<u>Application Example for BIM M13x - Evaluation Board</u>

In the zip-folder you will find a code example for the BIM M13x EVB and the ETS database entry for devices of the "EIB/KNX Basic Kit" (push button interface, UP562 actor)

- Connect a push button at channel A and channel B of the UP220 pushbutton interface
- Connect all devices to the KNX bus.
- Program the pushbutton interface and the UP actor with the database entry.
- Open the code example with the IAR Embedded Workbench.
- Connect the Minicube2 to the EVB and start the program.

With the programming button at EVB you can test whether the program is running (LED turns ON and stays ON).

Function of the application example:
- Pushbutton **B** press   -> UP562 actor switch to **ON**
-                Let off key   -> UP562 actor switch to **OFF**
- Pushbutton **A** push 1x   -> UP562 actor starts a toggle modus
- Pushbutton **B** press   -> UP562 actor switch ON and OFF with about 2Hz
-                Let off key   -> UP562 actor stop switching
- Pushbutton **A** push 1x   -> UP562 actor stops the toggle modus