

MCP16311/2 Silicon Errata

The MCP16311/2 family devices that you have received conform functionally to the current Device Data Sheet (DS20005255C), except for the anomalies described in this document.

The silicon issue(s) summarized in [Table 2](#) are discussed below and apply to the devices listed in [Table 1](#).

The device issue described in this document is going to be addressed in a future enhancement of the MCP16311/2 silicon.

Note: This document summarizes all silicon errata issues from all revisions of silicon, previous as well as current.

1. Issue: Output Restart During First Power Up

All parts exhibit unintended restart behavior, typically between 45 second to 5 minutes after first power up. The restart behavior occurs once per device through its lifetime and does not occur again after first power up. It has no effect on the functionality of the device.

Work around

None.

Plan

The device issue will be addressed in a future enhancement of the MCP16311/2 silicon.

TABLE 1: AFFECTED PART NUMBERS

Part Number
MCP16311
MCP16312
Note 1: The issue applies to all packaging options of the MCP16311/2 device family.

TABLE 2: SILICON ISSUE SUMMARY (MCP16311/2)

Issue Number	Issue Summary
1	Unintended Output Restart During First Power Up

APPENDIX A: DOCUMENT REVISION HISTORY

Rev. A Document (11/2021)

- Initial release of this document

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