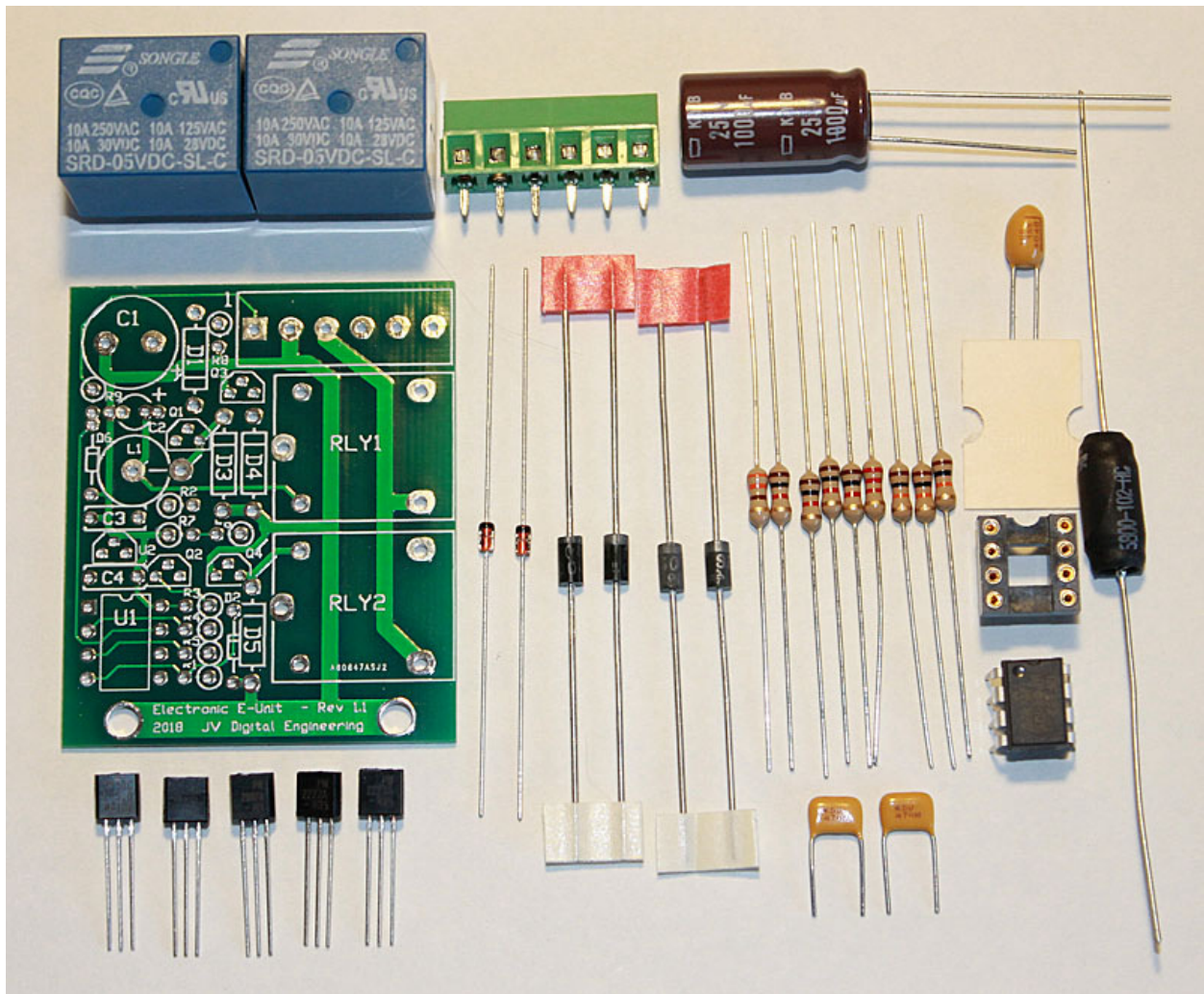


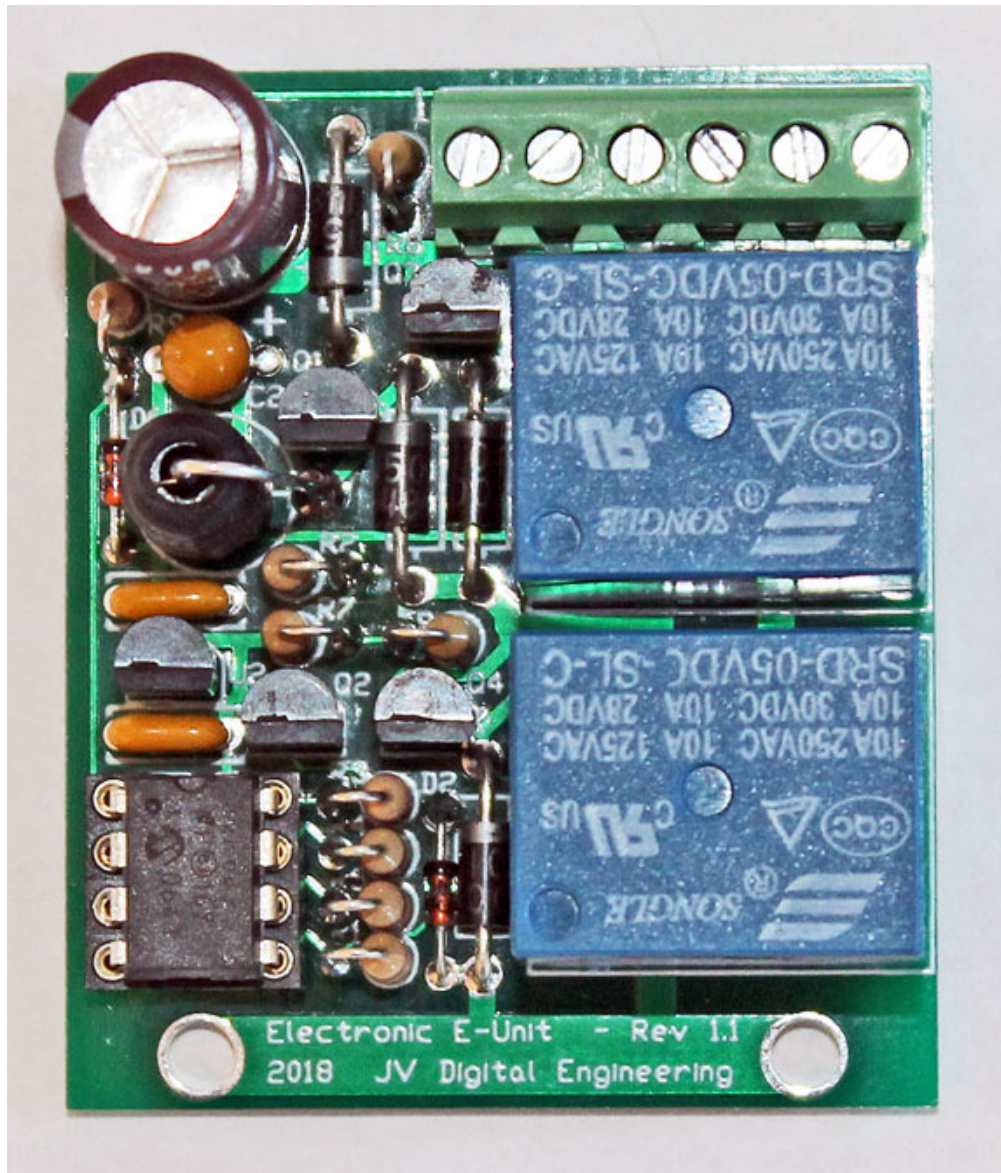
Electronic E-Unit

10/28/18

The Electronic E-Unit is designed to replace the mechanical E-Unit in AC-powered Lionel engines. It sequences through the four states like the mechanical unit, and will resume at the next state when power is restored, regardless of how long power has been off. This version uses 10 amp mechanical relays rather than semiconductors to control motor current, so there is no dissipation issue running higher powered 2-motor engines. A customer provided lock-out switch to the chassis will retain the prior state - forward, neutral, or reverse - just like the mechanical unit. The high density terminal block accepts up to 16 gauge wire. The Electronic E-Unit can be mounted with double-backed foam tape or a customer supplied flange to the chassis. A ground terminal to connect to the chassis is provided for isolated mounting.

The Electronic E-Unit is presently available in kit form:





Assembled Electronic E-Unit

Connections Left to Right:

- 1 - Optional lock-out switch to chassis frame
- 2 - Ground to chassis frame
- 3 - Track AC power in
- 4 - Motor armature terminal 1
- 5 - Motor armature terminal 2
- 6 - Motor field