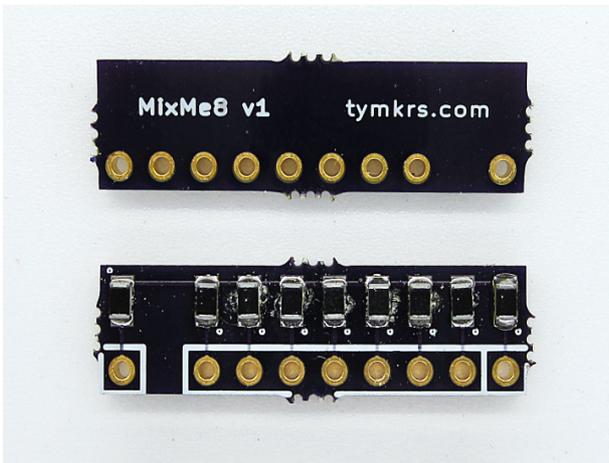


The Toymakers @ tymkrs.com
Questions? Please contact us:
feedback@tymkrs.com

DATASHEET



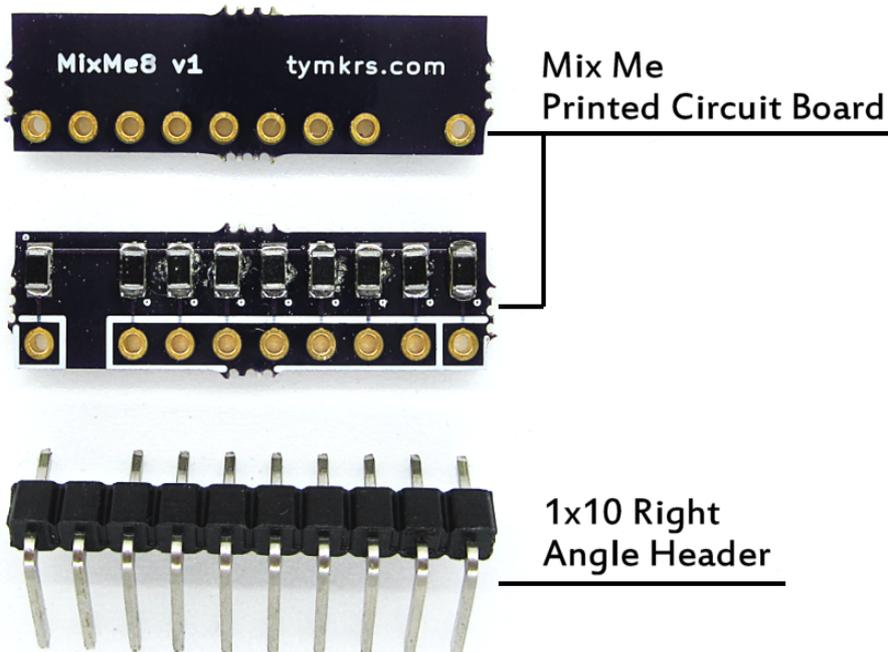
Mix Me 8

Passive Summing Mixer Kit

The Mix Me 8 is a passive summing mixer kit that can take 8 signals and output 1!

- Kit Type: SMT and minimal throughhole soldering
- Assembly instructions: In datasheet
- Function: Passive summing mixer
- Passively sums 8 signals into 1.

KIT CONTENTS



Contents of the Mix Me 8 Kit:

- SMT Mix Me printed circuit board (7.09 x 25.50 x 1.60mm)
- 1x10 Right Angle Male Header
- Electrical Components

Electrical Components:

Reference	Quantity	Type	Value
R1 - R9	9	Resistor, 1/8W, 1%	10k ohm

Tools and material required for assembly (not included with the kit):

- Soldering iron
- Solder

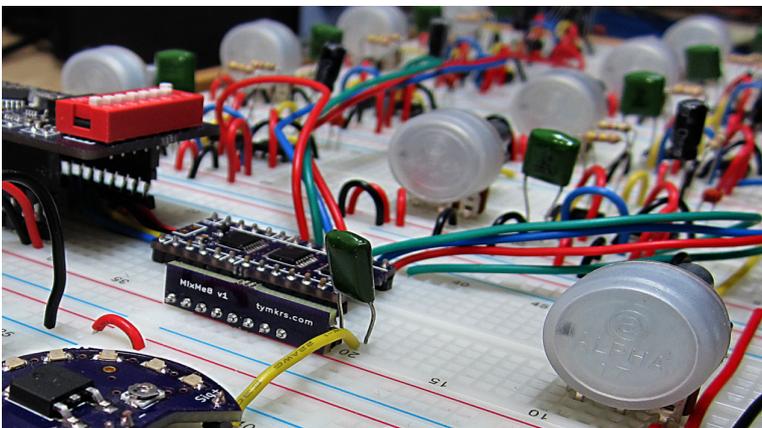
User provided items required for audio:

- 1 to 8 signals you would like mixed together!

Additional physical/electrical specifications:

- Printed Circuit Board size: 0.28 x 1.00 x 0.063" (7.09 x 25.50 x 1.60mm)
- PCB thickness: 0.063" (1.60mm), not including any components
- PCB thickness: 0.276" (7mm), max height with right angle header

Additional Picture:



Assembled PCB
in a circuit.

Assembly Instructions

- When soldering the right angle male header in, make sure to match the cut off pin with the portion of the PCB that does not have a header hole.
- The MixMe8 is meant to connect into the breadboard upright.

Use Instructions

- Audio signals can come from instrumental or line level sources (computers, synthesizers, etc).
- The 8 grouped pins are the inputs and the solitary pin is the output.