

ES910: Start simulation automatically when ES910 is started



- 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



- 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

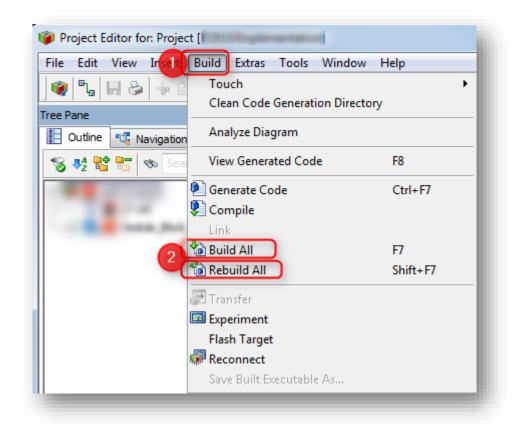
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ASCET: Use ASCET to generate ROM code and to write it to flash memory of ES910

1. In ASCET \rightarrow Project Editor \rightarrow In dialog Project Properties \rightarrow ASAM-2MC \rightarrow Check ROM Code \rightarrow OK

2. In **Project Editor** \rightarrow Menu bar \rightarrow **Build** \rightarrow **Build** All or **Rebuild** All



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- Project Editor for: Project [ES910/Physical] -> Contextproject: Project Inseit Edit Build Extras Tools Window File View Help B Touch Þ 8 ۲ -10 Clean Code Generation Directory Tree Pane Analyze Diagram 🐮 Outline 💐 Navigation View Generated Code F8 🧏 📴 -Generate Code self::Project Ctrl+F7 Compile 📕 dT::dT Link 눱 Build All F7 ն Rebuild All Shift+F7 🛃 Transfer 💷 Experiment Flash Target hr Reconnect Save Built Executable As...
- 3. In **Project Editor** \rightarrow Menu bar \rightarrow **Build** \rightarrow **Flash Target**

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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 \rightarrow Menu bar \rightarrow System \rightarrow System Properties...

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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

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	Activate default code optimization	
	Activate required port connectivity check	
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3. In INTECRIO \rightarrow Menu bar \rightarrow Integration \rightarrow Build

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4. In INTECRIO \rightarrow Menu bar \rightarrow Experiment \rightarrow Open Experiment

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5. In **Experiment Environment** \rightarrow Tool bar \rightarrow Click **Flash** icon

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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 \rightarrow Menu bar \rightarrow System \rightarrow System Properties...

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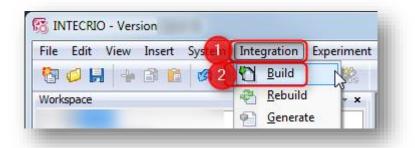
 In dialog System Project Properties → Project Integration → Build → On right hand side: in panel Build Properties → Click check box Create additional ROM (flash) code → Apply → OK

 Project Integration Build Files Compiler Documentation 	Build Properties Activate custom build hooks Activate debug code and symbol generation Activate default code optimization Activate required port connectivity check Image: Create additional ROM (flash) code AUTOSAR version derived	
	OK Cancel 2 Apply	

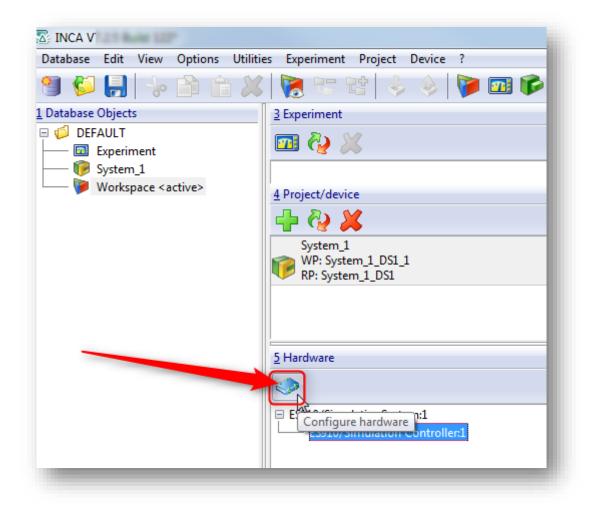
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3. In INTECRIO \rightarrow Menu bar \rightarrow Integration \rightarrow Build



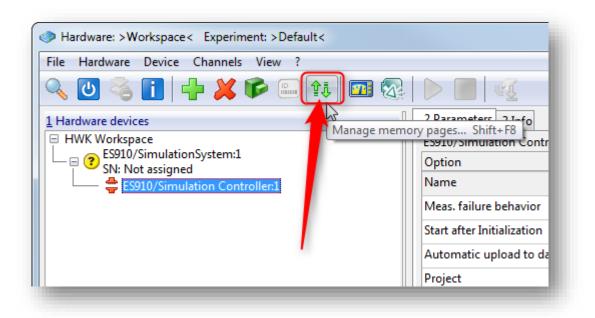
- \circ In order to store to the code to the ES910 use INCA as described in the following steps
- 4. In INCA \rightarrow Configure Hardware



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5. In dialog Hardware \rightarrow Tool bar \rightarrow 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**

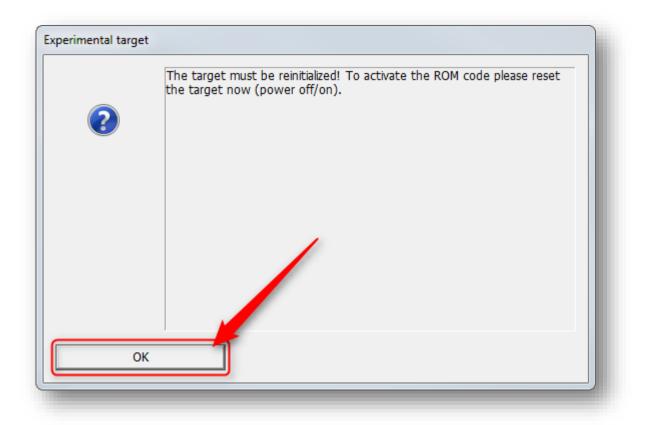
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7. Dialog **Experimental target** is displayed \rightarrow At the target device: **Power off** and **Power on** \rightarrow Then click **OK** in dialog **Experimental target**





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