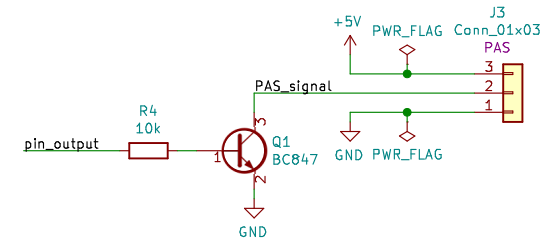
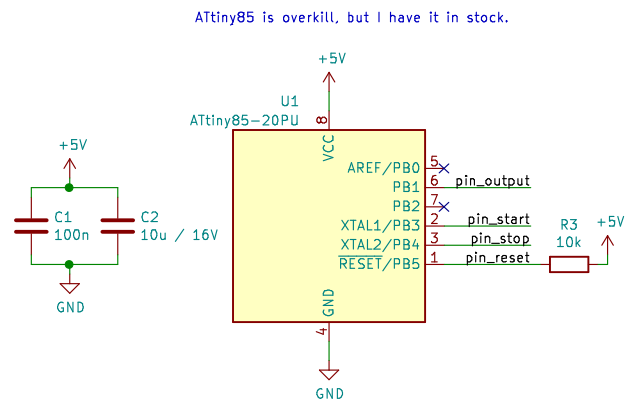
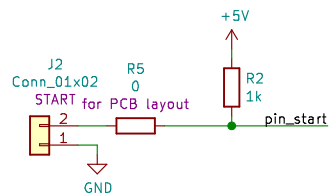
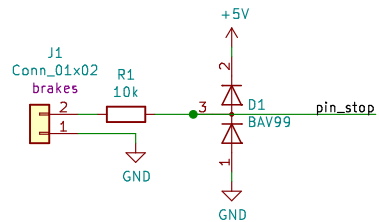


female

Connector pins were numbered by me, it might be non-standard.  
 Brakes (female):  
 1 - GND  
 2 - Both brake switches in parallel, switched to GND, pull-up to 5V  
 3 - 5V  
 PAS (female):  
 1 - GND  
 2 - PAS, switch to GND, has pull-up to 5V  
 3 - 5V

PAS signal specs: square wave: 2 Hz to 30 Hz; 10 % to 90 % duty cycle  
 This device's output signal: 10 Hz; 50 % duty cycle



Ondřej Sluka

Sheet: /  
 File: PAS.sch

**Title: e-bike PAS signal generator**

Size: A4  
 KiCad E.D.A. kicad 5.1.10-88a1d61d5890ubuntu20.04.1

Date: 2021-08-14  
 Rev: 1/1