

## **TLV320DAC3202 Errata**

This document summarizes the errata item seen on TLV320DAC3202.

### **1 Errata #1: Current on AVDD Can Exceed the Specification Limit of 2 $\mu$ A**

#### **1.1 Detailed Description**

In certain cases, the shutdown current on AVDD can exceed the specification limit of 2  $\mu$ A. It is possible to measure values as high as 40  $\mu$ A.

<b>ELECTRICAL CHARACTERISTICS (continued)</b>						
AVDD = 3.7 V, DVDD = 1.8 V, T <sub>A</sub> = 25°C, unless otherwise specified.						
PARAMETER	TEST CONDITIONS	MIN	TYP	MAX	UNIT	
Shutdown current	AVDD, GND mode <sup>(2)</sup>			2	$\mu$ A	
	DVDD, GND mode <sup>(2)</sup>			2		
	AVDD, HiZ mode <sup>(3)</sup>			1		
	DVDD, HiZ mode <sup>(3)</sup>			1		

#### **1.2 Overall Impact**

This has the potential to reduce the standby time of a battery-powered system. The impact to the overall system can be minimal if the shutdown current of the device is a small fraction of the overall system current consumption.

#### **1.3 Workaround Proposal**

The impact of this can be negated by disconnecting the AVDD supply when not needed.

#### **1.4 Corrective Action**

The TLV320DAC3202BYZJR will be replaced by a new revision of the device with the part number TLV320DAC3202CYZJR available in December 2011. The TLV320DAC3202CYZJR will fix the errata items and be 100% footprint and function compatible with the TLV320DAC3202BYZJR.

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