

A5931: Three Phase Sensorless Fan Driver

The A5931 is a three phase sensorless BLDC fan driver IC that incorporates sinusoidal drive to minimize audible noise and vibration.

A flexible closed-loop speed control system is integrated into the IC. This eliminates the requirement for a microprocessor-based system and minimizes programming requirements.

The A5931 device is available in both commercial and automotive grade.

DATASHEETS

[Contact Marketing for Commercial Datasheet](#)

[Contact Marketing for Automotive Datasheet](#)

SAMPLE & BUY

Kitchen & Kutchin (*Allegro & Sanken Semiconductors, Sanken Power Supplies*)
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Woburn, MA 01801
Phone: (781)782-0700
Fax: (781)782-0705
Web: www.kitchenkutchin.com

If this is not your local representative, [find your local sales rep here](#).

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FEATURES & BENEFITS

PACKAGING

TECHNICAL DOCS

NEWS

- 180° sinusoidal drive - low audible noise and vibration
- Motor position using Allegro's sensorless algorithm - eliminates external Hall sensors

A5931 Product Image



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Part Number Specifications and Availability

Part Number	Package Type	Temperature	RoHS Compliant	Part Composition / RoHS Data	Comments	Samples	Check Distributor Stock
A5931GESTR-T	24-lead QFN	-40°C to 105°C	Yes	View Data		Contact your local sales rep	Check Stock
A5931GLPTR-T	16-lead TSSOP	-40°C to 105°C	Yes	View Data		Contact your local sales rep	Check Stock
A5931KLPTR-T	16-lead TSSOP	-40°C to 125°C	Yes	View Data		Contact your local sales rep	Check Stock

Allegro's products are not to be used in any devices or systems, including but not limited to life support devices or systems, in which a failure of Allegro's product can reasonably be expected to cause bodily harm.