

WORKSHOP

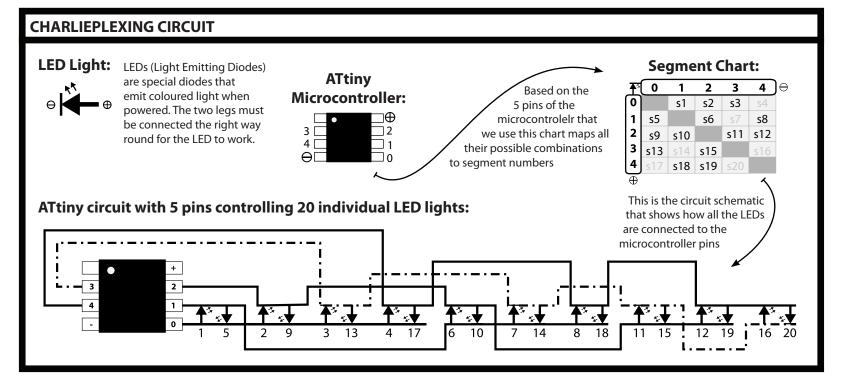
Saturday October 11th 2014, Wear It Festival in Berlin

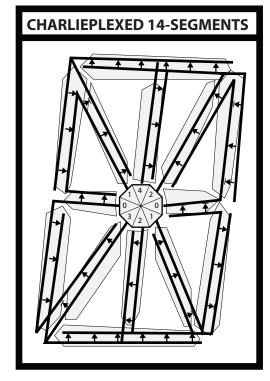
In this workshop we will build our own segment displays and attach them to our bodies, turning ourselves into platforms for personal signage. What text would you like to display on yourself?

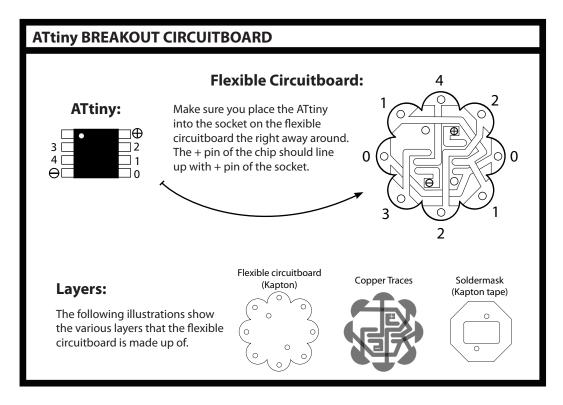
In order to build our own wearable segment displays we'll use an ATtiny microcontroller and the Charlieplexing (n*(n-1)) technique to control up to 20 individual LED lights from it's 5 i/o (in, out) pins. We will make a little breakout board for the ATtiny microcontroller so that we can sew the LED connections into fabric and then solder the surface mount (SMD) LEDs directly to the conductive thread.

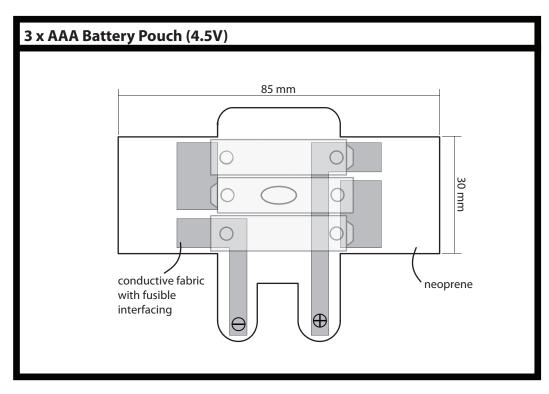
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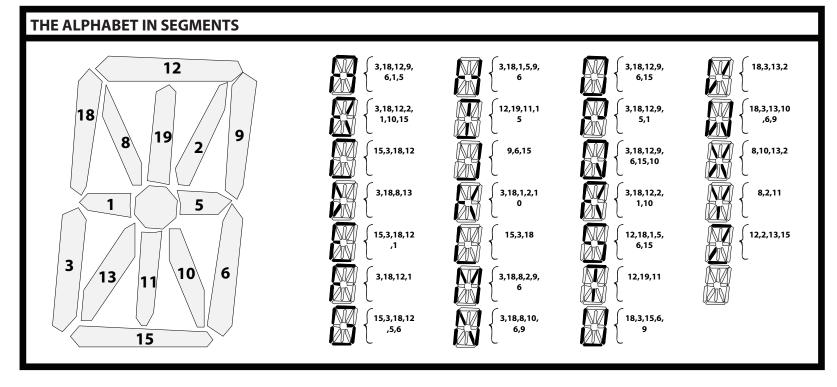
- ATtiny microcontroller
- 8-pin socket
- Red SMD LEDs
- Flexible breakout board
- Slide switch
- Red and black wire
- Neoprene
- Conductive fabric
- Fusible interfacing
- 3 x AAA batteries











CONTACT

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OPEN HARDWARE

"Open source hardware is hardware whose design is made publicly available so that anyone can study, modify, distribute, make, and sell the design or hardware based on that design."

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