

Datasheet:



SPEAKER FOR MICRO:BIT KIT

V1G - 2020-02-22

The MonkMakes Speaker for micro:bit is a neat little amplified speaker that connects to your micro:bit using alligator clips. Despite its small size, this speaker is pretty loud.

- Amplified output
- LED 'power on' indicator
- Reverse polarity protection

The speaker does not use linear amplification and uses a single N-channel MOSFET design.

A P-channel MOSFET is used for polarity and over-current protection making the design suitable for a micro:bit powered from USB.



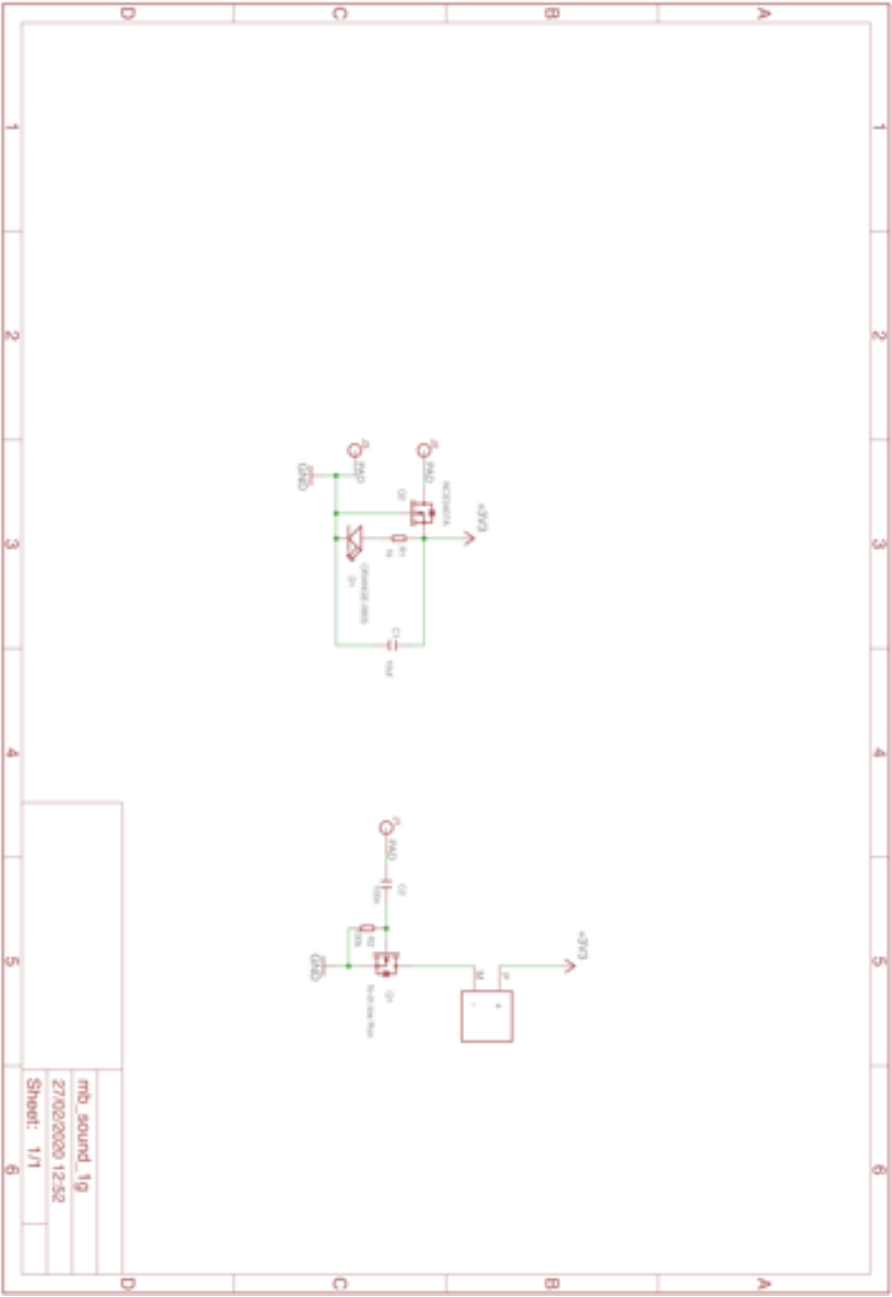
Absolute Maximum Ratings

		Units
Supply voltage	5	V

Electrical Characteristic

		Units
Supply voltage range	2.6 to 5	V
Speaker impedance	8	Ω
Speaker nominal max power	500	mW
Coupling	AC	
Maximum current consumption	80	MA
Nominal amplification power	250	mW





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