

# u-connectXpress

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### Application note

#### **Abstract**

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<b>Title</b>	<b>u-connectXpress</b>	
<b>Subtitle</b>	Open-source software licenses	
<b>Document type</b>	Application note	
<b>Document number</b>	UBX-15022695	
<b>Revision and date</b>	R23	26-Oct-2021
<b>Disclosure Restriction</b>	C1 - Public	

This document applies to the following products:

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ANNA-B412	All
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NINA-B112	All
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NINA-B311	All
NINA-B312	All
NINA-B316	All
NINA-B410	All
NINA-B411	All
NINA-B416	All
NINA-W131	All
NINA-W132	All
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# Contents

<b>Document information .....</b>	<b>2</b>
<b>Contents .....</b>	<b>3</b>
<b>1 Introduction .....</b>	<b>4</b>
<b>2 Open source software in u-blox short range modules.....</b>	<b>5</b>
2.1 lwIP BSD (ODIN-W2, NINA-W13, NINA-B2, and NINA-W15 series) .....	5
2.2 mbed-tls Apache 2.0 (ODIN-W2, NINA-W13, NINA-B2, NINA-W15, ANNA-B1, ANNA-B4, NINA-B1, NINA-B3 and NINA-B4 series) .....	5
2.3 nRF5x SDK (ANNA-B1, ANNA-B4, NINA-B1, NINA-B3 and NINA-B4 series) .....	8
2.4 esp-idf Apache 2.0 (NINA-W13, NINA-B2, and NINA-W15 series) .....	9
2.5 Newlib BSD (NINA-W13, NINA-B2, NINA-W15, ANNA-B1, ANNA-B4, NINA-B1, NINA-B3 and NINA-B4 series) .....	11
2.6 Xtensa libhal MIT (NINA-W13, NINA-B2, and NINA-W15 series).....	26
2.7 FreeRTOS v8.2.0 (NINA-W13, NINA-B2, and NINA-W15 series) .....	26
2.8 FreeBSD net80211 (NINA-W13, NINA-B2, and NINA-W15 series) .....	32
2.9 micro-ecc library BSD (NINA-W13, NINA-B2, NINA-W15, ANNA-B1, ANNA-B4, NINA-B1 and NINA-B4 series) .....	33
2.10 WPA-Supplicant (NINA-W13 and NINA-W15 series) .....	33
2.11 Eclipse Paho MQTT-SN (ODIN-W2, NINA-W13, and NINA-W15 series) .....	34
2.12 Segger RTT (ANNA-B1, ANNA-B4, NINA-B1, NINA-B3 and NINA-B4 series) .....	38
<b>Related documents .....</b>	<b>39</b>
<b>Revision history .....</b>	<b>40</b>
<b>Contact.....</b>	<b>41</b>

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**Reference:** Adam Dunkels

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**Reference:** <https://tls.mbed.org>

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## 2.4 esp-idf Apache 2.0 (NINA-W13, NINA-B2, and NINA-W15 series)

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## 2.12 Segger RTT (ANNA-B1, ANNA-B4, NINA-B1, NINA-B3 and NINA-B4 series)

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## Related documents

- [1] u-connectXpress user guide, [UBX-16024251](#)
- [2] u-connectXpress AT commands manual, [UBX-14044127](#)

# Revision history

Revision	Date	Name	Comments
R01	28-Jan-2015	jjon	Initial release. Updated with information for ODIN-W2 1.0.0 release.
R02	4-May-2016	mlju	Added support for ODIN-W260-01B and ODIN-W262-01B, and firmware version 2.0.0.
R03	7-Jul-2016	kkar	Added license section for NINA-B1 SDK.
R04	30-Sep-16	pber	Added support for ODIN-W2 firmware version v3.0.0 on page 2.
R05	30-Nov-16	mlju	Added support for NINA-B1 firmware version 2.0.0 on page 2.
R06	3-Jan-17	kgom	Added support for ODIN-W2 firmware versions – 2.0.2 and 3.0.1. Replaced Document status with Disclosure restriction on page 2.
R07	30-Mar-17	kgom	On page 2, replaced type numbers and firmware version with All to denote support for all type numbers and firmware versions of NINA-B1 and ODIN-W2.
R08	3-Jul-2017	kgom	Replaced firmware with software.
R09	27-Nov-2017	objo, kgom	Added support for NINA-W1 software version v1.0.0 on page 2 and included license information for NINA-W1 (section 2.6).
R10	22-Dec-2017	pber, kgom	Added mbed TLS license information for ODIN-W2 (section 2.1).
R11	29-Jan-2018	hisa, kgom	Added support for NINA-B3 on page 2. Updated the title for section 2.3 to include support for NINA-B3 series.
R12	27-Mar-2018	hisa, kgom	Added support for ANNA-B112 module on page 2. Updated the title for section 2.3 to include support for ANNA-B112.
R13	12-Sep-2018	kgom	Minor formatting changes.
R14	7-Nov-2018	lhau, kgom	Added support for NINA-B2 on page 2. Restructured the information in section 2 - Replaced the information in tables with different subsections for each software license and enclosed the applicable short range modules in parentheses. Included information about the following new licenses – Newlib, Xtensa libhal MIT, FreeRTOS v8.2.0, WPA-Supplicant (NINA-W13 only), FreeBSD net80211, micro-ecc library, and mbed-tls.
R15	5-Mar-2019	kgom	Included support for NINA-B316.
R16	8-Mar-2019	tfri	Added Eclipse Paho MQTT-SN software license information for ODIN-W2.
R17	28-Jun-2019	lhau, kgom	Added support for NINA-W15 series.
R18	31-Oct-2019	lhau, kgom	Added NINA-W13 to MQTT_sn license (section 2.11).
R19	3-Dec-2020	hisa	Added NINA-B4 series.
R20	12-Dec-2020	abot	Added NINA-W156
R21	4-Feb-2021	flun	Added ODIN-W263. Added related documents. Renamed document.
R22	8-Jul-2021	abot	Added mbed TLS license information for ANNA-B1, NINA-B1, NINA-B3 and NINA-B4 series. Added Newlib license information for ANNA-B1, NINA-B1, NINA-B3 and NINA-B4 series. Added micro-ecc license information ANNA-B1, NINA-B1 and NINA-B4 series. Added new license section 2.12 for ANNA-B1, NINA-B1, NINA-B3 and NINA-B4 series.
R23	26-Oct-2021	mape, abot	Updated license text in nRF5x SDK (ANNA-B1, ANNA-B4, NINA-B1, NINA-B3 and NINA-B4 series). Added ANNA-B4.



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