

TAS3108 Errata

1 Document Description

This document contains known errata for the TAS3108 and the TAS3108IA as of the revision date on this document. See the TI Web site <http://www.ti.com> and/or your local TI representative to obtain an updated list of errata for this product.

2 TAS3108/TAS3108IA Errata

2.1 LRCLK Error and STOP Instruction

2.1.1 Problem Description

The TAS3108/TAS3108IA has a potential problem if an LRCLK error (e.g., glitch) occurs simultaneously with a program STOP execution.

2.1.2 System Impact

This condition may cause the STOP instruction not to be executed, resulting in the program counter continuing to increment to the end of memory.

2.1.3 Workaround

Implement a stop loop. If the first STOP instruction is missed, the STOP loop applies the STOP multiple times, reducing the possibility that an LRCLK error and STOP instruction happen at the same time. See the *TAS3108/TAS3108IA Audio DSP Firmware Programmer's Guide* ([SLEU067](#)) for details on implementing this fix.

2.1.4 Comments

TI has been unable to reproduce the failure condition once the stop loop is implemented.

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