



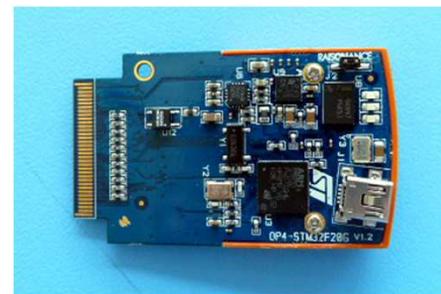
# **SX1272DVK Firmware update**

# Procedure to update the firmware

- 1) Make sure the Eiger platform is turned On and NOT connected to the PC
- 2) Download firmware from /SX1272\_73/PER firmware/sx1272Eiger-Updater.zip
- 3) Click on "RLinkUSBInstall\_verbose.bat" to install the Rlink drivers from Raisonance/Keolabs (RLinkDrv\ directory). Wait until install is successful.
- 4) Plug a Mini USB cable from the PC to the USB connector on the **side** (see picture next page) of the STMPRIMER. Follow the on-screen instructions to automatically install the Jungo USB drivers (Rlink USB Dongle).
- 5) When the driver install is finished, click on "update.bat" and select the MCU target Board plugged in the Eiger platform and then select the version of the SX1272 populated on the SX1272RF1xxx module used.
- 6) Wait until the procedure is over.
- 7) Perform a new screen calibration and a reset of the radio settings by clicking on:  
-> System -> Settings -> Touchscreen -> Apply  
-> System -> Settings -> Radio -> Apply
- 8) Upgrade is finished BUT wait at least 10 seconds before you turn off the Eiger platform (NVM storage of the calibration parameters).



**MCU Target: STM32F103**  
P/N: STM3210GPRIM-D  
No Camera on the backside



**MCU Target: STM32F407**  
P/N: STM3240GPRIM-D  
With Camera on the backside

# Troubleshooting



- ❑ Make sure the Eiger platform is turned On before starting the procedure
- ❑ Mini USB Cable is connected on the side of the Eiger platform for battery charging and firmware programming.



**Use this USB for upgrade**

**GUI connection only**

