AEC-

Q100,

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA286

(//www.ti.com/product/INA286)

—

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA286-

Q1

(//www.ti.com/product/INA286-

Q1)

—

AEC-

Q100,

-

14

to

80V,

bi-

directional

current

sense

amplifier

INA290

(//www.ti.com/product/INA290)

—

2.7

to
120V,
1.1MHz,
ultra-
precise
current
sense
amplifier

in
small
(SC-
70)
package
INA290-

Q1
(//www.ti.com/product/INA290-
Q1)

—
AEC-
Q100,
2.7-
V

to
120-
V,
1.1-
MHz,
ultra-
precise
current
sense
amplifier

in
small
(SC-
70)
package
INA293

(//www.ti.com/product/INA293)

—
-
4-
V

to

110-

V,

1.3-

MHz,

ultra-

precise

current

sense

amplifier

INA293-

Q1

([//www.ti.com/product/INA293-](http://www.ti.com/product/INA293-Q1)

Q1)

—

AEC-

Q100,

-

4-

V

to

110-

V,

1.3-

MHz,

ultra-

precise

current

sense

amplifier

INA296A

([//www.ti.com/product/INA296A\)](http://www.ti.com/product/INA296A)

—

-

5-

V

to

110-

V,

bidirectional,

1.1-

MHz

8-

V/ μ s

ultraprecise

current

sense

amplifier

INA296A-

Q1

(//www.ti.com/product/INA296A-

Q1)

—

AEC-

Q100,

-

5-

V

to

110-

V,

bidirectional,

1.1-

MHz

8-

V/ μ s

ultraprecise

current

sense

amplifier

INA296B

(//www.ti.com/product/INA296B)

—

-

5-

V

to

110-

V,

bidirectional,

1.1-

MHz

8-

V/ μ s

high-

precision

current

sense

amplifier

INA296B-

Q1

(//www.ti.com/product/INA296B-

Q1)

—

AEC-

Q100,

-

5-

V

to

110-

V,

bidirectional,

1.1-

MHz

8-

V/ μ s

high-

precision

current

sense

amplifier

INA300

(//www.ti.com/product/INA300)

—

36V

current

sense

comparator

INA300-

Q1

(//www.ti.com/product/INA300-

Q1)

—

AEC-

Q100,

36V

current

sense

comparator

INA301

(//www.ti.com/product/INA301)

—

36V,

550kHz,

4V/ μ s,

high-

precision

current

sense

amplifier

w/

comparator

INA301-

Q1

(//www.ti.com/product/INA301-

Q1)

—

AEC-

Q100,

36V,

550kHz,

4V/ μ s,

high-

precision

current

sense

amplifier

w/

comparator

INA302

(//www.ti.com/product/INA302)

—

36V,

bi-

directional,

550kHz,

4V/ μ s,

high-

precision

current

sense

amplifier

w/

dual

comparators

INA302-

Q1

(//www.ti.com/product/INA302-

Q1)

—

AEC-

Q100,

36V,

bi-

directional,

550kHz,

4V/ μ s,

high-

precision

current

sense

amp

w/

dual

comparators

INA303

(//www.ti.com/product/INA303)

—

36V,

bi-

directional,

550kHz,

4V/ μ s,

high-

precision

current

sense

amplifier

w/

window

comparator

INA303-

Q1

(//www.ti.com/product/INA303-

Q1)

—

AEC-

Q100,

36V,

bi-

directional,

550kHz,

4V/μs,

high-

precision

current

sense

amp

w/

window

comparator

INA310A

(//www.ti.com/product/INA310A)

—

-

4-

V

to

110-

V,

1.3-

MHz,

ultra-

precise

current-

sense

amplifier

with

comparator

INA310A-

Q1

(//www.ti.com/product/INA310A-

Q1)

—

AEC-

Q100 -

4-

V

to

110-

V 1.3-

MHz

ultra-

precise

current-

sense

amplifier

with

comparator

and

reference

INA310B

(//www.ti.com/product/INA310B)

—

-

4-

V

to

110-

V

1.3-

MHz

high-

precision

current-

sense

amplifier

with

comparator

INA310B-

Q1

(//www.ti.com/product/INA310B-

Q1)

—

AEC-

Q100

-

4-

V

to

110-

V

1.3-

MHz

high

precision

current-

sense

amplifier

with

comparator

and

reference

INA381

([//www.ti.com/product/INA381](http://www.ti.com/product/INA381))

—

26-

V,

350-

kHz

current

sense

amplifier

with

integrated

over-

current

comparator

INA381-

Q1

([//www.ti.com/product/INA381-](http://www.ti.com/product/INA381-Q1)

Q1)

—

AEC-

Q100,

26-

V,

350-

kHz

current

sense

amplifier

with

integrated
overcurrent
comparator

INA4180

(//www.ti.com/product/INA4180)

—

26V,
quad
channel,
350kHz
current

sense
amplifier

INA4180-

Q1

(//www.ti.com/product/INA4180-

Q1)

—

AEC-
Q100,
26V,
quad
channel,
350kHz
current

sense
amplifier

INA4181

(//www.ti.com/product/INA4181)

—

26V,
quad
channel,
bi-
directional,
350kHz
current

sense
amplifier

INA4181-

Q1

(//www.ti.com/product/INA4181-

Q1)

—

AEC-

Q100,

26V,

quad

channel,

bi-

directional,

350kHz

current

sense

amplifier

INA4290

([//www.ti.com/product/INA4290](http://www.ti.com/product/INA4290))

—

Quad-

channel,

120-

V,

high-

voltage,

high-

bandwidth,

unidirectional

current

sense

amplifier

INA901-

SP

([//www.ti.com/product/INA901-](http://www.ti.com/product/INA901-SP)

SP)

—

Radiation

hardened,

-

15-

V

to

65-

V,

split-

stage

current

sense
amplifier
with
in-
line
filter

option
DIGITAL
POWER
MONITORS

INA209

(//www.ti.com/product/INA209)

—

26V,
12-
bit,
i2c
output
current/voltage/power
monitor

w/
analog
comparator

INA219

(//www.ti.com/product/INA219)

—

26-
V
12-
bit

I2C
output
digital
power
monitor

INA220

(//www.ti.com/product/INA220)

—

26V,
12-
bit,
i2c
output
current/voltage/power

monitor

INA220-

Q1

(//www.ti.com/product/INA220-

Q1)

—

AEC-

Q100,

26V,

12-

bit,

i2c

output

current/voltage/power

monitor

INA226

(//www.ti.com/product/INA226)

—

36V,

16-

bit,

ultra-

precise

i2c

output

current/voltage/power

monitor

w/alert

INA226-

Q1

(//www.ti.com/product/INA226-

Q1)

—

AEC-

Q100,

36V,

16-

bit,

ultra-

precise,

i2c

output

current/voltage/power

monitor

w/alert

INA228

(//www.ti.com/product/INA228)

—

85-

V,

20-

bit,

ultra-

precise,

I2C

output

current/voltage/power/energy/charge

monitor

with

alert

INA228-

Q1

(//www.ti.com/product/INA228-

Q1)

—

AEC-

Q100,

85-

V,

20-

bit,

ultraprecise,

I²C output

current/voltage/power/energy/charge

monitor

INA229

(//www.ti.com/product/INA229)

—

85-

V,

20-

bit,

ultra-

precise,

SPI

output

current/voltage/power/energy/charge

monitor

with

alert

INA229-

Q1

(//www.ti.com/product/INA229-

Q1)

—

AEC-

Q100,

85-

V,

20-

bit,

ultraprecise,

SPI

output

current/voltage/power/energy/charge

monitor

INA230

(//www.ti.com/product/INA230)

—

36-

V,

16-

bit,

I²C

output

current,

voltage

and

power

monitor

with

alert

INA231

(//www.ti.com/product/INA231)

—

28V,

16-

bit,

i2c

output

current/voltage/power

monitor

w/alert

in

wcsp

INA232

(//www.ti.com/product/INA232)

—

48-

V,

16-

bit

high-

precision

I²C

output

digital

power

monitor

with

alert

INA233

(//www.ti.com/product/INA233)

—

36V,

16-

bit,

ultra-

precise

i2c

&

pmbus

output

current/voltage/power/energy

monitor

w/alert

INA234

(//www.ti.com/product/INA234)

—

28-

V,

12-

bit,
I²C
output
current/voltage/power
monitor
with
alert
in
WCSP
INA236
(//www.ti.com/product/INA236)

—
48-
V,
16-
bit
ultraprecise
I²C
output
digital
power
monitor
with
alert
in
WCSP
INA237
(//www.ti.com/product/INA237)

—
85-
V,
16-
bit,
I²C
output
current/voltage/power
monitor
with
alert
INA237-
Q1
(//www.ti.com/product/INA237-
Q1)

—

AEC-

Q100,

85-

V,

16-

bit,

I²C

output

current/voltage/charge

monitor

INA238

(//www.ti.com/product/INA238)

—

85-

V,

16-

bit,

high-

precision

I²C

output

current/voltage/power

monitor

with

alert

INA238-

Q1

(//www.ti.com/product/INA238-

Q1)

—

AEC-

Q100,

85-

V,

16-

bit,

high-

precision,

I²C

output

current/voltage/charge

monitor

INA239

(//www.ti.com/product/INA239)

—

85-

V,

16-

bit,

high-

precision,

SPI

output

current/voltage/power

monitor

with

alert

INA239-

Q1

(//www.ti.com/product/INA239-

Q1)

—

AEC-

Q100,

85-

V,

16-

bit,

high-

precision,

SPI

output

current/voltage/power

monitor

INA3221

(//www.ti.com/product/INA3221)

—

26V,

triple

channel,

13-

bit,

i2c

output

current/voltage

monitor

w/alerts

INA3221-

Q1

(//www.ti.com/product/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

(//www.ti.com/product/INA250)

—

36V,

bi-

directional,

precision

current

sense

amplifier

w/int.

shunt

resistor

INA250-

Q1

(//www.ti.com/product/INA250-

Q1)

—

AEC-

Q100,

36V,

bi-

directional,

precision

current

sense

amplifier

w/int.

shunt

resistor

INA253

(//www.ti.com/product/INA253)

—

80V,

bi-

directional,

precision

current

sense

amp

w/pwm

rejection

&

int.

shunt

resistor

INA253-

Q1

(//www.ti.com/product/INA253-

Q1)

—

AEC-

Q100,

80V,

bi-

directional,

precision

current

sense

amp

w/pwm

rejection

&

int.

shunt

resistor

INA254

(//www.ti.com/product/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

(//www.ti.com/product/INA260)

—

36V,

16-

bit,

precision

i2c

output

current/voltage/power

monitor

w/

int.

shunt

resistor

INA700

(//www.ti.com/product/INA700)

—

40-

V 16-

Bit I²C

output

digital

power

monitor

in

WCSP

with EZShunt™

Technology

INA740A

(//www.ti.com/product/INA740A)

—

85-

V,

16-

bit

high-

precision

I²C-

output

digital

power

monitor

with

800-

μΩ

EZShunt™

Technology

INA740B

(//www.ti.com/product/INA740B)

—

85-

V

16-

bit

I²C-

output

digital

power

monitor

with

800-

$\mu\Omega$

EZShunt™

Technology

INA741

(//www.ti.com/product/INA741)

—

85-

V,

20-

bit

ultra-

precise

I²C-

output

digital

power

monitor

with

800-

$\mu\Omega$

EZShunt™

Technology

INA745A

(//www.ti.com/product/INA745A)

—

40-

V,

16-

bit

high-

precision

I²C-

output

digital

power

monitor

with

800-

μΩ

EZShunt™

Technology

INA745B

(//www.ti.com/product/INA745B)

—

40-

V

16-

bit

I²C-

output

digital

power

monitor

with

800-

μΩ

EZShunt™

Technology

INA746

(//www.ti.com/product/INA746)

—

40-

V,

20-

bit

ultra-

precise

I²C-

output

digital

power

monitor

with

800-

μΩ

EZShunt™

Technology

INA780A

(//www.ti.com/product/INA780A)

—

85-

V,
16-
bit
high-
precision
I²C-
output
digital
power
monitor
with
400-
μΩ
EZShunt™
Technology
INA780B
(//www.ti.com/product/INA780B)

—
85-
V
16-
bit
I²C-
output
digital
power
monitor
with
400-
μΩ
EZShunt™
Technology
INA781
(//www.ti.com/product/INA781)

—
85-
V,
20-
bit
ultra-
precise
I²C-
output

digital
power
monitor
with
400-
 $\mu\Omega$
EZShunt™
Technology
DIE
&
WAFER
SERVICES

ADS1282-

HT

(//www.ti.com/product/ADS1282-

HT)

—

High-
temperature
ultra-
high-
resolution
delta-
sigma
ADC
with
PGA
for
seismic
and
energy
exploration

lock Download options

SIMULATION TOOL

PSPICE-FOR-TI (/tool/PSPICE-FOR-TI) — PSpice® for TI design and
simulation tool

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 (...)

Request

<https://www.ti.com/event/docs/accesseventaction.tsp?actionId=3228>

SIMULATION TOOL

TINA-TI (/tool/TINA-TI) – SPICE-based analog simulation program

TINA-TI provides all the conventional DC, transient and frequency domain analysis of SPICE and much more. TINA has extensive post-processing capability that allows you to format results the way you want them. Virtual instruments allow you to select input waveforms and probe circuit nodes voltages (...)

User guide: [PDF \(/lit/pdf/sbou052\)](/lit/pdf/sbou052)

View

options

[\(/tool/TINA-TI\)](/tool/TINA-TI)

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

Latest version

Version: 1.71

Release date: 19 Jan 2024

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Analog Engineer's Calc Installer

lock = Requires export approval (1 minute)

Precision op amps (Vos<1mV)

[INA1620 \(/product/INA1620\)](/product/INA1620)

[OPA130 \(/product/OPA130\)](/product/OPA130)

[OPA131 \(/product/OPA131\)](/product/OPA131)

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[OPA3S328 \(/product/OPA3S328\)](/product/OPA3S328)

[OPA404 \(/product/OPA404\)](/product/OPA404)

[OPA4140 \(/product/OPA4140\)](/product/OPA4140)

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Line drivers

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Transconductance amplifiers & laser drivers

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[INA781 \(/product/INA781\)](/product/INA781)

Die & wafer services

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Documentation

[open-in-new Analog_Engineers_Calculator_1.71_manifest.html \(https://dr-download.ti.com/design-tools-simulation/calculation-tool/MD-48rUIQGcXc/1.71/Analog_Engineers_Calculator_1.71_manifest.html\)](https://dr-download.ti.com/design-tools-simulation/calculation-tool/MD-48rUIQGcXc/1.71/Analog_Engineers_Calculator_1.71_manifest.html)

Software Manifest

Release Information

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. Previously, 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 (accessible 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

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lock [ADS86xxEVM-PDK GUI \(zip\) \(https://dr-download.ti.com/secure/software-development/gui-for-evaluation-module-evm/MD-3MMRL7ktVv/01.00.00.00/sbac139.zip\)](https://dr-download.ti.com/secure/software-development/gui-for-evaluation-module-evm/MD-3MMRL7ktVv/01.00.00.00/sbac139.zip) — 168685 K

lock = Requires export approval (1 minute)

Precision ADCs

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[ADS8684A \(/product/ADS8684A\)](/product/ADS8684A)

[ADS8694 \(/product/ADS8694\)](/product/ADS8694)

Release Information

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.