
MCP2221 Silicon Errata and Data Sheet Clarification

The MCP2221 parts that you have received conform functionally to the current Device Data Sheet (DS20005292B), except for the anomalies described in this document.

The silicon issue discussed in the following pages are being addressed in the current MCP2221 Rev. A silicon errata.

Data Sheet Clarifications

The following typographic corrections and clarifications are to be noted for the latest version of the device data sheet (DS20005292B):

None to report at this time.

1. Module: USB-UART Bridging

Some of the internal registers associated with the UART power up in an unknown state. Under certain conditions, this can cause the USB-UART bridging to become non-responsive.

Work around

The MCP2221A is a pin-for-pin compatible replacement for the MCP2221. All registers associated with the UART power up in a known state, which eliminates this issue.

Affected Silicon Revisions

All production devices with Device ID/Revision register value shown below:

TABLE 1: SILICON ISSUE SUMMARY (MCP2221)

Module	Feature	Issue Summary	Affected Firmware Revision
1	USB-UART	UART control registers are not initialized properly at power up	1.1

APPENDIX A: DOCUMENT REVISION HISTORY

Rev. A Document (5/2017)

- Initial release of this document

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