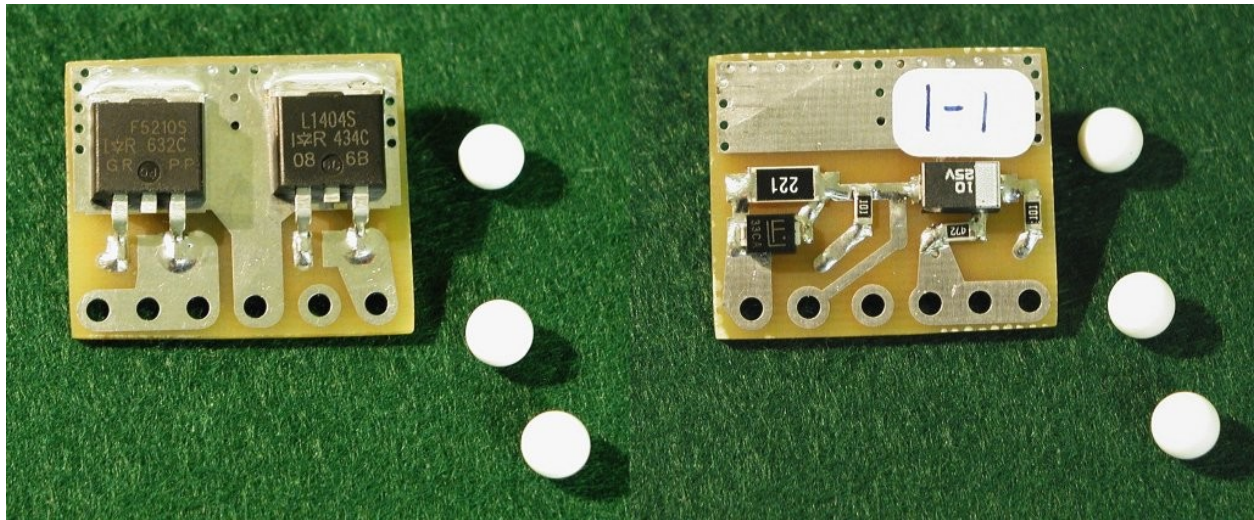




SW-AB AEG MOSFET Switch With Active Breaking



The SW-AB is a MOSFET switch designed to remove the high current load from the standard AEG mechanical switch. It has an active motor break circuit to bring the motor to a stop very quickly.

Special Note: These products assume the buyer is able to disassemble and reassemble the AEG and especially the mechbox fairly easily. Rewiring and soldering are needed for installation as well as some electrical and mechanical skills.

Specifications

Size = 1 x 1.2 x 0.4 inches

Weight = 6.5 grams

Voltage = 8 to 16 VDC

Peak Current = 160 Amps

RMS Current = 30 Amps

Features

1. Full active breaking that is gentle enough not to harm the motor but still stops the motor very quickly.
2. Fully assembled, production tested.
3. Built in heatsink.
4. The MOSFETs are fully protected against voltage spikes from the motor.
5. It is almost impossible to cross conduct the MOSFETs.
6. Fully protected against static discharge.
7. Resistant to water and condensation.
8. The circuit draws no current when not triggered.
9. The trigger circuit needs considerable current to turn on preventing false firing from condensation, grease, etc.
10. Uses surface mount parts to minimize size.
11. Very tolerant of bad wiring, bad layout, noise, etc.
12. Failure of the active breaking MOSFET can't turn the gun uncontrollably on.