

SiWN917 NCP Module Errata



This document contains information on the SiWN917 NCP Module Errata. The latest available revision of this device is revision A. Errata that has been resolved to remain documented and can be referenced for previous revisions of this device. The device datasheet explains how to identify the Module revision from the Shield marking.

Errata effective date: December 3rd, 2024.

Errata Summary

Designator	Title/Problem	Workarounds	Exists on Revision A
OSC_32kHz_E421	Recommendation for external oscillator as mandatory requirement	No	X

1. OSC_32kHz_421: Recommendation for External Oscillator as Mandatory Requirement

Description

SiWN917 NCP Module Datasheet 0.5 and earlier provides an option for an external 32 kHz Oscillator on pin UULP_VBAT_GPIO_3. In future revisions of the datasheet, this external 32 kHz Oscillator will be mandatory for Wi-Fi, BLE, and Co-Ex power saving use cases.

Affected Condition/Impacts

Low power wireless use cases (Wi-Fi, BLE, Co-Ex) will be impacted.

Workaround

No workaround available.

Resolution

Hardware Design Change: Use an external 32 kHz oscillator on pin UULP_VBAT_GPIO_3 for high timing accuracy use cases.

2. Revision History

Revision 0.1

December, 2024

- Initial release.

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