

BRUSHLESS SERVO MOTOR

Panelexension

Overview SMC (Sewing Motor Controller)

Extension for cheap chinese brushless sewingmachine motor to control speed, start/stop, direction, etc.

This Servomotor is available with 550W or 750W and could be used as a replacement for the motor in mini lathe like Rotwerk EDM300 and similar machines.



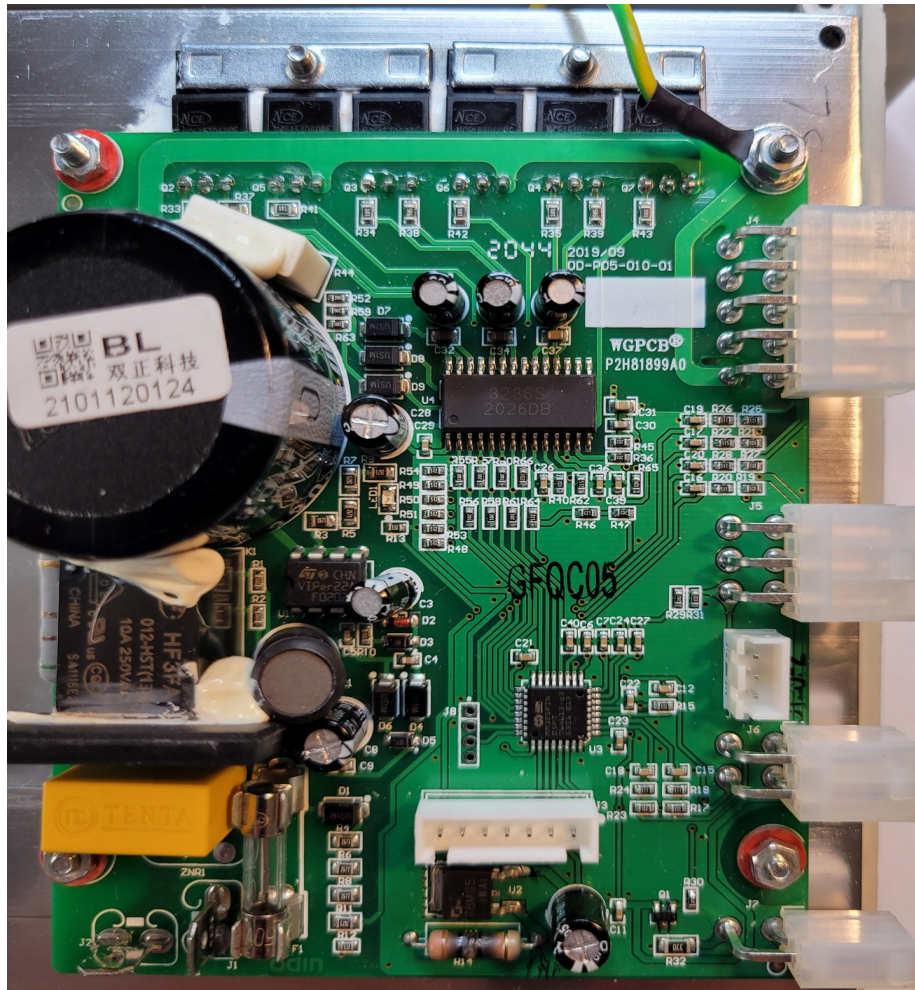
https://de.aliexpress.com/item/1005003090904992.html?spm=a2g0o.store_pc_allProduct.8148356.1.15fa6fc5JvWeOf

search: „brushless servo motor 550W“ at Aliexpress or Ebay

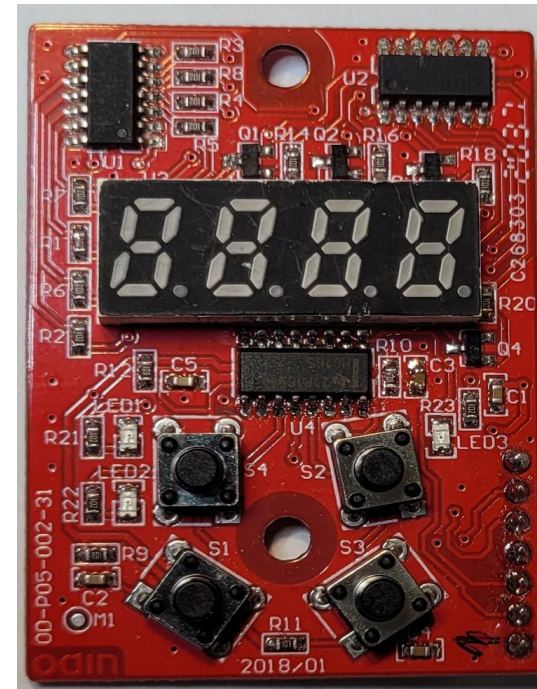
Features of SMC extension board

- ▶ no changes on Controllerboard or Panelboard needed
- ▶ can be installed in the housing on existing attachments
- ▶ speedcontrol, potentiometer
- ▶ start/stop control, switch
- ▶ rotation direction control, button with LED
- ▶ securityswitch input for chuck guard
- ▶ automatic reset thermostat input

Mainboard and Panelboard

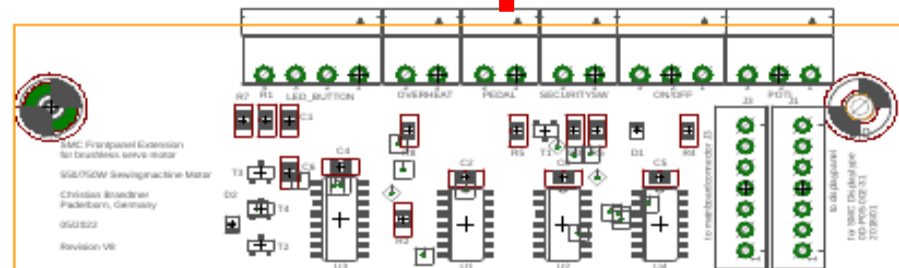
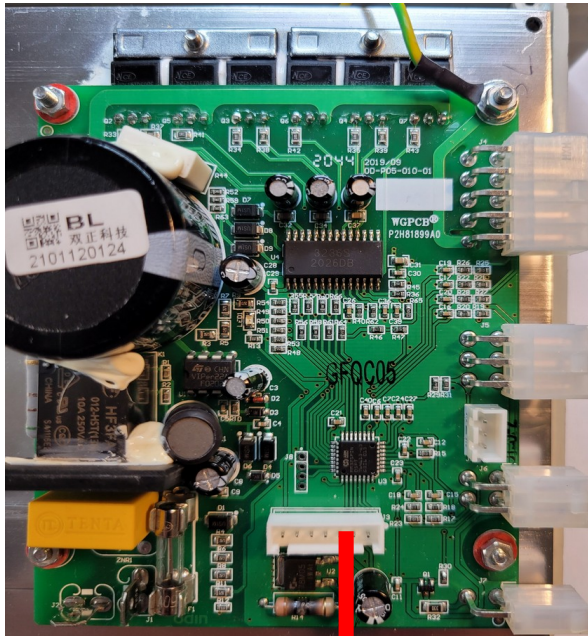


OD-P05-010-01



OD-P05-002-31

SMC Extension between main and panel



SMC Extension external connection

Direction switch with Led



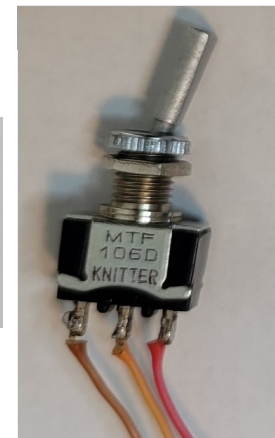
**Overheat switch
(optional)**



Chuck guard switch



On/off switch



Speed Potentiometer

