

Initializing the USB interface



ATTENTION

It is not necessary to initialize the USB interface of modules delivered after 20th Dec. 2011. The device driver has to be installed only.

Note that the initialization process cannot be started a second time.

PRECAUTIONS

- Do not mix up connections or short-circuit pins.
- Do not exceed the maximum power supply of +30V DC!
- START WITH POWER SUPPLY OFF!

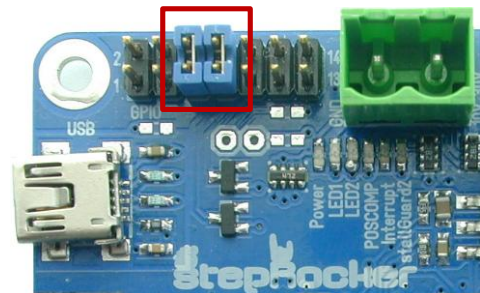
YOU NEED

- TMCM-1110
- 2 Jumper
- Nominal supply voltage +24V DC (10... 30V DC)
- Cables for interface and power

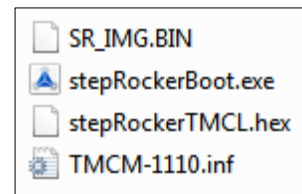
HOW TO INITIALIZE THE USB INTERFACE

The USB interface initialization is mandatory.
Please follow the step-by-step instructions strictly.

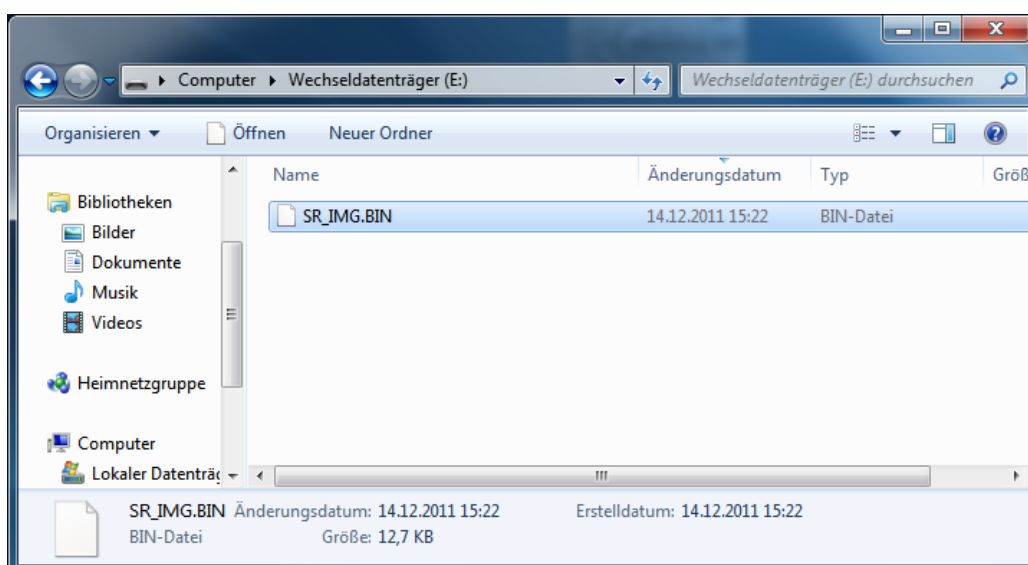
1. Set two jumpers as shown on the right side.
2. Connect the power supply and switch it ON.
3. Connect the USB interface.
4. A data storage window pops up. If this does not occur, open the [removable data storage medium](#).
5. Download the zipped file folder [stepRockerUpdatePack.zip](#) (available on www.motioncontrol-community.org), unzip and open it.
6. Copy the file **SR_IMG.BIN** into the storage window. Close the window afterwards.
7. Switch OFF the power supply.



Jumper for initializing the USB interface



Files of the *stepRockerUpdatePack.zip*



Data storage window

TRINAMIC Motion Control GmbH & Co. KG
Hamburg, Germany

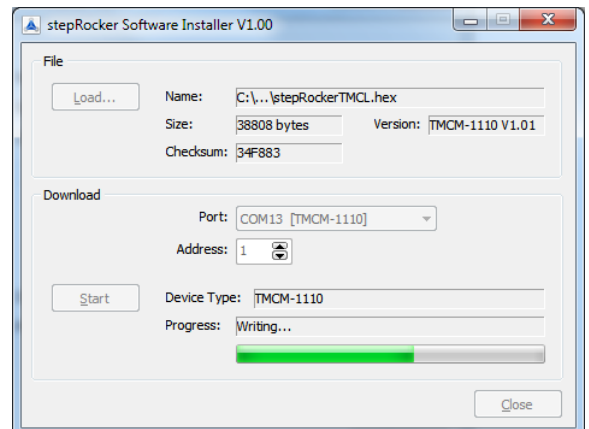
www.trinamic.com



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8. Switch ON the power supply and wait until LED1 and LED2 are active.
9. To make use of the USB interface a device driver has to be installed first. The **TMCM-1110.inf** file is part of the **stepRockerUpdatePack.zip**. Load the file and install it on your PC. The driver is ready to be used now.
10. Open the file **stepRockerBoot.exe**. The boot loader is part of the zipped file folder **stepRockerUpdatePack.zip**, too. The **stepRocker Software Installer** appears on the screen, now.
11. Load the file **stepRockerTMCL.hex** and download it to the stepRocker by clicking the **Start** button. The download progress will be indicated by a green bar.
12. After finishing the download (*Progress: Successful!*) switch OFF the power supply.
13. Remove the two jumpers.
14. Switch ON the power supply again. The USB interface is ready to be used now.



Initializing the USB interface by downloading **stepRockerTMCL.hex**