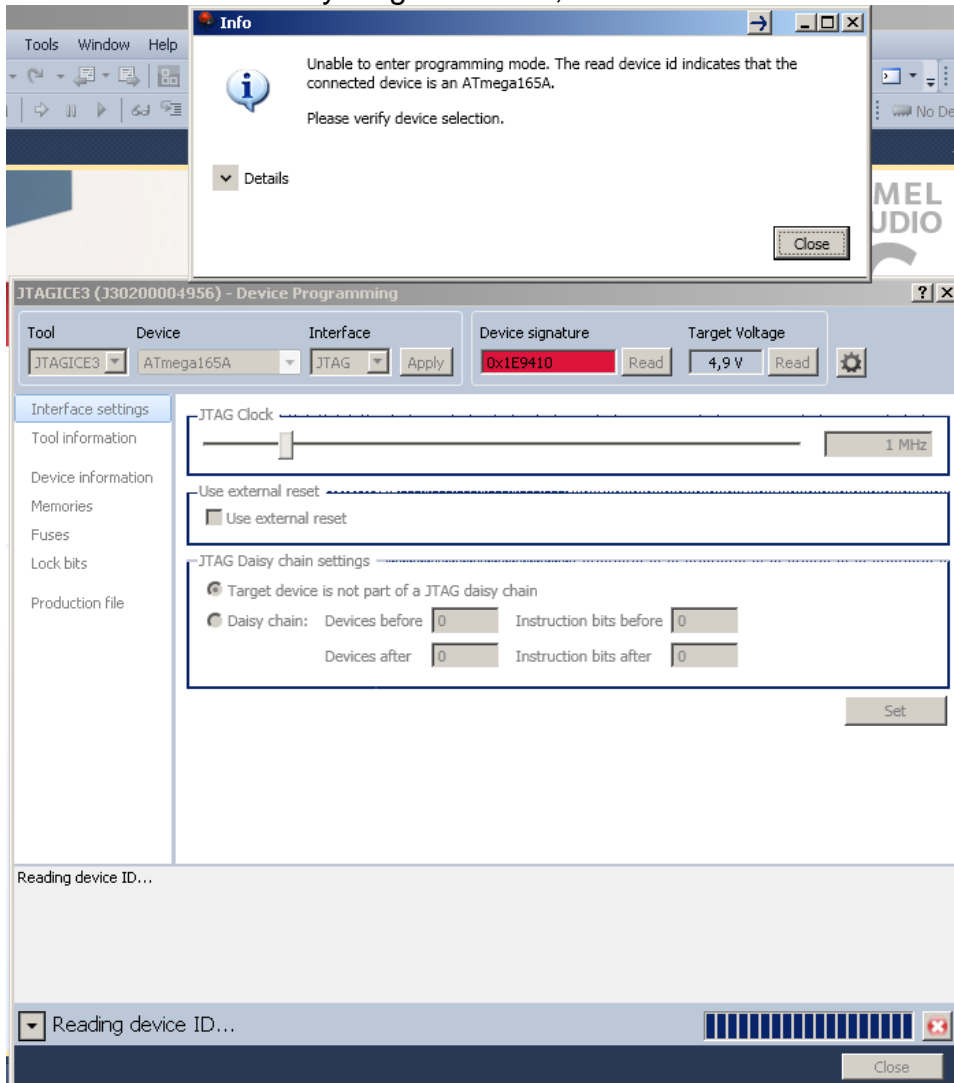
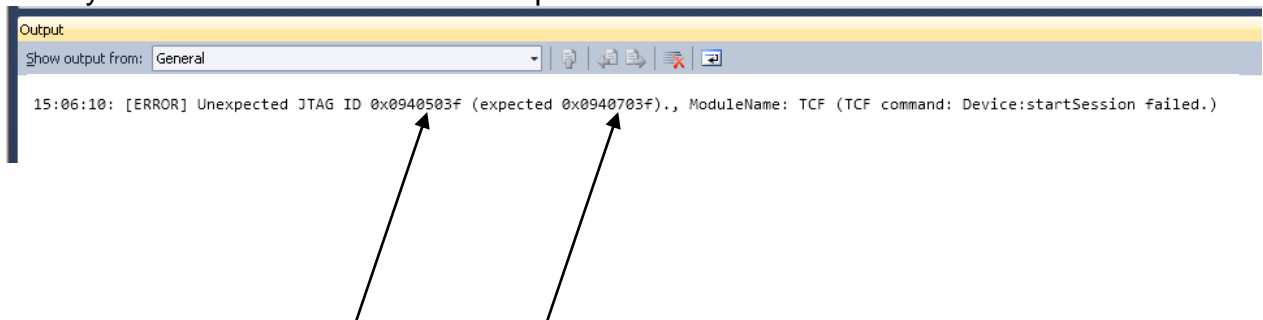


µC: Atmega165A
Programmer: JTAGICE3
Software: Atmel Studio 6 (Version 6.1.2562)

Start Device Programming and select settings as shown in the picture.
If we want to read the device signature, we get an error. You see the message in the “info window”. But everything is correct, or not?



Here you see the screenshot with output information.



Now we modify the xml file.

Adresse C:\Program Files\Atmel\Atmel Studio 6.1\devices

Name	Größe	Typ
ATmega32M1.xml	83 KB	XML-Dokument
ATmega32U2.xml	61 KB	XML-Dokument
ATmega32U4.xml	83 KB	XML-Dokument
ATmega48.xml	64 KB	XML-Dokument
ATmega48A.xml	64 KB	XML-Dokument
ATmega48P.xml	64 KB	XML-Dokument
ATmega48PA.xml	64 KB	XML-Dokument
ATmega64.xml	75 KB	XML-Dokument
ATmega64A.xml	75 KB	XML-Dokument
ATmega64C1.xml	77 KB	XML-Dokument
ATmega64HVE2.xml	59 KB	XML-Dokument
ATmega64M1.xml	83 KB	XML-Dokument
ATmega4RFR2.xml	188 KB	XML-Dokument
ATmega88.xml	66 KB	XML-Dokument
ATmega88A.xml	66 KB	XML-Dokument
ATmega88P.xml	66 KB	XML-Dokument
ATmega88PA.xml	66 KB	XML-Dokument
ATmega128.xml	74 KB	XML-Dokument
ATmega128A.xml	74 KB	XML-Dokument
ATmega128RFA1.xml	170 KB	XML-Dokument
ATmega128RFR2.xml	189 KB	XML-Dokument
ATmega162.xml	67 KB	XML-Dokument
ATmega164A.xml	72 KB	XML-Dokument
ATmega164P.xml	73 KB	XML-Dokument
ATmega164PA.xml	73 KB	XML-Dokument
ATmega165A.xml	62 KB	XML-Dokument
ATmega165P.xml	62 KB	XML-Dokument
ATmega165PA.xml	62 KB	XML-Dokument
ATmega168.xml	66 KB	XML-Dokument
ATmega168A.xml	66 KB	XML-Dokument

Unexpected JTAG ID: 0x0940703F

```
183 </property-groups>
184 <property-group name="SIGNATURES">
185 <property name="JTAGID" value="0x0940703F" />
186 <property name="SIGNATURE0" value="0x1e" />
187 <property name="SIGNATURE1" value="0x94" />
188 <property name="SIGNATURE2" value="0x10" />
189 </property-group>
```

Change to expected JTAG ID: 0x0940503F

```
184 <property-group name="SIGNATURES">
185 <property name="JTAGID" value="0x0940503F" />
186 <property name="SIGNATURE0" value="0x1e" />
187 <property name="SIGNATURE1" value="0x94" />
188 <property name="SIGNATURE2" value="0x10" />
189 </property-group>
```

Restart Atmel Studio 6 and check again.
 Result: Everything is ok.

