







Design Note: High pitch frequencies from the motor is typically caused by low frequency PMW
<https://automateeverythingsite.wordpress.com/2016/11/20/hacking-big-mouth-billy-bass-part-13/>
 Thus a switch is used to test the need for a low-pass filter
<https://www.allaboutcircuits.com/technical-articles/low-pass-filter-a-pwm-signal-into-an-analog-voltage/>
 With ESP32 low-pass filtering is not necessary after ~5-10kHz.
 Replace 330Ω with 0Ω or remove 100nF cap to reduce parasidic filtering of PWM

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