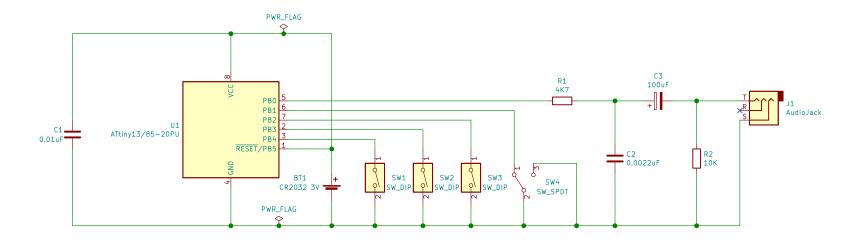
* PBO-5 of U1 are used in several ways for applications. In this case, PBO (OCOA) is assumed to be the PWM output.

* R1 and C2 make a low-pass filter. The cut-off frequency is approx. 15392.2 Hz.

If you set 18750 samples per second for DPCM, apply 0.0047uF capacitor for C2 to reduce high frequency noise (cut-off 7204.8 Hz).

* R2 and C3 make a high-pass filter. The cut-off frequency is approx. 0.159 Hz. However, it depends on the resistance in the input impedance of a load. For example, a load at 32 ohms resistance is combined with R2, resulting 31.898 ohms and cut-off at 49.895 Hz.



This schematic is exempt from warranty, responsibility. and liability from any kind and any damage.

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JimmyKenMerchant

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File: sound_output_pwm_attiny.sch

Title: Sound	Output with PWM of ATtiny13/85	
Size: A4	Date: 2021-12-12	Re
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