## PocketQuad V1.1 Bootloader flash
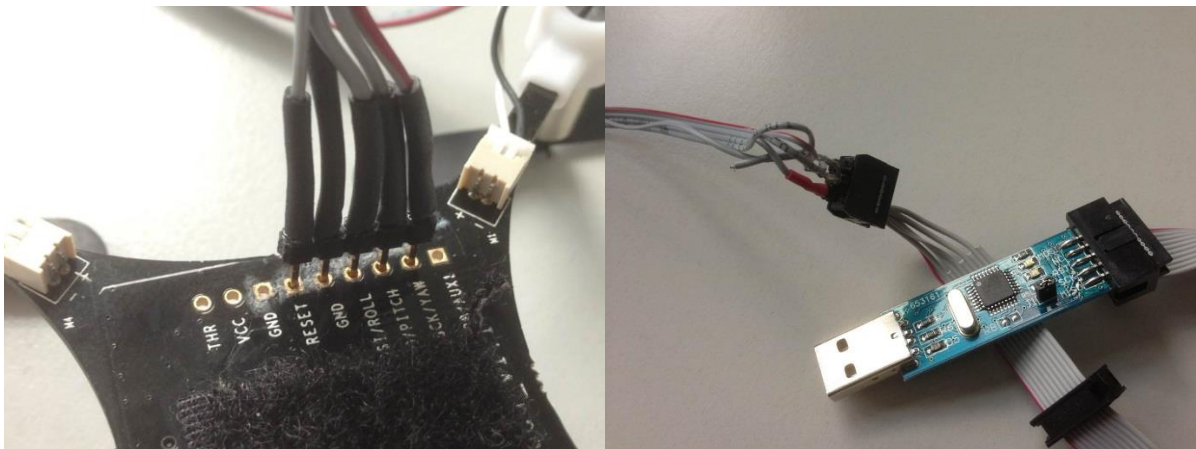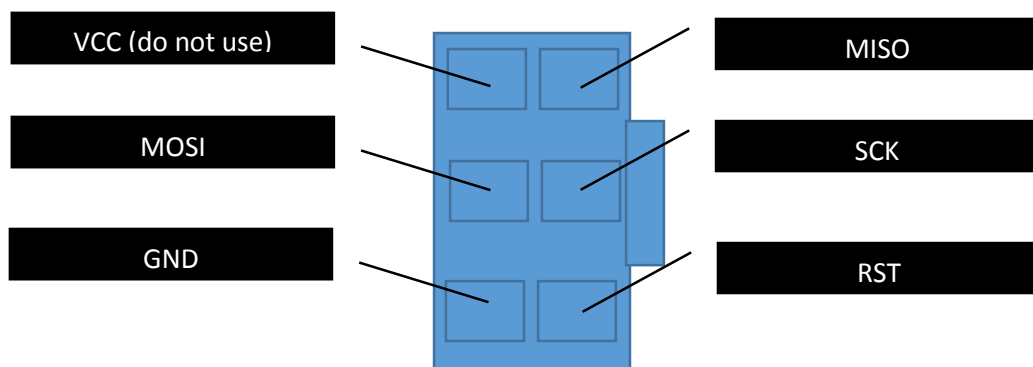
Some Models oft he PocketQuad need a update oft he Bootlader. This Bootlader can't flashed by the integrated USB connection. To Flash a new Bootlader you need a Programmer like the USBasp from Hobbyking.

### Bootloader flash

1. Make a connection betwenn the USBasp and the PocketQuad Board. For this you need to build an adapter cable.
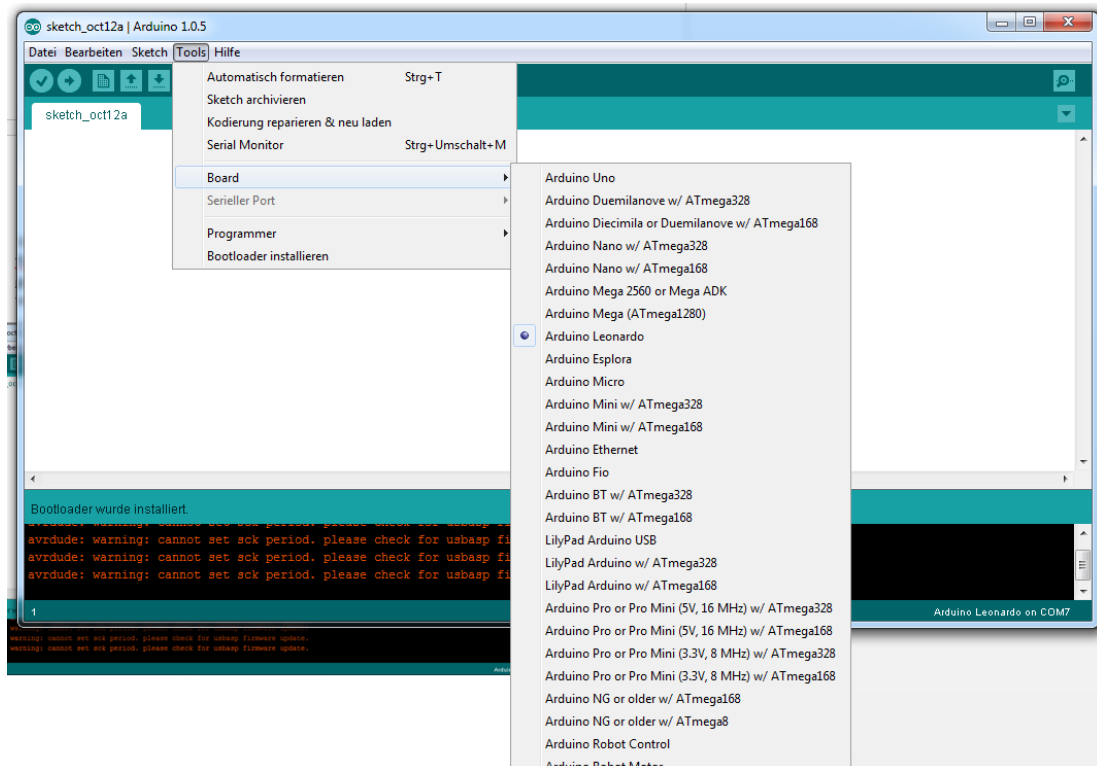


The 6-pin connector oft he USasp hast he following pin assigment. The Pins you need to connect also marked on the PocketQuad Board. Warning VCC is not required!



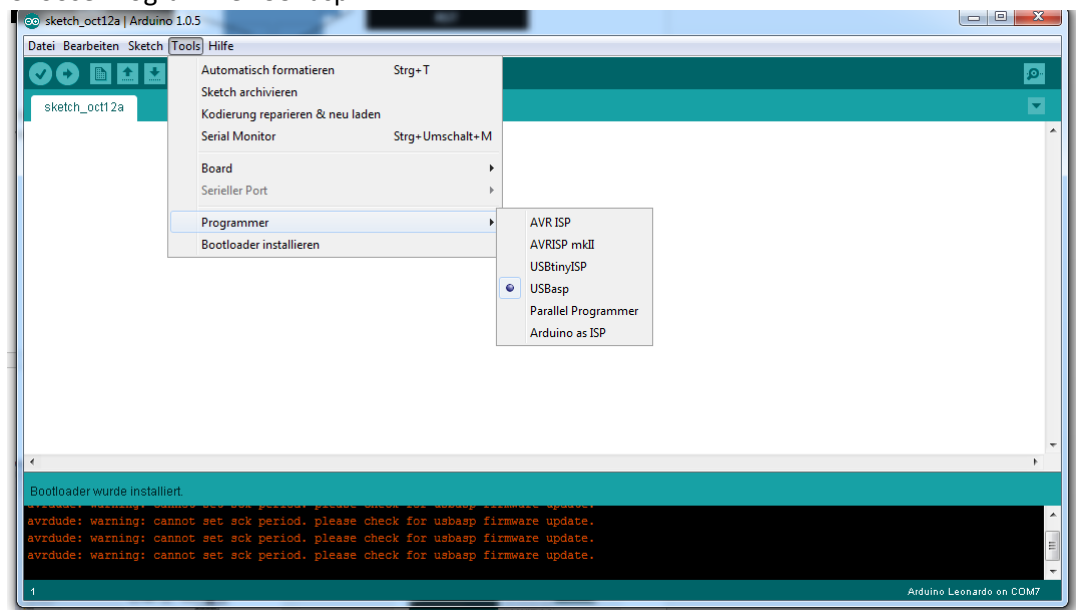| VCC (do not use) | | MISO |
| MOSI | | SCK |
| GND | | RST |

2. If the USBasp connected with the Pocket Quad, you only need to be connected the battery. Now start the Arduino software. Warning disconnect the receiver during you flash the bootloader!!!!!!

3. Choose Boardtyp, Arduino Leanardo.



4. Choose Programmer USBasp.

5. Choose under the Tools tab „install Bootlader", this starts the upload. This may takes several minutes. After the upload you can use the integrated USB-Port to upload new Code to your PocketQuad. (New code to bind the receiver, for example).