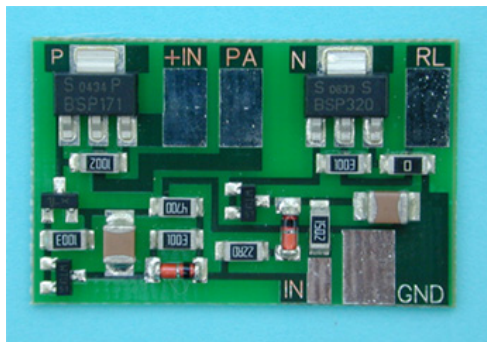


SEQ 1, Sequence Controller

max. 1 A • +12 ... 15 V DC



Description

Many coaxial relays have a too low isolation between the ports during the change-over. If the power amplifier (in a transmit-receive system) is switched too early, this may lead to damage or destruction of the input transistor in the preamplifier or converter.

With a sequence controller, this trouble can be avoided. The sequence controller provides a control signal for the coaxial relay and it switches the voltage supply for the power amplifier. There is a time delay between the two signals to guarantee safe switching.

Applications

- Control circuit for transmit-receive systems which use power amplifiers and coaxial relays

Technical specifications:

Supply voltage	+12 ... 15 V DC
Control Output PA	max. 1 A
Control output for antenna relay	max. 1 A (switched to GND)
Switching delay	typ. 100 ... 150 ms