



Question:

- How to flash model to rapid prototyping device memory, for example ES830 or ES910?
- Programming the control device flash EPROM

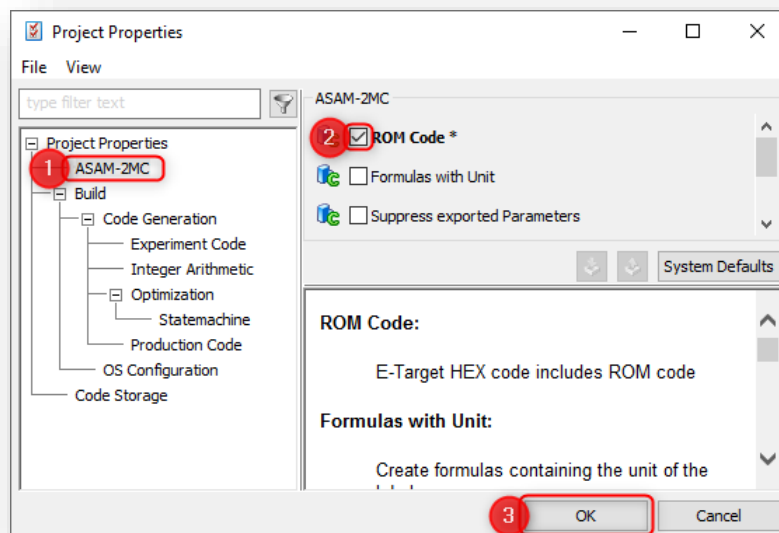


Answer:

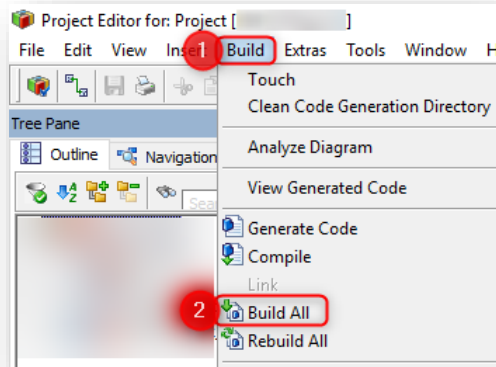
- You can use 3 different tools to flash code to the rapid prototyping device
 - ASCET (for ES910, not ES830)
 - INTECRIO
 - INCA

ASCET (for ES910, not ES830)

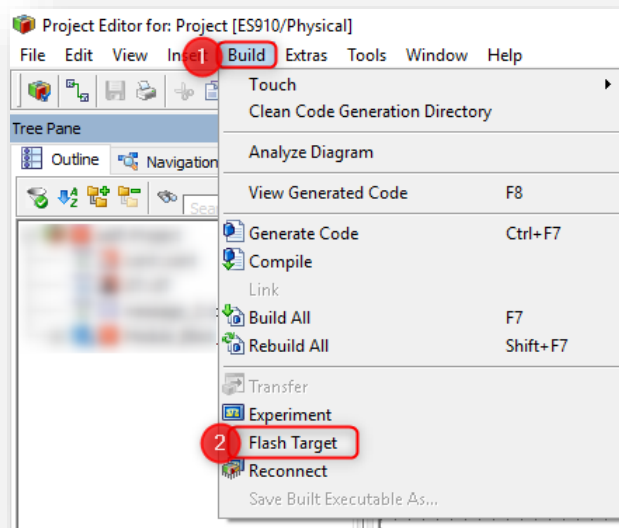
1. In **ASCET** → **Project Editor** → In dialog **Project Properties** → **ASAM-2MC** → **ROM Code** → Click **OK** button



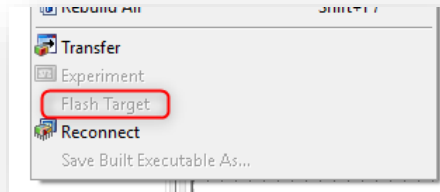
2. In **Project Editor** → **Menu Bar** → **Build** → **Build All**



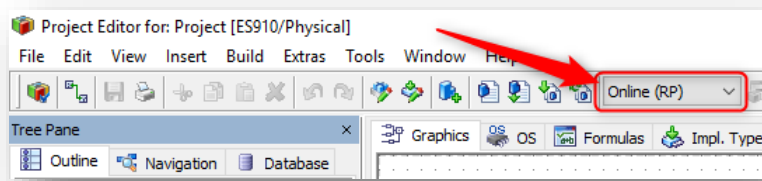
3. In **Project Editor** → **Menu Bar** → **Build** → **Flash Target**



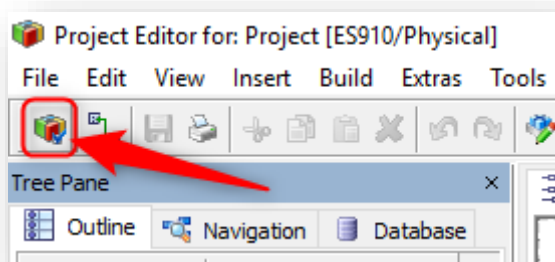
In case the menu option **Flash Target** is grey and inactive:



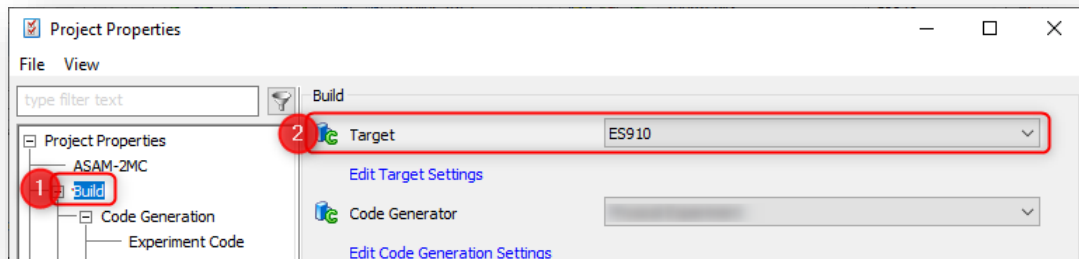
1. At **ES910**: Make sure that ...
 - It is connected to PC and
 - that power supply is on
2. In **Menu Bar** → Field: **Select Experiment Target** → Make sure that **Online (RP)** is selected



3. In case **Online (RP)** is not available:
4. Open **Project Properties**

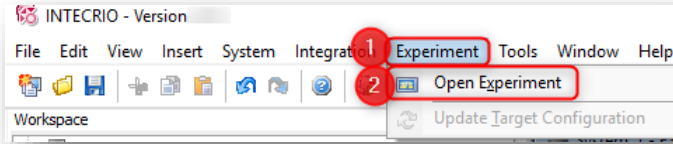


5. In dialog **Project Properties** → **Build** → **Target**: Select rapid prototyping accordingly to your set up

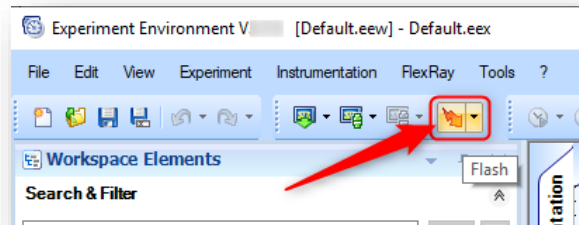


INTECRIO

1. In **INTECRIO** → **Menu Bar** → **Experiment** → **Open Experiment**



2. In **Experiment Environment** → **Tool Bar** → Click **Flash** button



In case there is an error message like the following:

Time	Component	Message
16:00:13	Hardware Mapper	0 hardware system(s) found.
16:00:13	Hardware Mapper	Automapping failed. Could not find hardware of type ES910 for project 'System'.
16:00:13	Target Controller	Error in flash model: Could not find appropriate hardware for project 'System'.
16:00:13	Target Controller	Error in flash model: Please make sure that the option "Create additional ROM (Flash) Code" is enabled in the properties dialog of the INTECRIO System Project.

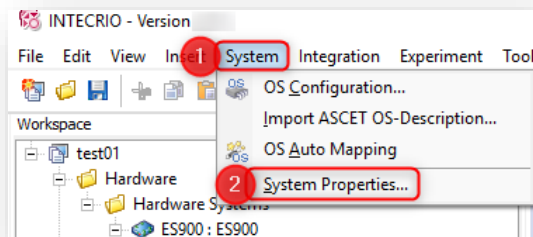
0 hardware system(s) found

Automapping failed. Could not find hardware of type ES910 for project 'System'.

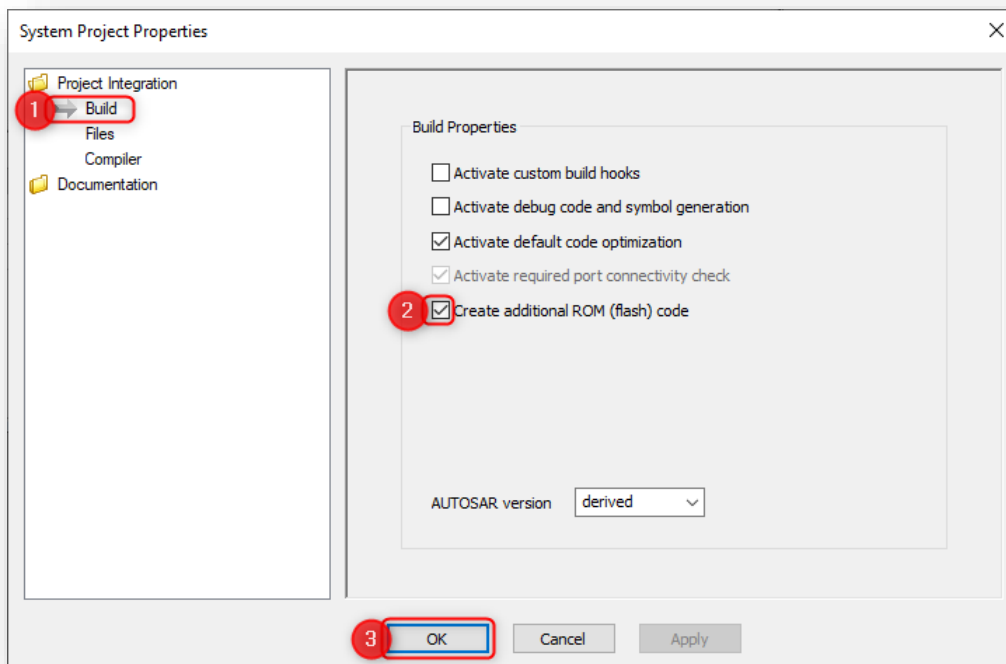
Error in flash model: Could not find appropriate hardware for project 'System'.

Error in flash model: Please make sure that the option "Create additional ROM (Flash) Code" is enabled in the properties dialog of the INTECRIO System Project.

1. At **ES910** or **ES830**: Make sure that ...
 - It is connected to PC and
 - that power supply is on
2. In **INTECRIO** → **Menu Bar** → **System** → **System Properties...**

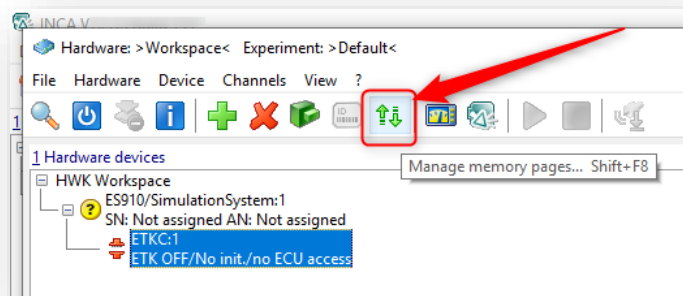


3. In dialog **System Project Properties** → **Build** → Activate **Create additional ROM (flash) code**
→ Click **OK** button

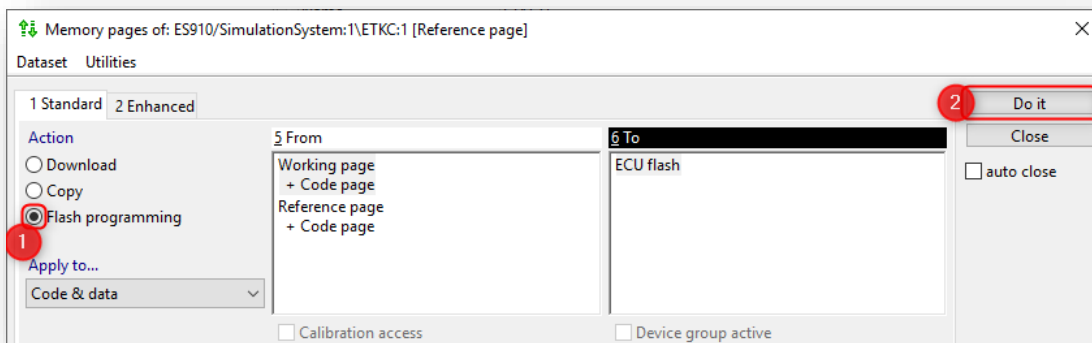


INCA

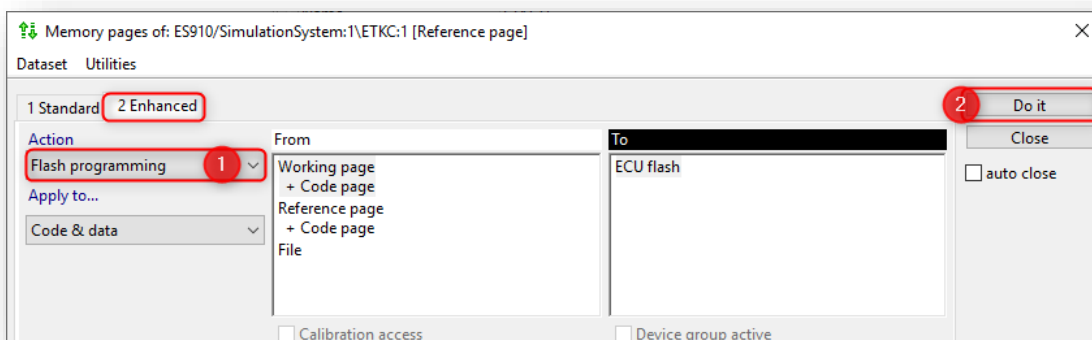
1. In **INCA** → Dialog **Hardware** → **Tool Bar** → Click **Manage memory pages...** button



2. In dialog **Memory Pages of** → Tab **Standard** → Select **Flash programming** → Click **Do it** button



3. Alternatively: Tab **Enhanced** → Field **Action**: Select **Flash programming** → Click **Do it** button





Additional information:

- This article applies to:
 - ASCET V6.x
 - ES830
 - ES910
 - INCA V7.x
 - INTECRIO V4.x



In case of further questions:

- Please feel free to contact our Support Center, if you have further questions.
- Here you can find all information: <http://www.etas.com/en/hotlines.php?langS=true&>

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