

MMTMM

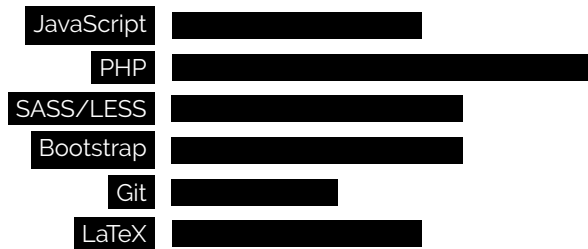
BOB BASS

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WHO AM I?

The BOB BASS is a 100% open source drum modules inspired from the 808 Bass drum. It features the same drum core as the 808 and various other features, such as filters, tuning and an **overdrive**.



GETTING STARTED

The BOB BASS requires power. Then post a picture, then outline what all the knobs do and what to plug into.

SCHEMATIC

TRANSFER FUNCTION FOR DRUM CORE

Equation 1 is the transfer function for the drum, while Equation 2 is the standard form.

$$G(s) = \frac{\frac{-s}{R_7 C_1}}{s^2 + \frac{s}{R_6} \left(\frac{1}{C_1} + \frac{1}{C_2} \right) + \frac{1}{R_6 R_7 C_1 C_2}} \quad (1)$$

$$G(s) = \frac{k \cdot w_n^2}{s^2 + 2\zeta w_n s + w_n^2} \quad (2)$$