



for low-pass filter:  $f_c = 1 / (2\pi \times 1\text{kohm} \times 10\text{nF}) = 15.9\text{kHz}$   
 for PSRR:  $f_c = 1 / (2\pi \times (51\text{kohm} // 51\text{kohm}) \times 10\text{uF}) = 0.624\text{Hz}$   
 for input:  $f_c = 1 / (2\pi \times 10\text{kohm} \times 10\text{nF}) = 1.59\text{kHz}$   
 for feedback:  $f_c = 1 / (2\pi \times 10\text{kohm} \times 10\text{nF}) = 1.59\text{kHz}$   
 for output:  $f_c = 1 / (2\pi \times 510\text{ohm} \times 100\text{nF}) = 3.12\text{kHz}$

JJY antenna for M5StickC

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