

Sample & Buy



Features and Benefits

- All Inputs (X, Y and Z) Differential High Impedance for [(X1 - X2) (Y1 - Y2)/10 V] + Z2 Transfer Function
- Scale-Factor Adjustable to Provide up to X100 Gain
- Low Noise Design: 90 μV rms typical, 10 Hz-10 kHz
- Excellent Long Term Stability

Product Categories

Application Specific

- Aerospace
- Military/Aerospace

Product Details

The AD534 is a monolithic laser trimmed four-quadrant multiplier divider having accuracy specifications previously found only in expensive hybrid or modular products. Excellent supply rejection, low temperature coefficients and long term stability of the on-chip thin film resistors and buried Zener reference preserve accuracy even under adverse conditions of use. It is the first multiplier to offer fully differential, high impedance operation on all inputs, including the Z-input, a feature which greatly increases its flex-NC ibility and ease of use. The scale factor is pretrimmed to the standard value of 10.00 V; by means of an external resistor, this can be reduced to values as low as 3 V.

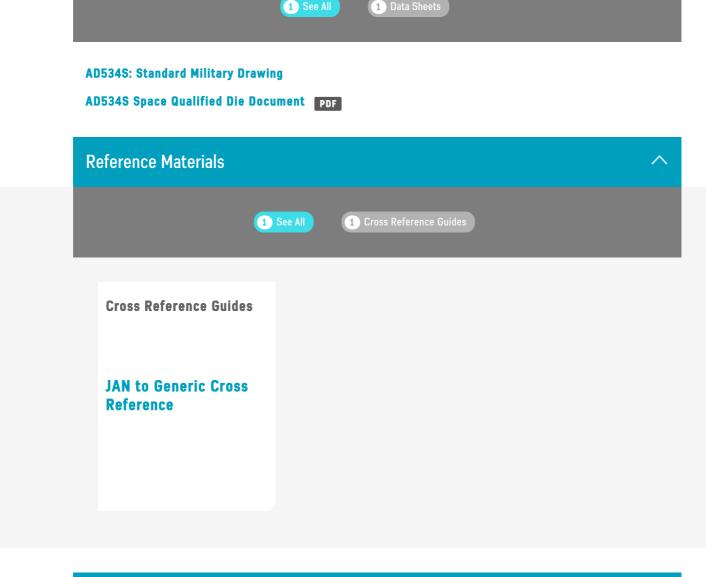
Product Lifecycle

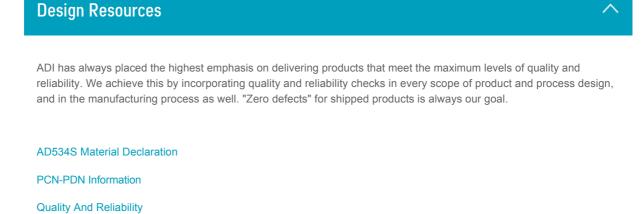


Production

At least one model within this product family is in production and available for purchase. The product is appropriate for new designs but newer alternatives may exist.

Documentation









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Model	Package	Pins	Temp Range	Packing Qty	Price (100- 499)	Price (1000+)	RoHS	Order from Analog Devices
5962-9053701VCA PCN Production	S/B OR B/B CERAMIC DIP	14	-55 to 125C	Tube, 25	-	-	N √ Info	Contact ADI
AD5340000C PCN Production	CHIPS OR DIE	0	-55 to 125C	Tray, 100	-	-	Y √ Info	Contact ADI
Back Select a country Y Check I								Check Inventory

The USA list pricing shown is for BUDGETARY USE ONLY, shown in United States dollars (FOB USA per unit for the stated volume), and is subject to change. International prices may differ due to local duties, taxes, fees and exchange rates. For volume-specific price or delivery quotes, please contact your local Analog Devices, Inc. sales office or authorized distributor. Pricing displayed for Evaluation Boards and Kits is based on 1-piece pricing.

Price Table Help

15,000
Problem Solvers

4,700+

Patents Worldwide

125,000

Customers

50+

Years

Ahead of What's Possible

ADI enables our customers to interpret the world around us by intelligently bridging the physical and digital with unmatched technologies that sense, measure and connect. We collaborate with our customers to accelerate the pace of innovation and create breakthrough solutions that are ahead of what's possible.

See the Innovations

Analog Devices. Dedicated to solving the toughest engineering challenges.

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