

Device_ID Compatibility with CS2000, CS2100, CS2200, and CS2300

1 Introduction

On the CS2500 and CS2501, the device ID can be read from fields at addresses 0x54 and 0x55, as described in the respective datasheets. The revision ID is also available at address 0x56.

To allow for backwards compatibility with Cirrus Logic devices CS2000, CS2100, CS2200 and CS2300, additional device-identification fields can be read from address 0x01.

The additional fields are defined in this Application Note; they are not defined in the CS2500 or CS2501 datasheets.

2 Device Identification

The device-identification register at address 0x01 contains two fields as shown in Table 1.

Table 1 Device Identification

Address	7	6	5	4	3	2	1	0
0x01	DEVICE_ID [4:0]						REVISION_ID [2:0]	

The read-only values of the two fields are as follows:

DEVICE_ID = 0b00000

REVISION_ID = 0x110

3 Revision History

Revision History

Revision	Changes
R1 MAR 2024	<ul style="list-style-type: none">Initial version.

Contacting Cirrus Logic Support

For all product questions and inquiries, contact a Cirrus Logic Sales Representative.
To find the one nearest you, go to www.cirrus.com.

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