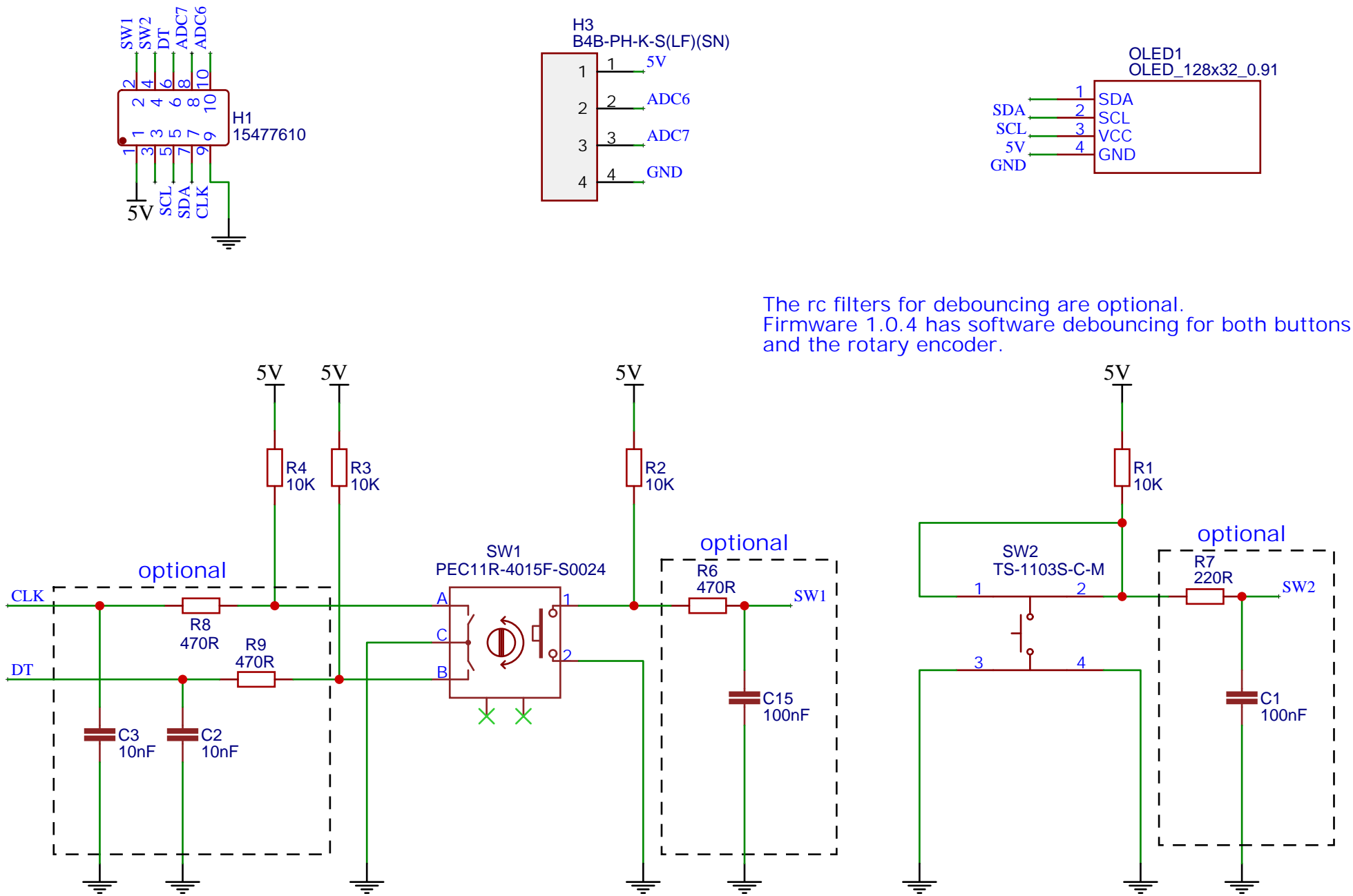


# Control Panel with OLED display, rotary encoder and 2 buttons

for <https://oshwlab.com/sascha23095123423/dc-motor-controller>

analog input ADC6/ADC7 are connected to H3  
with an ATmega328PB those can be used as digital pins as well (PE2/PE3)



The rc filters for debouncing are optional.  
Firmware 1.0.4 has software debouncing for both buttons  
and the rotary encoder.

Rev 1.1 - Optional debouncing for the rotary encoder and buttons. Adjust C1/C2/C3/C15 to your needs and the current limiting resistors R6/R7/R8/R9 (the switches have a 10-50mA contact rating), different 10 pin connector, removed power LED



TITLE: Rotary encoder and OLED display for motor controller		REV: 1.1
EasyEDA	Company: KFCLabs	Sheet: 1/1
	Date: 2019-10-11	Drawn By: sascha23095123423