

Klopper: DC motor as actuator (percussive controller)

trigger 1

2..10V ON
0..2V : OFF

trigger 2

2..10V ON
0..2V : OFF

trigger 3

2..10V ON
0..2V : OFF

trigger 4

2..10V ON
0..2V : OFF

STM32 controller module

BluePill

LED 1

LED 2

LED 3

LED 4

back force 1
pot.100k

back force 2
pot.100k

hit force 1
pot.100k

hit force 2
pot.100k

hit force 3
pot.100k

hit force 4
pot.100k

2 x PAM8403 amp modules

modding:

- input shorted to GND
- new input behind Cin
- Rin changed from 10k to 100k

motor 1

motor 2

motor 3

motor 4

12V 1A input

DC/DC converter module

set to 3.3V !

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