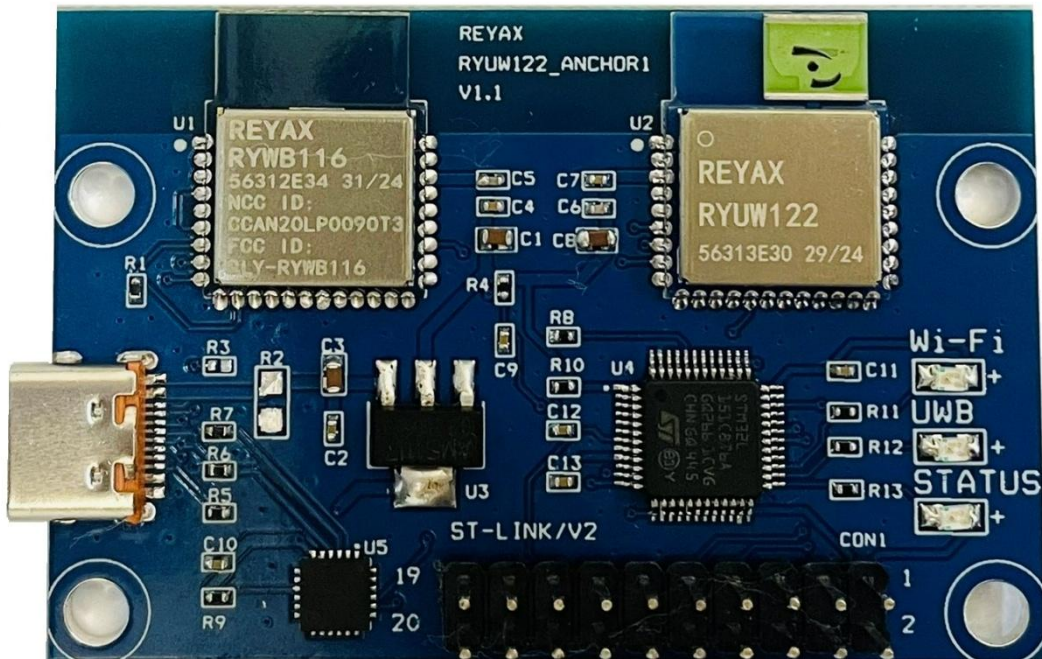


RYUW122_ANCHOR1

UWB Anchor with Wi-Fi

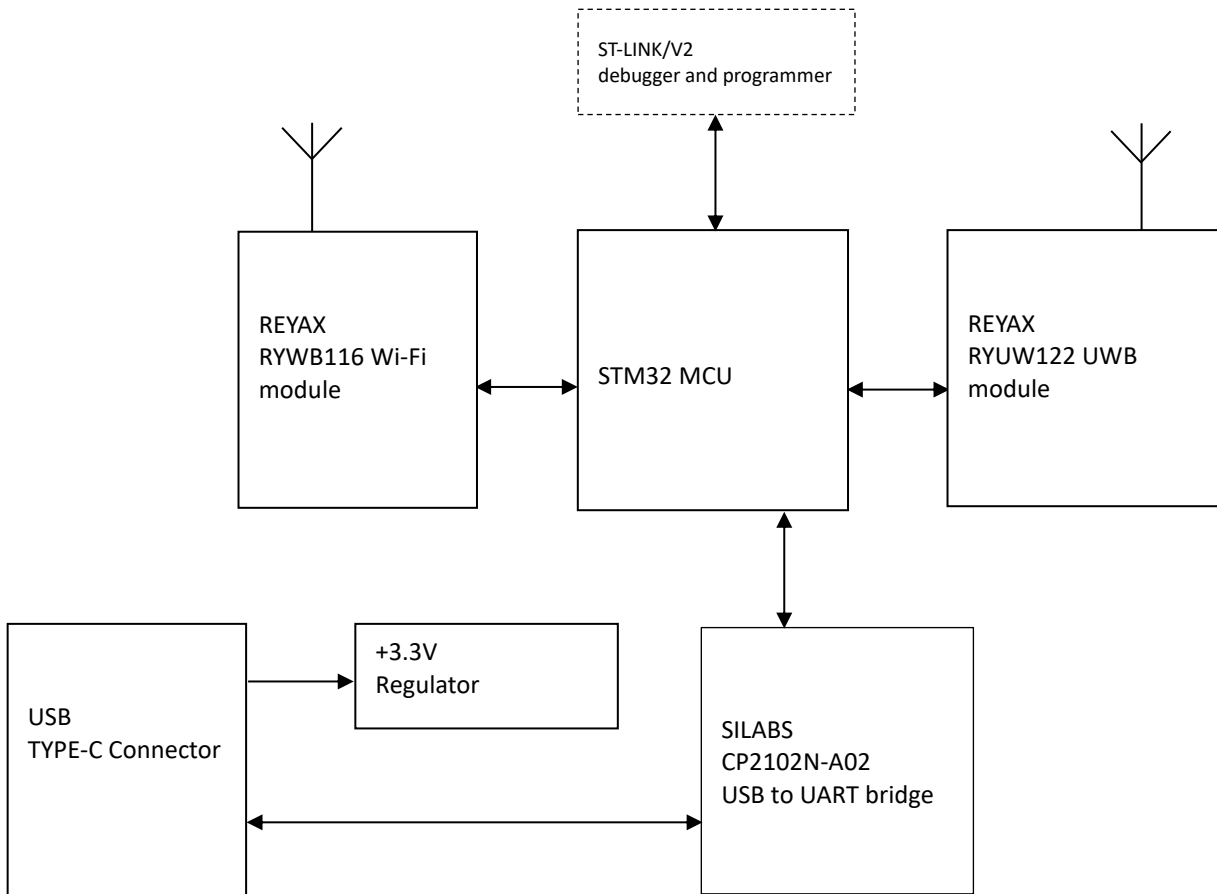
Datasheet



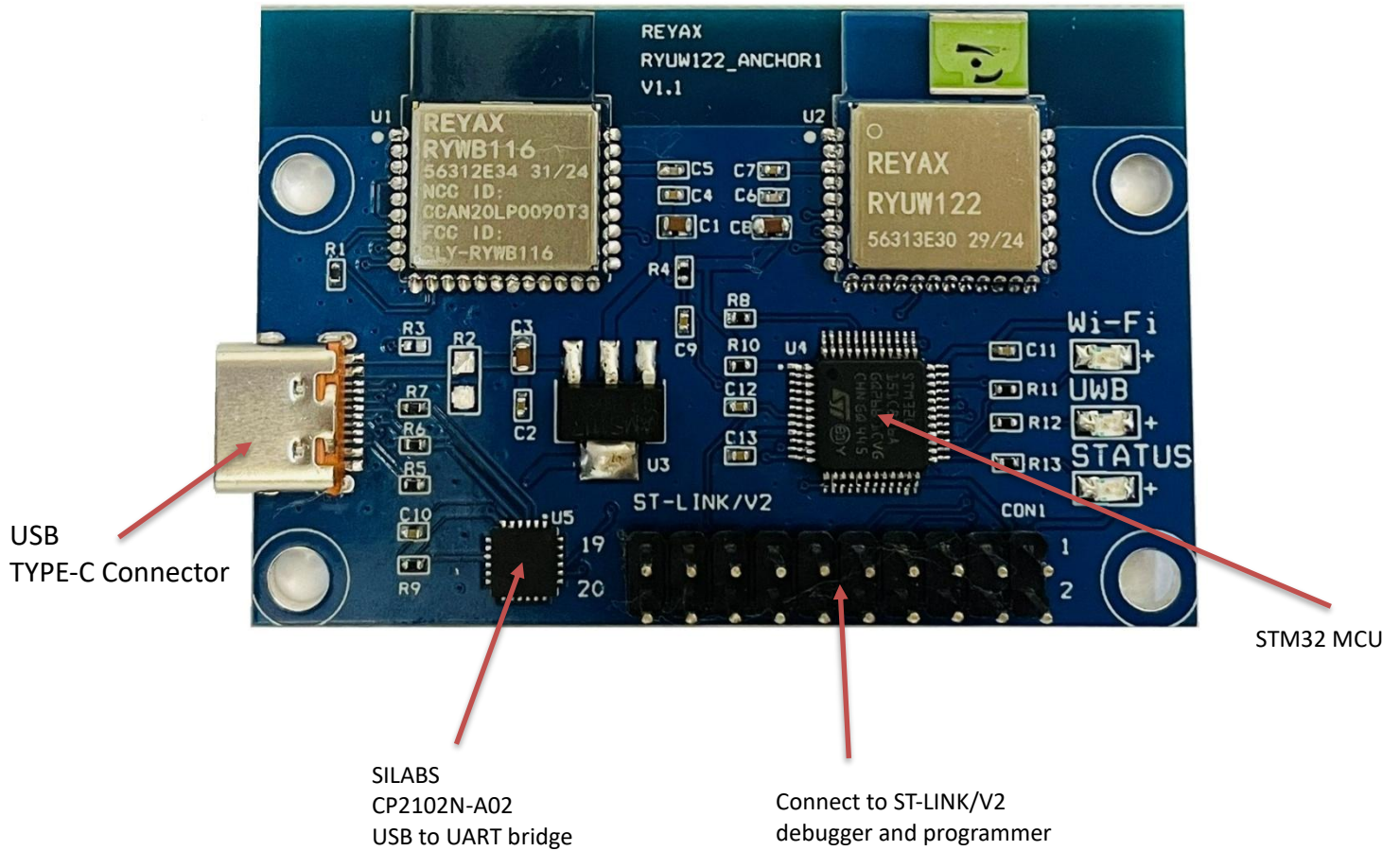
PRODUCT DESCRIPTION

RYUW122_ANCHOR1 is a UWB Anchor, which integrates RYWB116 Wi-Fi module and RYUW122 UWB module, and is controlled by STM32 MCU, With the built-in firmware, it can be used as an anchor point for UWB positioning.

BLOCK DIAGRAM



PIN DESCRIPTION



Downloads for Windows, Macintosh, Linux and Android driver
<https://www.silabs.com>

AT COMMAND

It is required to key in “\r\n” or “0x0D 0x0A” in the end of all AT Commands.

Add “?” in the end of the commands to ask the current setting value.

It is required to wait until the module replies +OK so that you can execute the next AT command.

1. **AT+RYUW122** Send command to RYUW122 module.

Syntax	Response
AT+RYUW122	+OK

2. **AT+RYWB116** Send command to RYWB116 module.

Syntax	Response
AT+RYWB116	+OK

3. **AT+SAVE** Save the settings for RYUW122 and RYWB116.

Syntax	Response
AT+SAVE	+Save OK

4. **AT+AUTO** Automatically connect to Wi-Fi AP after power on.

Syntax	Response
AT+AUTO=<Parameter> <Parameter> 0 : Disable 1 : Enable	
AT+AUTO=1	+Save OK