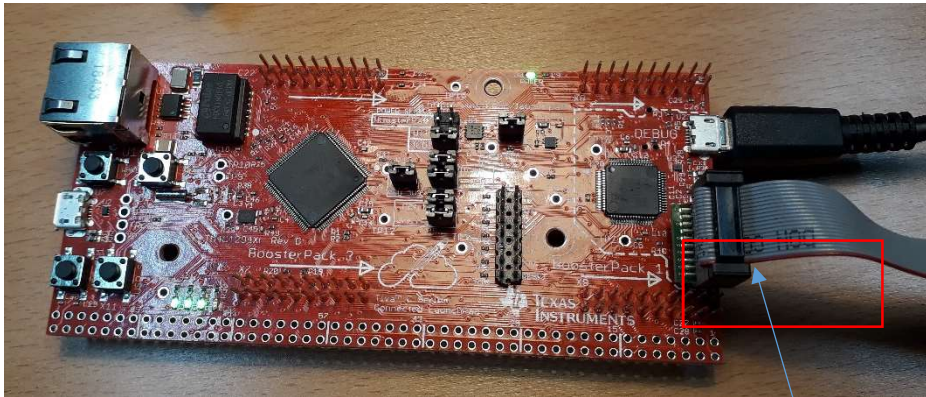


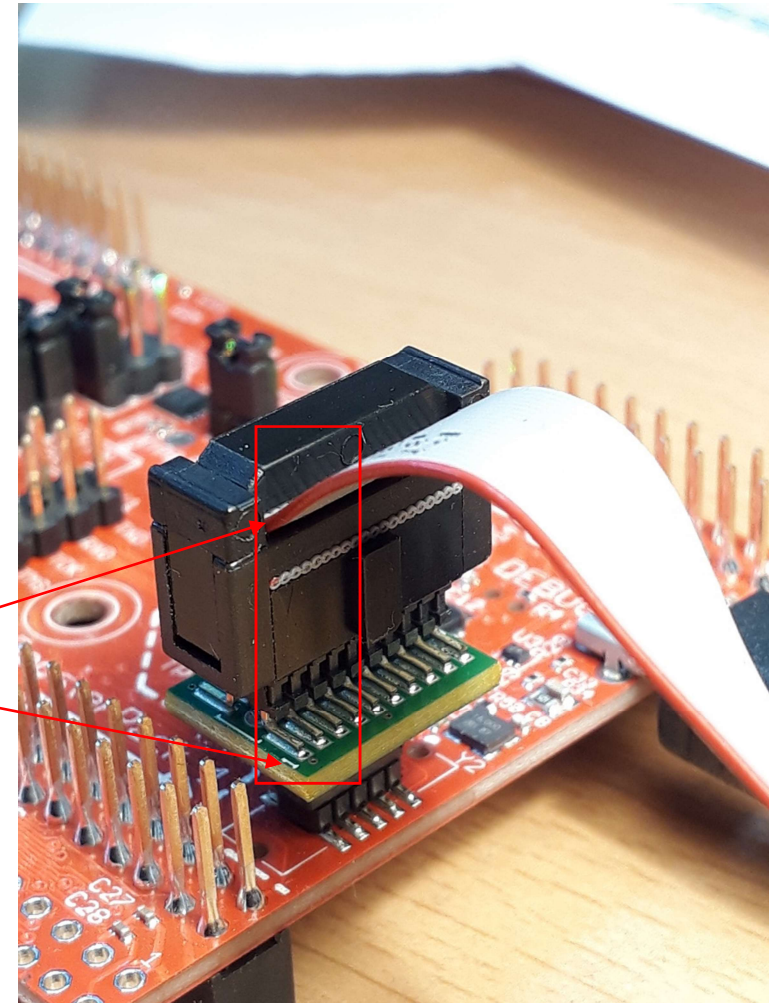
## UART test

- <https://github.com/VladTyzhnevyyi/PCB-Debugging-Tests.git> – master branch - link to the repository with the UART-test
- To compile this project:
  - Download it
  - **\$ rustup override set 1.30.1**  
**\$ rustup override set nightly-2018-12-01-x86\_64-unknown-linux-gnu**  
**\$ rustup target add thumbv7em-none-eabihf**  
**\$ cargo check**  
**\$ cargo build --release**
  - Program the target (IonPak) with the file  
`./target/thumbv7em-none-eabihf/release/uart_test`

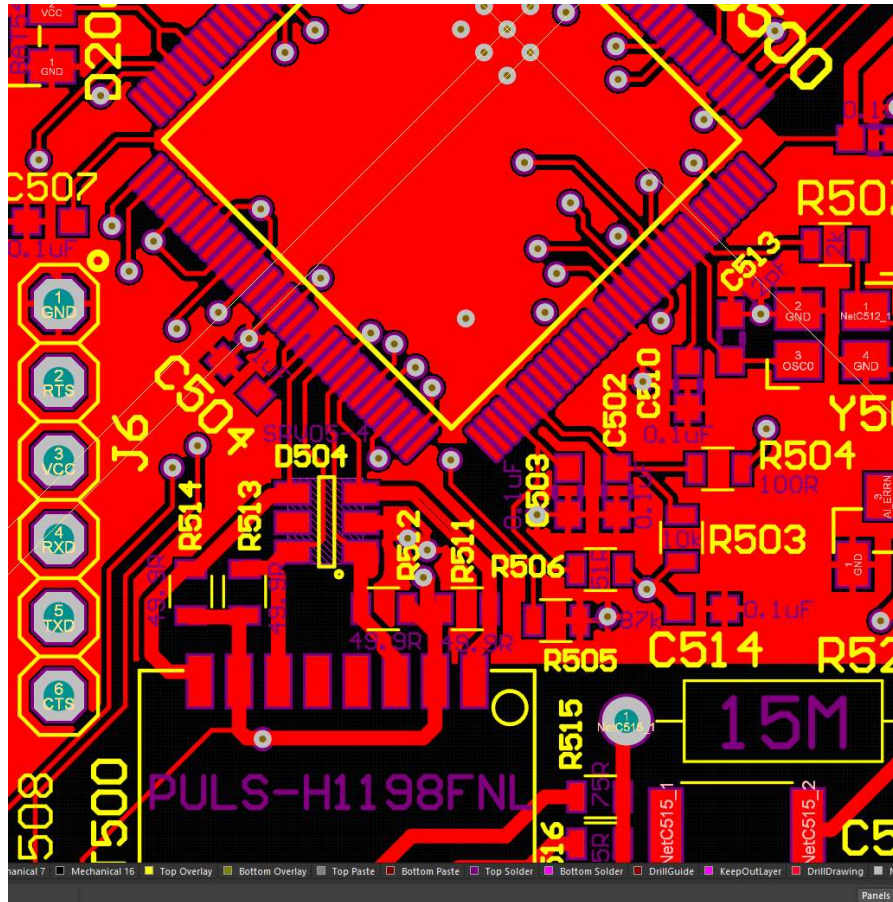
# LaunchPad via ARM10 JTAG



- Connection of the XDS110, the flat cable has to be connected to the adapter in the way, that the pin 1 of the cable (red line on the flat cable) is like on the picture
- The adapter CTI20 (IN)-ARM10(OUT) 516440-0001R has to be connected like on the picture
- **For IonPak PCB the connector of the programmer has to look the same way**

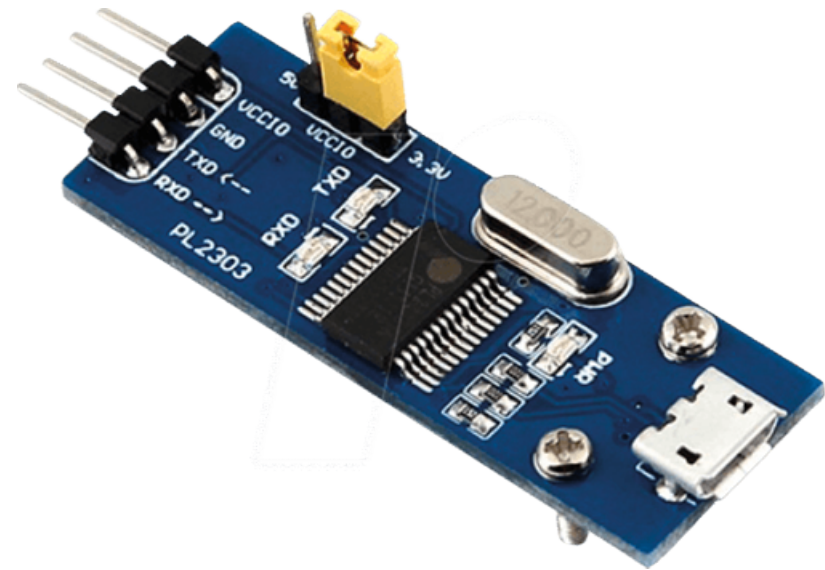


# Connections



## PL2303

- VCCIO can be and should be left unconnected
- GND – connect to pin 1 (GND) of J6
- RXD – connect to pin 5 (TXD) of J6
- TXD – connect to pin 4 (RXD) of J6





# Monitor Serial port

