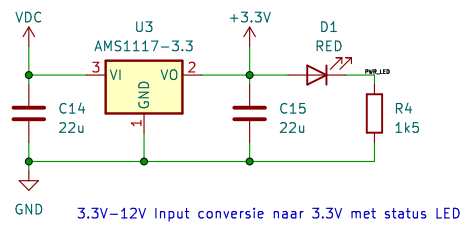


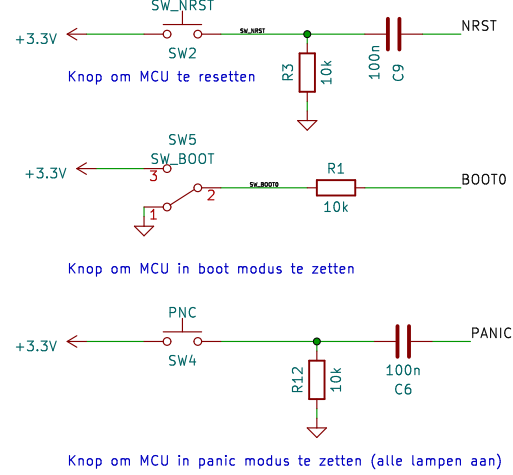
STM32F103 Ra-02 LoRa LED Strip Driver

MCU Power Filtering

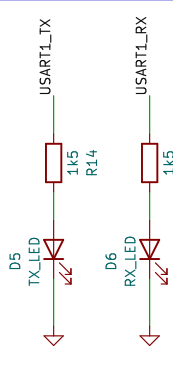
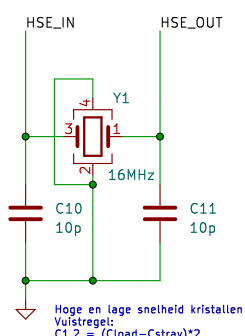


Filtering van 3.3V voor microcontroller.
Vuistregel: 100nF/supply pin

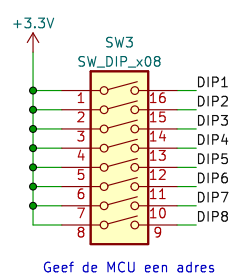
Buttons



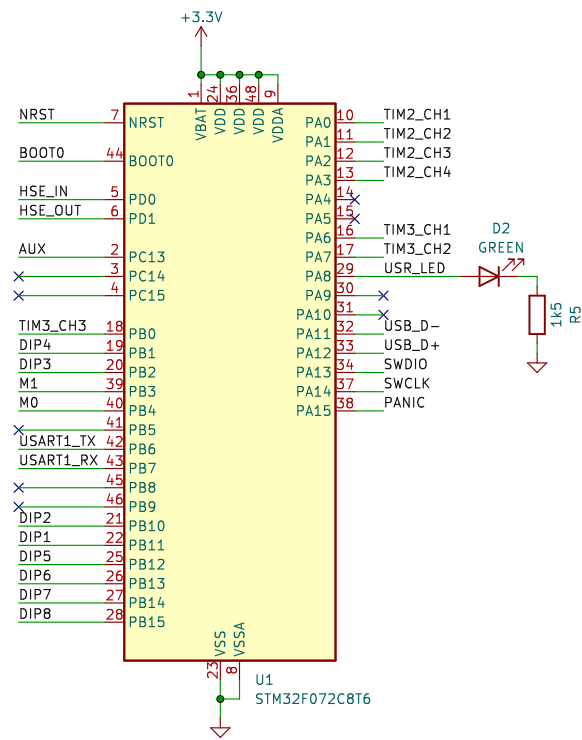
Crystals



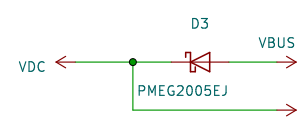
DIP Switches



Microcontroller



VBus Protection

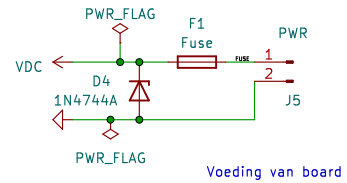


Zorgt ervoor dat de USB poort niet opgeblazen word...

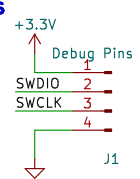
Mounting holes



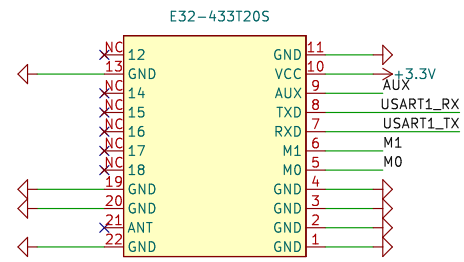
12V Connector



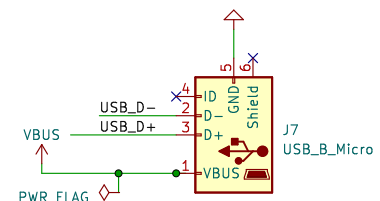
Debug pins



LoRa Module



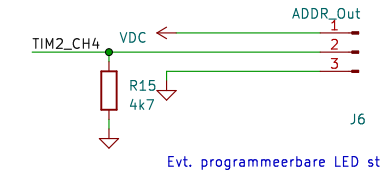
USB micro Connector



USART1 Connector

Communicatie

Addressable LED out



Channel 1-6

