

## JTAG discussion required components

To follow along with the discussion, I will be using a ST Nucleo H723ZG development board. The board has a ST link JTAG included, but my board is damaged so I will be using a ST-Link device (STLINK-V3MINIE). These are available from several vendors. Visual Studio and VisualGDB will also be used, install instructions below.

- You can download a free fully functional trial of VisualGDB. The trial will expire in 30 days after the first run.
  - [Download](#)
- System Requirements
  - Microsoft Windows 11/10/8.1/8/7/2008/Vista/2003/XP
  - Visual Studio 2008 - 2022
  - **If you don't have Visual Studio, try the free [VS Community Edition](#) or a trial of [VS Enterprise](#)**
- Installation Instructions
  1. Install Visual Studio 2008 - 2022. **Express Editions are not supported. Use the free VS Community Edition instead.**
  2. Download the MSI file using the link above.
  3. Run the installer.
  4. Follow the instructions of the Installation Wizard.