
UCS2112 Silicon Errata

The UCS2112 parts that you have received conform functionality to the current UCS2112 Data Sheet (DS20005424C), except for the anomalies described in this document.

The silicon issue discussed below is being addressed in the current UCS2113 silicon.

1. Module: ALERT#1 and ALERT#2 Output Pins

Both ALERT#1 and ALERT#2 pins are asserted for 100 ns when the UCS2112 enters Sleep state (by connecting both PWR_EN1 and PWR_EN2 pins to ground, or by setting the PWR_EN1S and PWR_EN2S bits in the configuration registers to '0' and setting PIN_IGN bit to '1') and when it is coming out of Sleep state.

Work around 1

Use the UCS2113, which is a pin-for-pin compatible replacement for the UCS2112.

Work around 2

Filter the 100 ns pulse by adding capacitors to ground on the ALERT#1 and ALERT#2 pins, or by adjusting the input debouncing parameters of the circuit that connects to these lines.

APPENDIX A: DOCUMENT REVISION HISTORY

Rev. A Document (04/2018)

- Initial Release of this Document.

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