

TAS2505 Debug Recommendations

DC Offset at Class-D Output

Applications Engineering

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Overview

- Issue description:
 - The Class-D outputs an unwanted DC offset signal when not playing audio.
- Possible causes:
 - Input Clocks Missing with Class-D Enabled.

Input Clocks Missing with Class-D Enabled

- TAS2505 does not feature an automatic ON/OFF control based on input clocks.
- Class-D output must be either disabled (Page 1 Register 45 Bit D1) or muted (Page 1 Register 48 bits D6-D4) before disabling input clocks to TAS2505.
- Class-D output must be either enabled (Page 1 Register 45 Bit D1) or unmuted (Page 1 Register 48 bits D6-D4) after enabling input clocks to TAS2505.

