DISCLAIMER

The evaluation board is for testing purposes only and, because it has limited functions and limited resilience, is not suitable for permanent use under real conditions. If the evaluation board is nevertheless used under real conditions, this is done at one's own responsibility; any liability of Rutronik is insofar excluded.

GETTING STARTED with RUTDEVKIT

If working with embedded ST-Link:

1. Check if switches SW1 and SW2 are switched to the positons STLINK and LDO accordingly.
2. Make sure the S1 dipswitch is on the left (position '0').
3. Connect micro USB type B with ST-LINK and USB type A to a PC USB port.

If working with STM32L562 DFU Bootloader:

1. Check if switches SW1 and SW2 are switched to the positons SMPS and LDO accordingly.
2. Make sure the S1 dipswitch is on the right (position '1').
3. Connect RUTDevKit's USB Type C with a PC. DFU device should be detected automatically.

If working with external programmer J-Link etc.:

1. Check if switches SW1 and SW2 are switched to the positons SMPS and LDO accordingly.
2. Apply 12V power to RS485 Terminal ports '+' and 'GND' or alternatively 5V power from USB Type C port.
3. Cut Solder Bridges: SB31, SB30, SB32.
4. Connect J-Link 10-pin 1.27mm pitch SWD connector to the RUTDevKit's P14 'Target SWD'

If working with STM32L562 USART1 Bootloader and STM32 Flash Loader:

1. Check if switches SW1 and SW2 are switched to the positons STLINK and LDO accordingly.
2. Make sure the S1 dipswitch is on the right (position '1').
3. Connect micro USB type B with ST-LINK and USB type A to a PC USB port.
4. Press RESET button S1.
5. Work with Flash Loader Demonstrator software and Virtual COM port provided.

Hardware files, firmware examples and documents are available at <our GitHub address etc.>

SYSTEM REQUIREMENTS

Windows OS ®: 7,8,10, Linux ® 64-bit and macOS ®

USB Type-A to Micro-B cable

USB Type-C to Type A or Type-C cable