



## TINY VIOLIN

ASM4003

**Tiny Violin is a tiny open source noisemaker created for the enjoyment of attendees of the 2018 Open Hardware Summit, held at MIT in Boston, Massachusetts, USA. We're a huge believer in Open Source Hardware, and happy to support and attend this event for another year.**

Compose a tiny tune with the new Tiny Violin! Built around the **ATtiny841** microcontroller, this product features 9 capacitive touch sensors, 10 pre-loaded Nokia style ringtones, a loud magnetic buzzer, and simple coin cell power. Four of the capacitive touch sensors are strings on the violin, and four of the sensors are along the neck of the violin to change to the tone. At the bottom of the violin is a touch sensor to start playing one of 10 randomly selected ringtones!

## TECHNICAL DETAILS

### **ATtiny841**

- 8 KB Flash Memory
- 512 Bytes SRAM and EEPROM
- Voltage: 1.7V - 5.5V

### **Dimensions**

- 56mm x 19mm x 12mm (2.2 inches x .75 inches x 0.47 inches)
- Weight: 9.5 grams (.335 ounces)

## NOTES

- The Tiny Violin uses an ATtiny841 Microcontroller, but since it doesn't have USB support, it is not re-programmable without some serious hacking.
- The tunes programmed on each Tiny Violin are randomly selected during manufacturing from a set of 200 tunes. Most examples of Tiny Violin are unique!

