

this telecaster-style guitar was built with over 5,000 can tabs and epoxy. [makeprojects.com/project/the-beercaster](https://makeprojects.com/project/the-beercaster)

### 3 TRAINTRACKR — LIVE NEW YORK CITY SUBWAY MAP

Richard Hawthorn @richardhawthorn

You won't ever have to wonder where the F train is again. Through 599 color LEDs, you can track New York subway trains as they arrive and depart from the stations thanks to the Traintrackr custom PCB board. It is built using a HT16K33 LED driver chip and an ESP8266 Wi-Fi microcontroller to update the location data every 10 seconds. Boston and London available too. [makeprojects.com/project/traintrackr--live-new-york-city-subway-map](https://makeprojects.com/project/traintrackr--live-new-york-city-subway-map)

### 4 CAT WHISKER SENSORY EXTENSION WEARABLE

Chris Hill @Christian

Built by a Ph.D. student as an extension of a colleague's work, these whiskers translate input from flexible sensors connected to an Arduino Uno to four vibration motors that surround the user's head. It creates a purr-fectly unique experience whenever you wear them. [makeprojects.com/project/cat-whisker-sensory-extension-wearable](https://makeprojects.com/project/cat-whisker-sensory-extension-wearable)

### 5 CASSETTE CYCLE: THE ART OF RECYCLING CASSETTE TAPES & FORGOTTEN TECH

Nicole Majewski @theerrantstitch

Still have some of your treasured mixtapes on cassette or movies on VHS? Save them to build furniture to display your projects, create purses, or to pop into a retrofitted boombox stereo shoulder bag. And don't worry about rewinding before starting your own builds. [makeprojects.com/project/cassette-cycle-the-art-of-recycling-cassette-tapes-forgotten-tech](https://makeprojects.com/project/cassette-cycle-the-art-of-recycling-cassette-tapes-forgotten-tech)

