



LM7805 is the TO-220 version of the fixed voltage regulators. it accepts a maximum input voltage of 35V.

LM340 is somewhat similar but comes in a SOT-223 SMD package.

there is also another SMD version called 78M05 which comes in a TO-252 package. however, it has a maximum input voltage rating of 25V.

currently i would opt for LM7805 as it is also likely to handle heat dissipation better and is available at JLCPCB.



mounting holes aligned with SMC112 PCB mounting holes

Sheet: /
File: pxia--motor--device-controller.kicad_sch

Title:

Size: A4
KiCad E.D.A. 9.0.0

Date:

Rev:

Id: 1/1