



# Integrated, Precision Battery Sensor for Automotive System

Silicon Anomaly

**ADuCM331**

This anomaly list describes the known bugs, anomalies, and workarounds for the [ADuCM331](#). The anomaly listed applies to all [ADuCM331](#) packaged materials branded as follows:

First Line [ADuCM331](#)  
Second Line WDCPZ  
Third Line L61

Analog Devices, Inc., is committed, through future silicon revisions, to continuously improving 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.

## **ADuCM331 FUNCTIONALITY ISSUES**

Silicon Revision Identifier	Kernel Revision Identifier	Chip Marking	Silicon Status	Anomaly Sheet	No. of Reported Anomalies
L	L61	<a href="#">ADuCM331</a>	Released	Rev. 0	1

## **FUNCTIONALITY ISSUES**

Table 1. Kernel Downloader Page 63 Erase [er001]

<b>Background</b>	The <a href="#">ADuCM331</a> contains a built-in, local interconnect network (LIN) downloader for programming the 128 kB Flash/EE memory. The protocol the FlashEE downloader adheres to is detailed in the <a href="#">AN-946 Application Note, Flash/EE Programming via LIN—Protocol 6</a> .
<b>Issue</b>	The following LIN protocol erase request for erasing Page 63 does not result in the final 2 kB page (Page 63) being erased: 0x3C, 0x7F, 0x06, 0x31, 0xFF, 0x00, 0x3F, 0x00, 0x01.
<b>Workaround</b>	Erase Page 63 before exiting the user code to enter the LIN download mode. Contact Analog Devices at <a href="mailto:ADuCM33x@analog.com">ADuCM33x@analog.com</a> for full details.
<b>Related Issues</b>	None.

Rev. 0

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One Technology Way, P.O. Box 9106, Norwood, MA 02062-9106, U.S.A.  
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**SECTION 1. AduCM331 FUNCTIONALITY ISSUES**

Reference Number	Description	Status
er001	Kernel downloader, Page 63 erase	Open

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