±450°/sec Precision Angular Rate Sensor

Silicon Anomaly

ADIS16136

This anomaly list describes the known bugs, anomalies, and workarounds for the ADIS16136.

Analog Devices, Inc., is committed, through future silicon revisions, to continuously improve silicon functionality. Analog Devices tries to ensure that these future silicon revisions remain compatible with your present software/systems by implementing the recommended workarounds outlined here.

PERFORMANCE ISSUES

Table 1. Alarm Variation with Temperature [ER001]

Background	The ADIS16136 provides user-programmable alarms for monitoring.
Issue	On units that have earlier date codes than 1146, the alarm trip points vary with temperature when using the unfiltered data option (ALM_CTRL[3] = 0).
Workaround	On units that have earlier date codes than 1146, use the filtered data option (set ALM_CTRL[3] = 1) to achieve best stability in the alarm trip points. On units that have date codes of 1146 or later, this issue has been fixed
Related Issues	None.

ANOMALY STATUS

Reference Number	Description	Status	Date Code
er001	Alarm variation with temperature	Fixed	1146

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NOTES

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