

Quick Start Guide

UPDI-Programmer

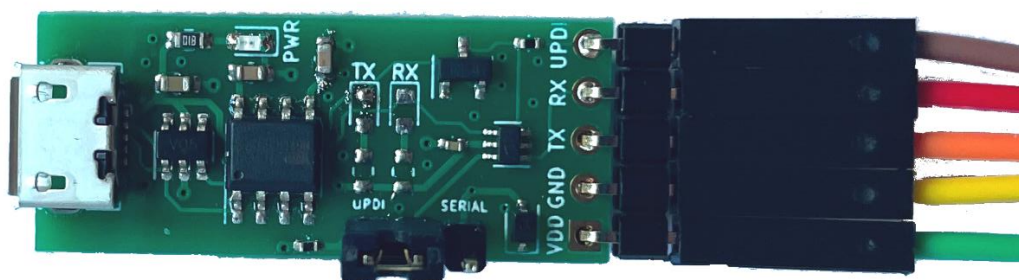
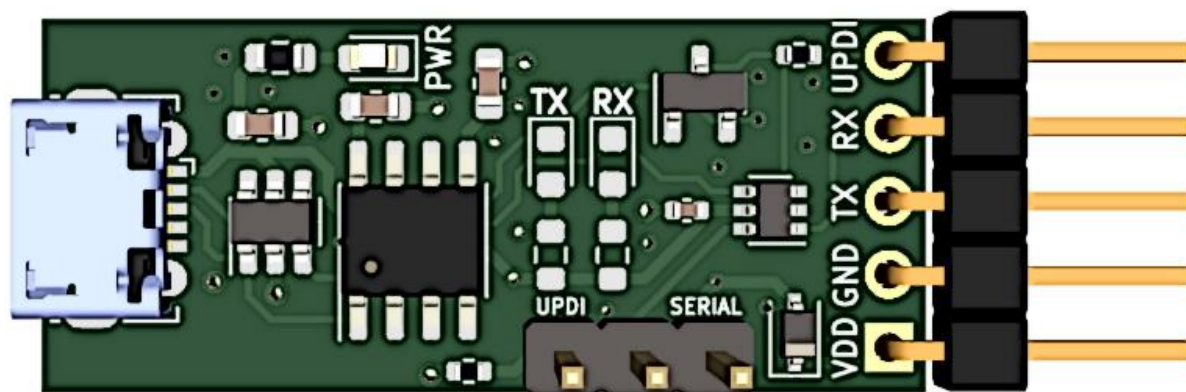


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[jnr-technology/UPDI-Programmer \(github.com\)](https://github.com/jnr-technology/UPDI-Programmer)



Description

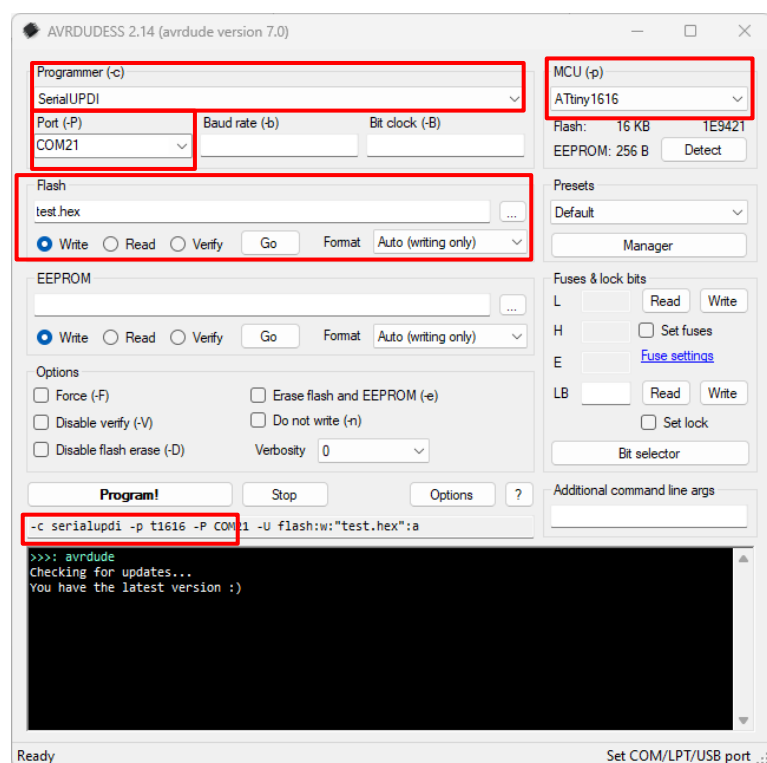
Overview

- UPDI Programmer and USB to UART-Converter
- Programming-Tool für UPDI programmable Microcontroller from Microchip (for example ATtiny, ATmega)
- Micro USB Typ B Connector
- 5V Logic (Only compatible with 5V tolerant Microcontrollers)
- Jumper for switching between UPDI-Programming and UART
- Solderd Pin-Header
- Included 5 Pin Jumper Cable
- Example using the Arduino IDE can be found in the ATtiny Quick Start Guide

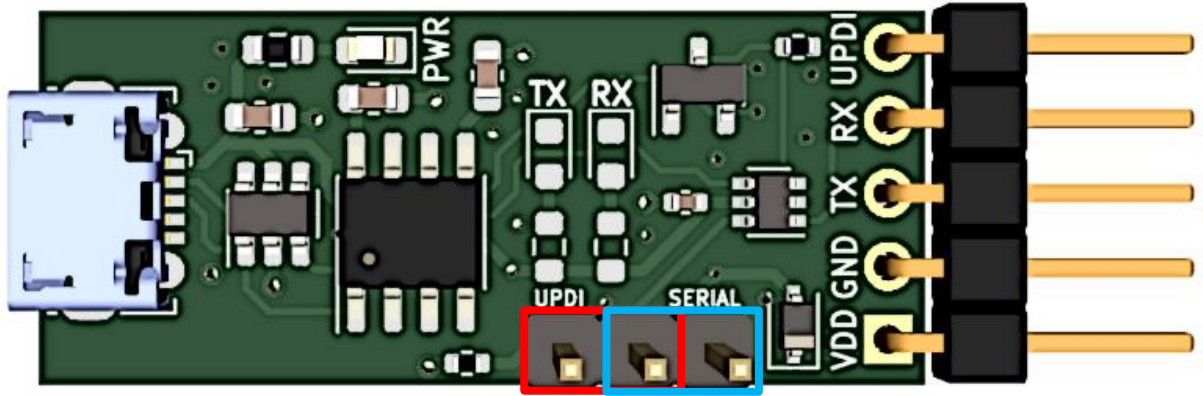
Example Software AVRDUDESS

The Software AVRDUDESS is capable of flashing binaries and .hex Files with the UPDI-Programmer to Microchip Microcontroller.

1. Choose **Programmer** (SerialUPDI)
2. Choose **Port** (COM-Port)
3. Choose **MCU**
4. In section **Flash** choose .hex/.bin File
5. In some cases it may be necessary to check Checkboxes or Radio Buttons
6. Submit the flashing progress with „**Program!**“



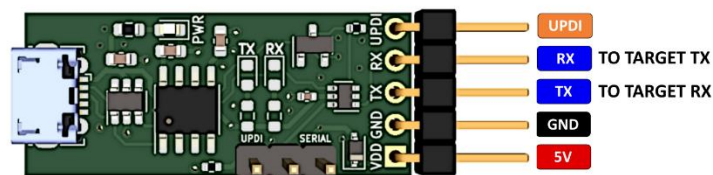
Header Configuration



UPDI-Programming Mode - Serial Interface Mode

UPDI-Programmer Pinout

- POWER
- GND
- PROGRAMMING PIN
- PRIMARY FUNCTION



Change documentation		
09.04.2023	v1.0	Initial Version.
13.05.2023	v1.1	Layout was changed. Added Chapter Software ADRDUDESS.