ES910: Start simulation automatically when ES910 is started

? Question

- How to start code on ES910 as soon as power supply is on
- How to make project start automatically as soon as power is on

Answer

- Generate ROM (flash) code and write it into flash memory of the ES910
- Code that is in flash memory of ES910 is automatically executed as soon as power is supplied
- Find below: Instruction sets for 3 different ways to implement this
- **ASCET**
- **INTECRIO** + **EXPERIMENT ENVIRONMENT**
- **INTECRIO + INCA**

ASCET: Use ASCET to generate ROM code and to write it to flash memory of ES910
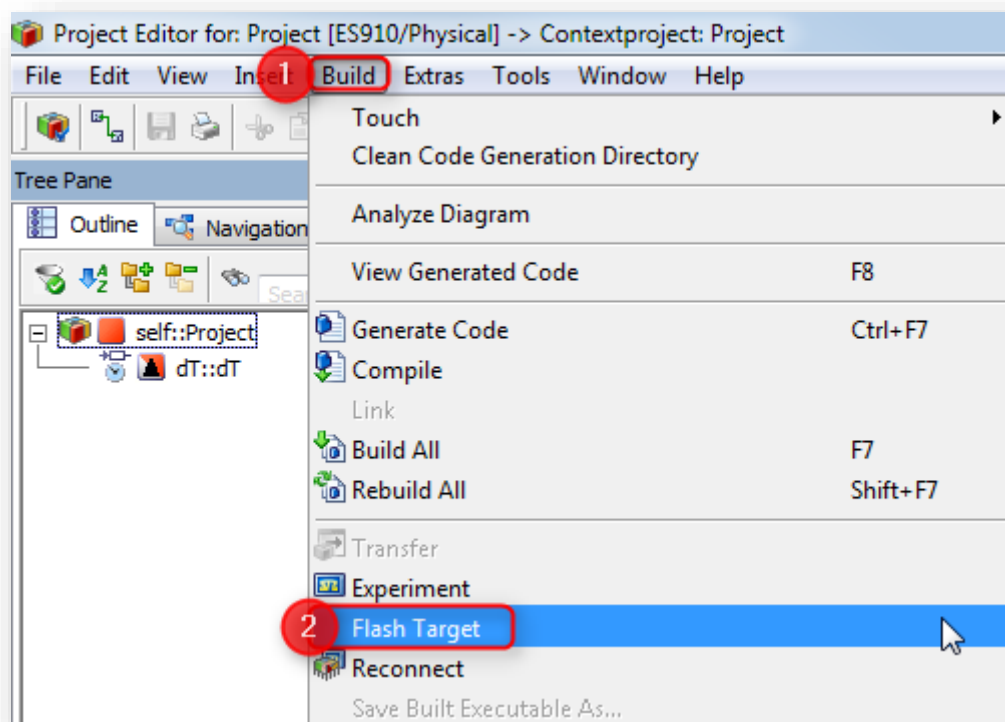
1. In **ASCET** → **Project Editor** → In dialog **Project Properties** → **ASAM-2MC** → Check **ROM Code** → **OK**
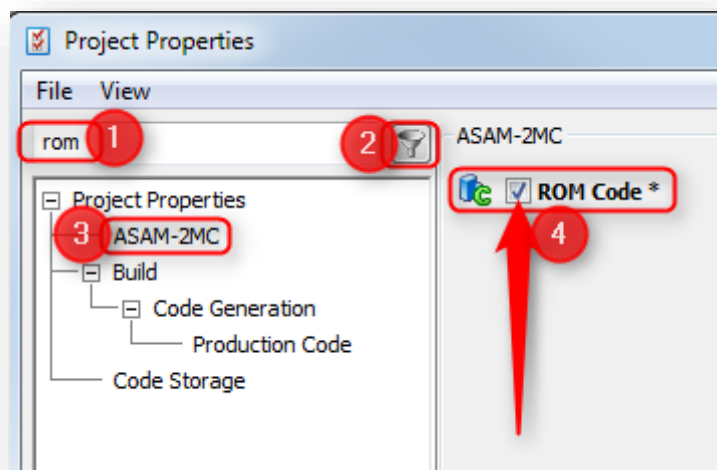
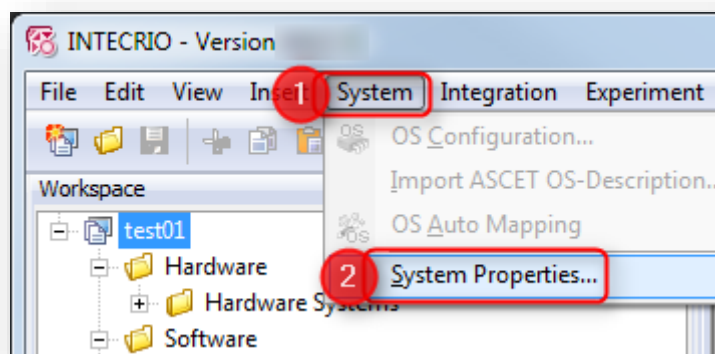2. In **Project Editor** → Menu bar → **Build** → **Build All** or **Rebuild All**
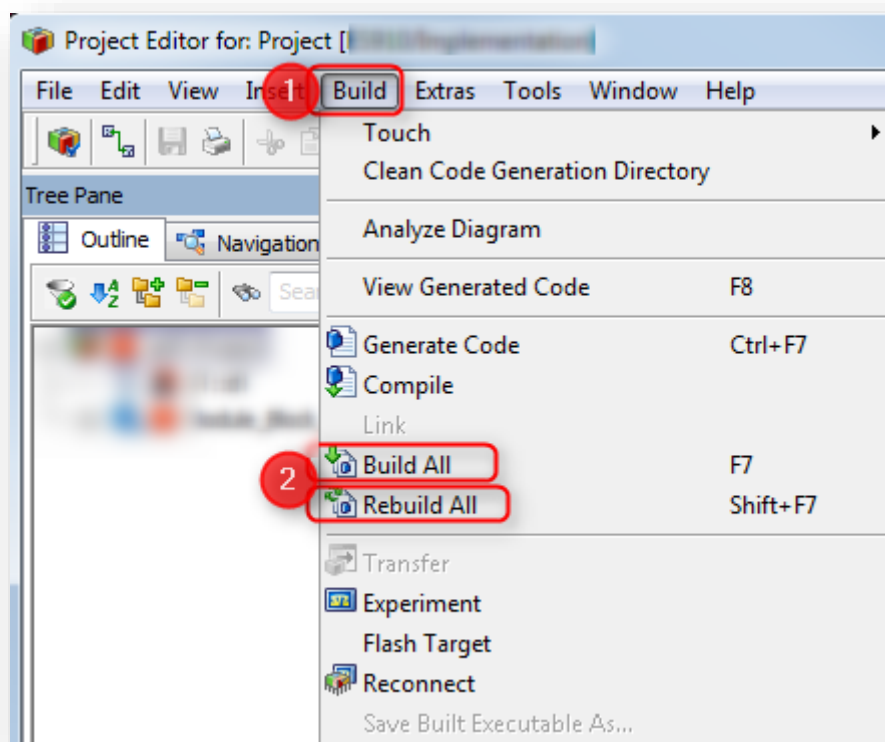
3. In **Project Editor** → Menu bar → **Build** → **Flash Target**

INTECRIO + EXPERIMENT ENVIRONMENT: Use INTECRIO to generate ROM code and then use EXPERIMENT ENVIRONMENT to write the code to flash memory of ES910

1. In **INTECRIO** → Menu bar → **System** → **System Properties...**

2. In dialog **System Project Properties** → **Project Integration** → **Build** → On right hand side: in panel **Build Properties** → Click check box **Create additional ROM (flash) code** → **OK**
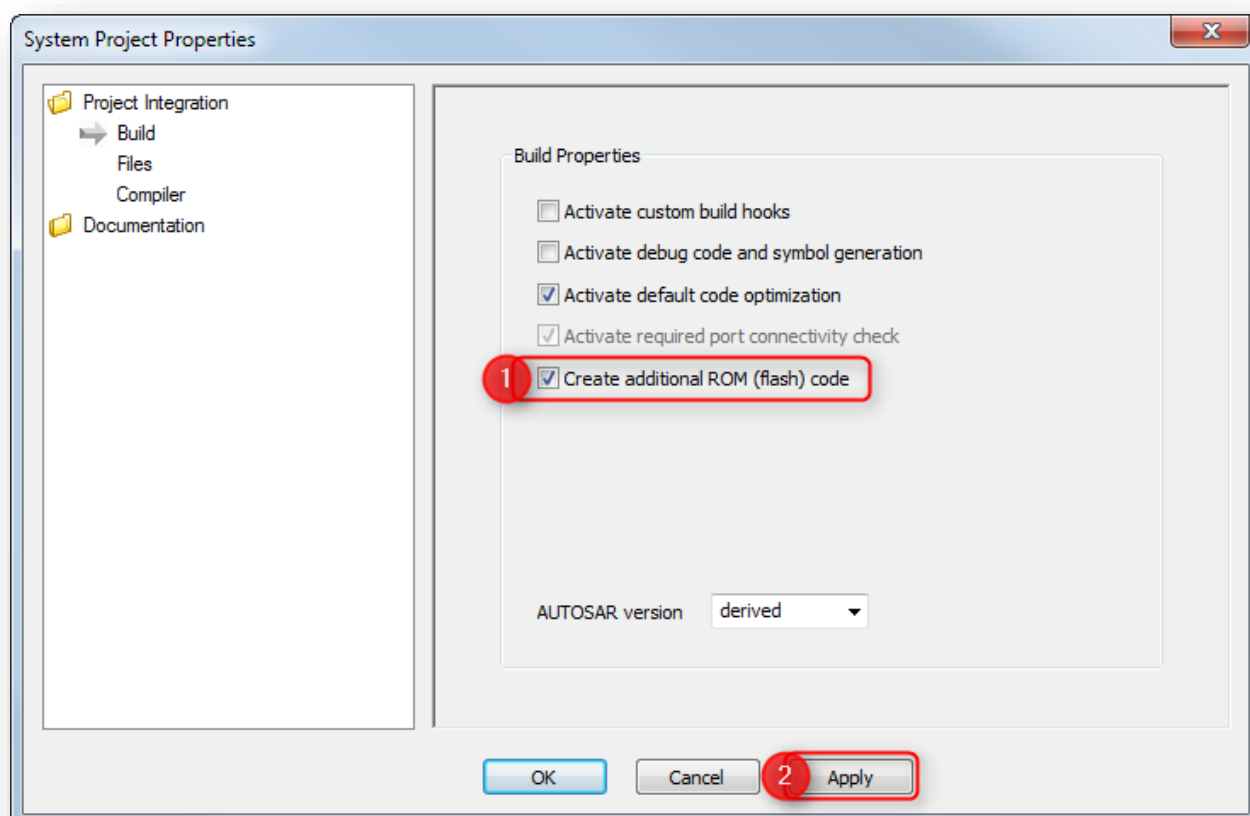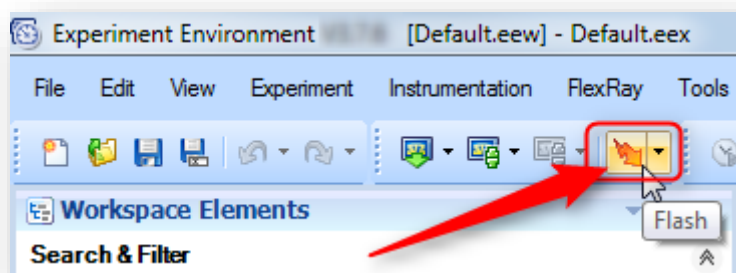
3. In **INTECRIO** → Menu bar → **Integration** → **Build**

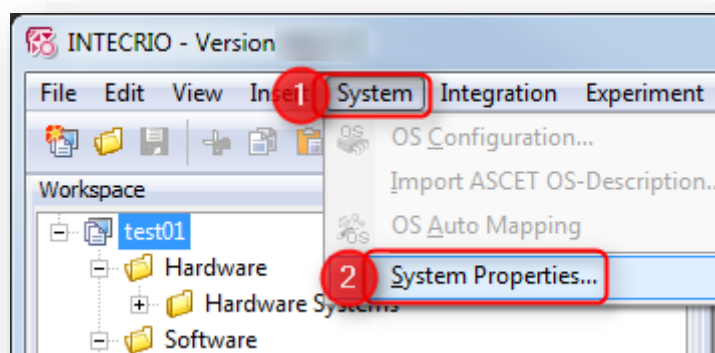4. In **INTECRIO** → Menu bar → **Experiment** → **Open Experiment**

5. In **Experiment Environment** → Tool bar → Click **Flash** icon

INTECRIO + INCA: Generate ROM (flash) code in INTECRIO and then use INCA to write the code to the flash memory of the ES910

1. In **INTECRIO** → Menu bar → **System** → **System Properties...**

2. In dialog **System Project Properties** → **Project Integration** → **Build** → On right hand side: in panel **Build Properties** → Click check box **Create additional ROM (flash) code** → **Apply** → **OK**
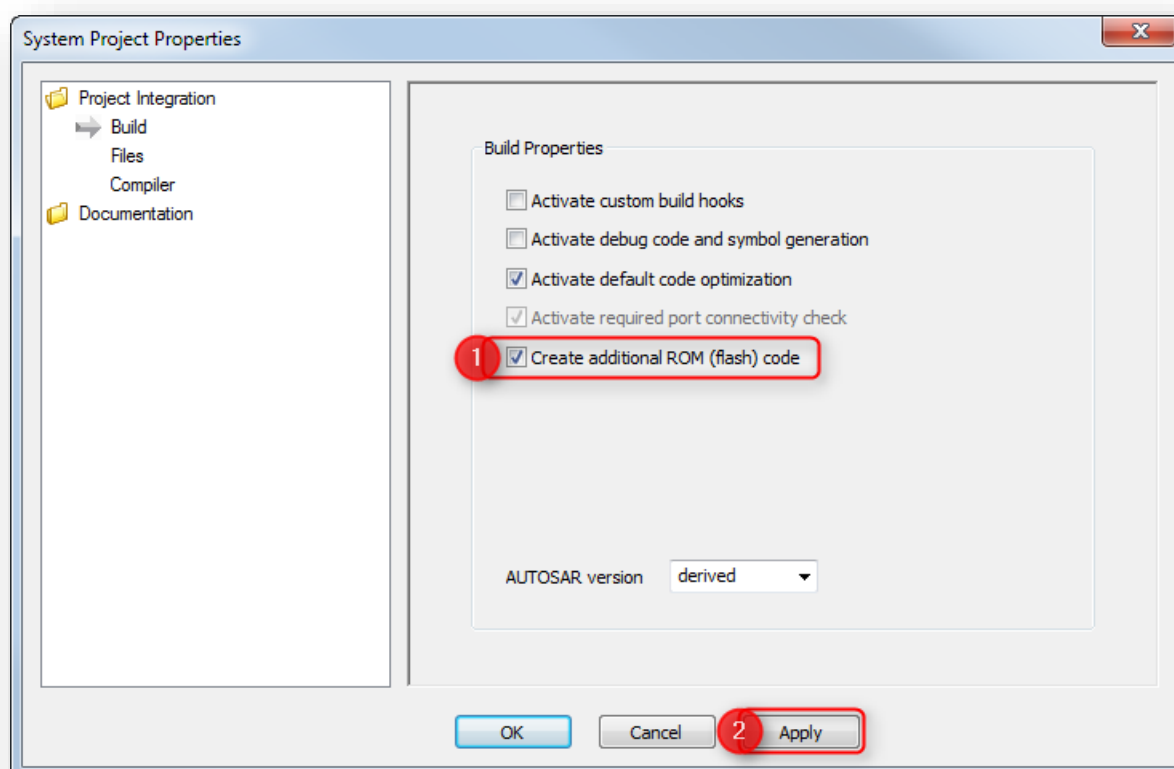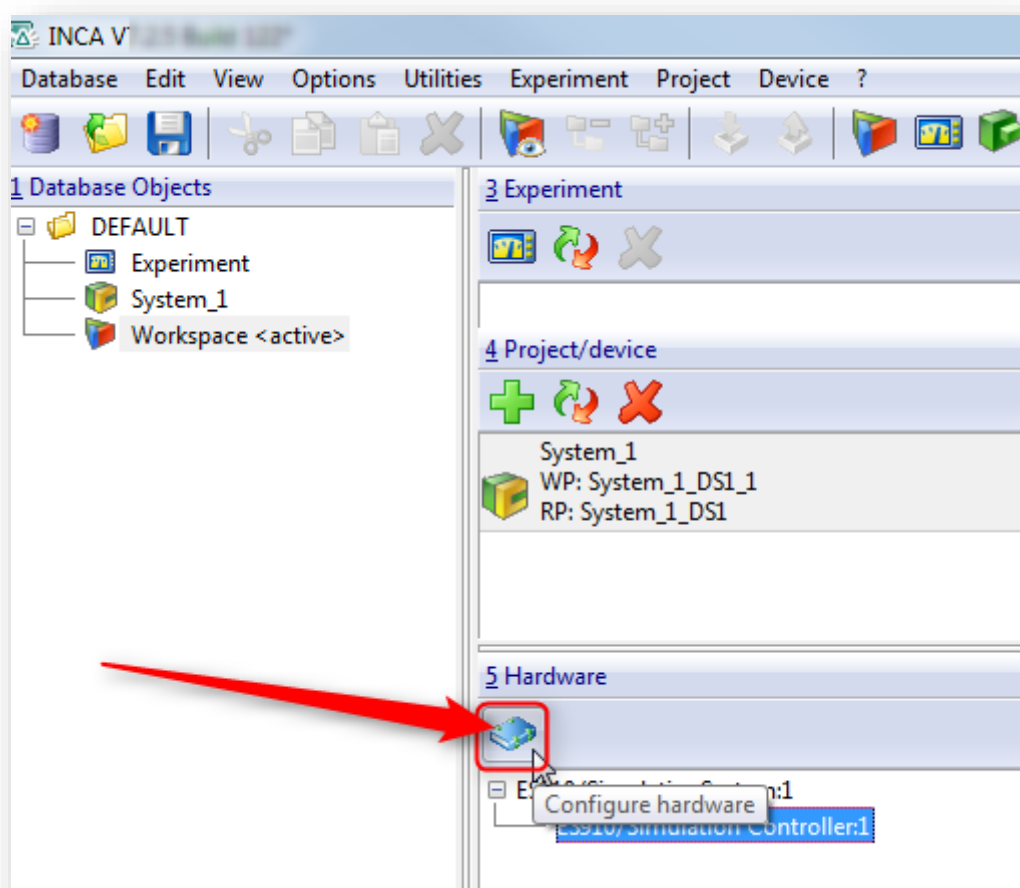
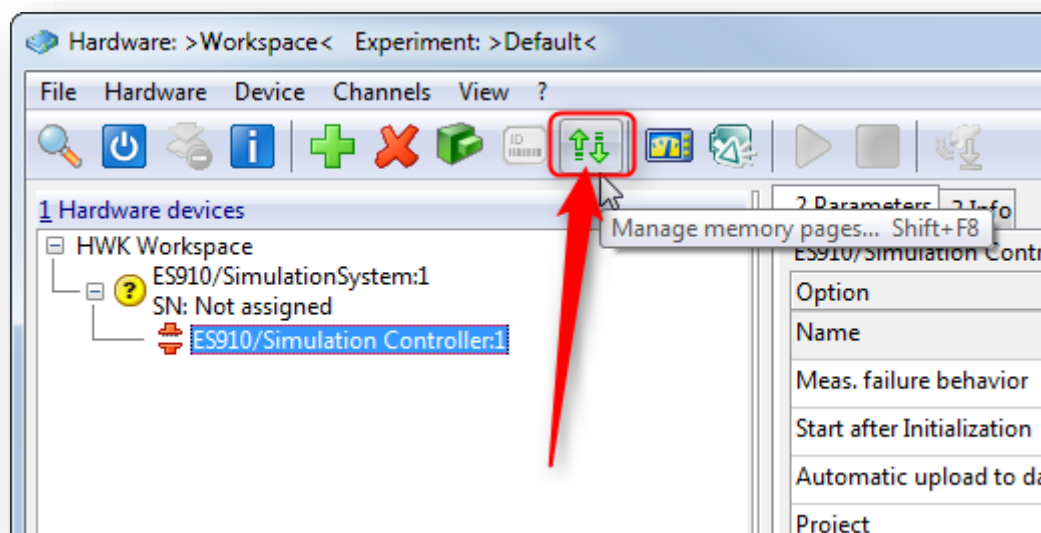3. In **INTECRIO** → Menu bar → **Integration** → **Build**

o   In order to store to the code to the ES910 use INCA as described in the following steps
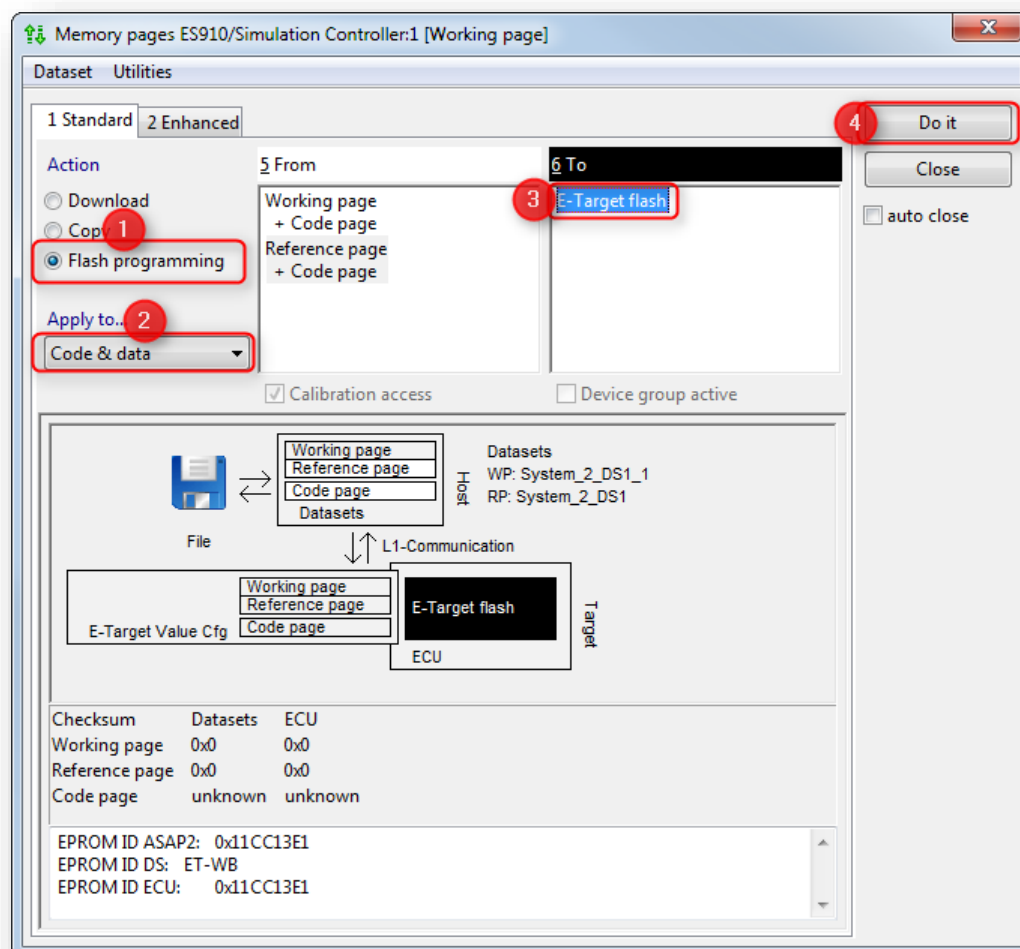
4. In **INCA** → **Configure Hardware**

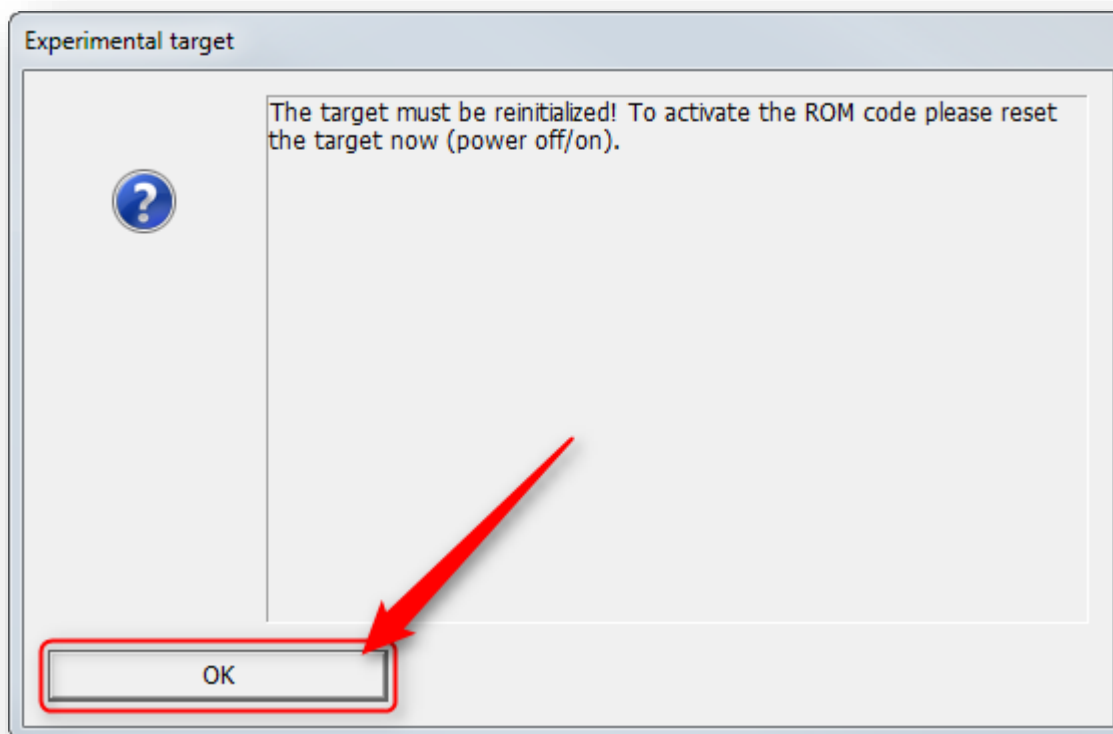5. In dialog **Hardware** → Tool bar → Click icon **Manage memory pages**

6. In dialog **Memory pages ES910**: On tab **Standard** → **Action** = Flash programming → **Apply to...** = Code & data → **To** = E-Target flash --> **Do it**

7. Dialog **Experimental target** is displayed → At the target device: **Power off** and **Power on** → Then click **OK** in dialog **Experimental targe**t

Experimental target

The target must be reinitialized! To activate the ROM code please reset the target now (power off/on).

OK

Do you still have questions?

o You will find **further FAQ articles** on the ETAS homepage: www.etas.com/en/faq
o **Movies** corresponding to FAQ articles can be found on the ETAS YouTube channel
o Please feel free to contact our Support Center, if you have further questions.
o Here you can find all information: http://www.etas.com/en/hotlines.php