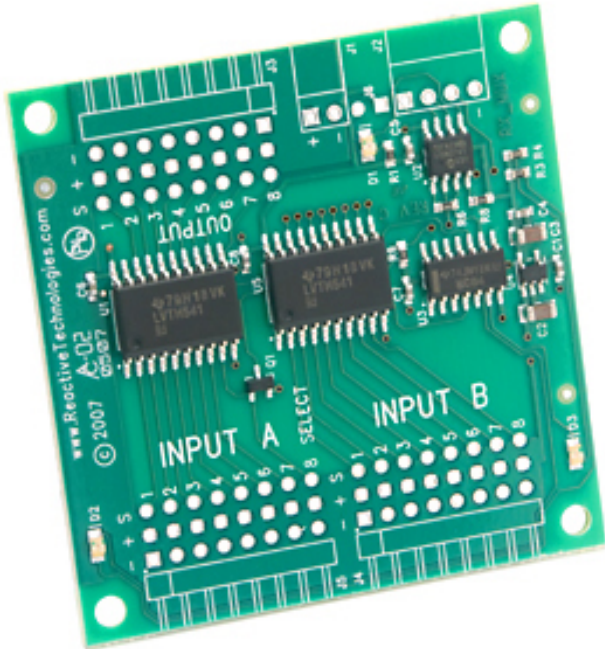


RxMux RC Control Mux R306-RXMUX \$79.00

The RxMux is a specialized multiplexer that uses R/C servo signals as a basis for input control and output signals. The RxMux allows control of 8 R/C servos from two different input signal sources. Signal sources can come from R/C receivers, autopilots or microcontrollers that are connected to the RxMux input pins.



The RxMux allows control of a set of R/C servos from two different signal sources. Signal sources such as R/C receivers, autopilots, microcontrollers, etc. are connected to Input A and Input B. Standard R/C servos are connected to the Output. Switching between the two sources is accomplished by sending the appropriate width servo signal on the Select input channel (Input A, Channel 8). When a servo signal less than 1.5 ms wide is detected, signals connected to Input A are sent to the Output. A servo signal wider than 1.5 ms will send connected signals at Input B to the Output. When no servo signal is detected at the Select input, the RxMux will default to connecting Input A to the Output.

The RxMux is best used as a component in a well planned system (by itself, the RxMux does not perform any failsafe, redundancy or protection services,) although the RxMux will default to Input A in the absence of any Select input signal, this is not a reliable failure mode.

Most R/C receivers will output some signal even when they are not receiving a valid transmission. The use of PCM receivers with appropriate failsafe programming is recommended. In most applications, an external device must provide the intelligence to determine which input should be selected and send that choice to the RxMux.

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