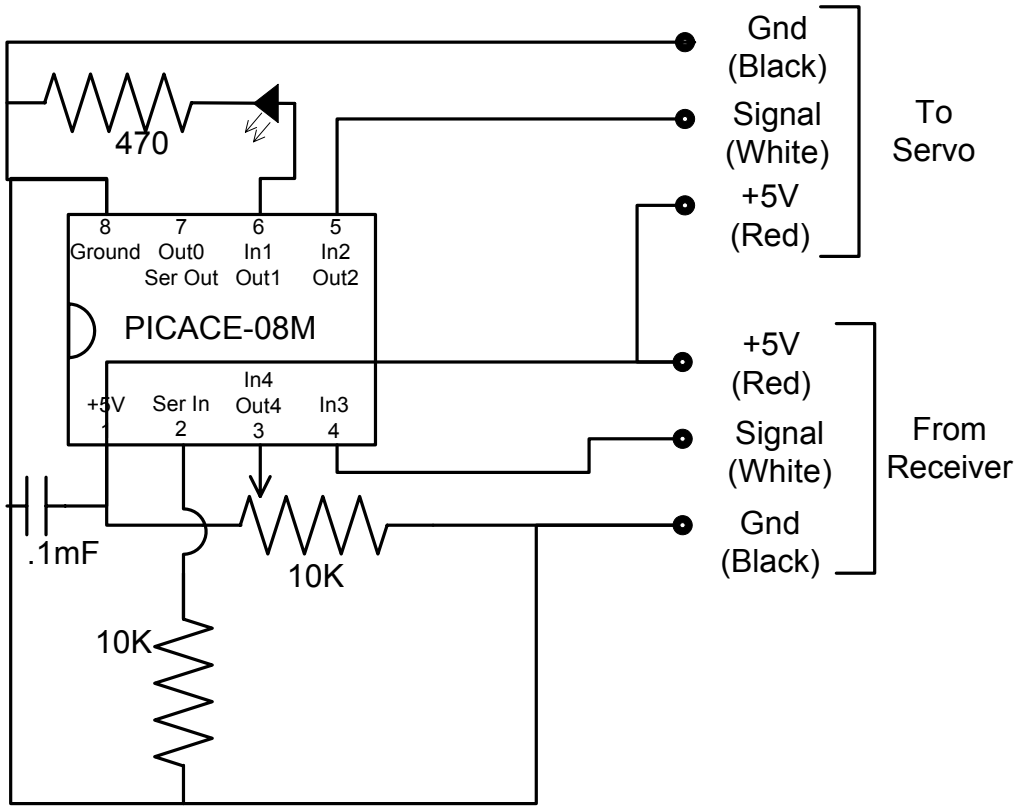
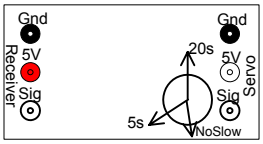
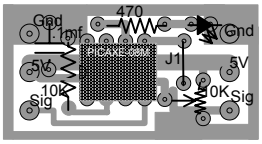
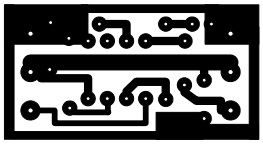
Servo Slowdown Based on PICAXE-08M Microcontroller









Kevin Goom
17 October 2005

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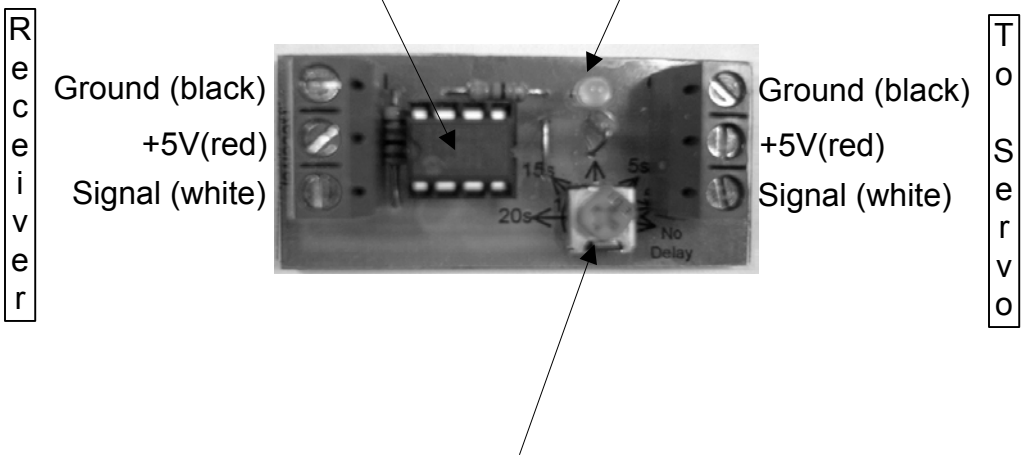
Mode Indicator
1/2 second flash - no valid signal from receiver
Steady on - pass through (no slowdown)
Flicker - servo slowdown operative

Programmed Picaxe-08M Microcontroller



Speed Adjust
Changes to the slowdown rate will only become operative after power is removed and restored (i.e. receiver turned off and back on)

Fully anti-clockwise
Maximum slowdown (approx 20 seconds for end-to-end travel)
to
3/4 clockwise
Minimum slowdown (approx 3 seconds for end-to-end travel)
to
Fully anti-clockwise
No slowdown (as without the servo slowdown device)

Caution:
Do not use with >5.4V supply to the receiver (some run on 6v).
It will likely destroy the microcontroller

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