

RGB LED

Build your own disco ball.



BUZZER

Compose your own song - or a siren!



A

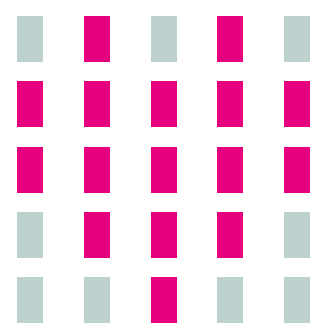
Press button A and show me a smile...

B

...press B and ask a question!

RESET

Reboot your program.



LED MATRIX

Express it with pictures or let the letters dance!



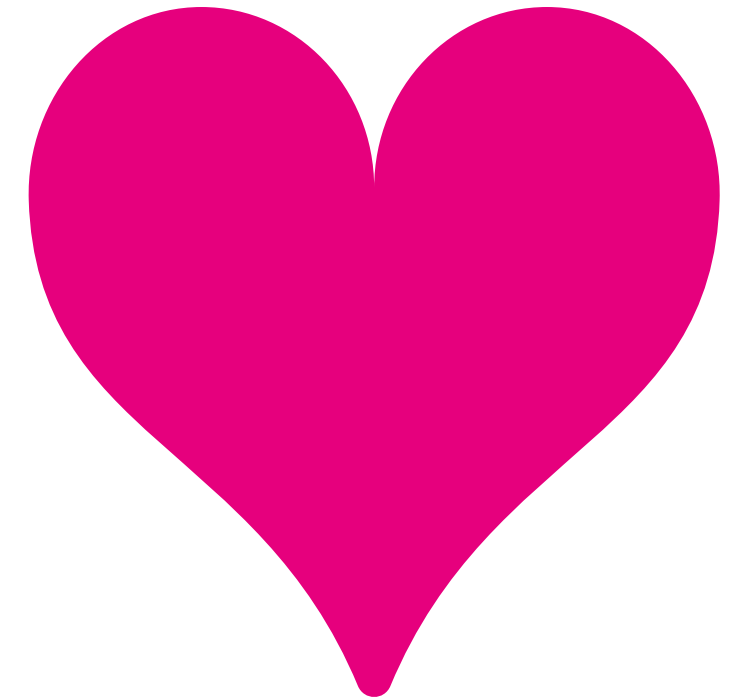
RADIO

Send secret messages with friends and build your own portable transceiver.



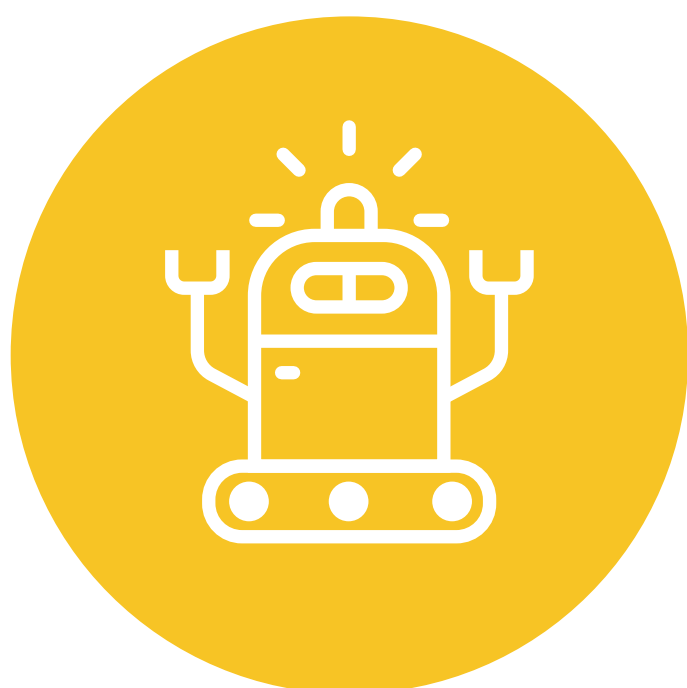
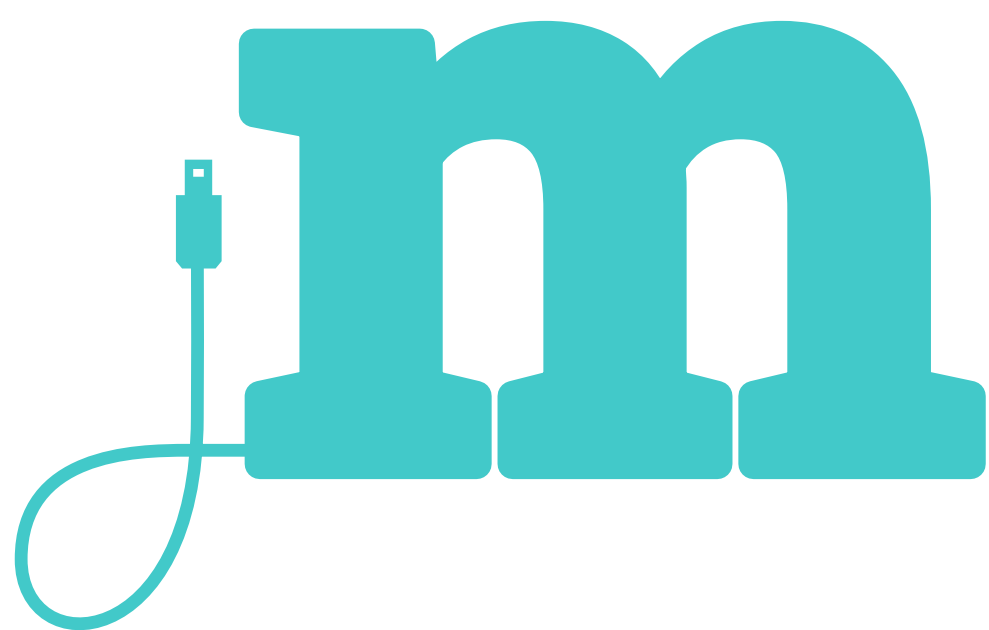
A+B

Reveal the correct answer!



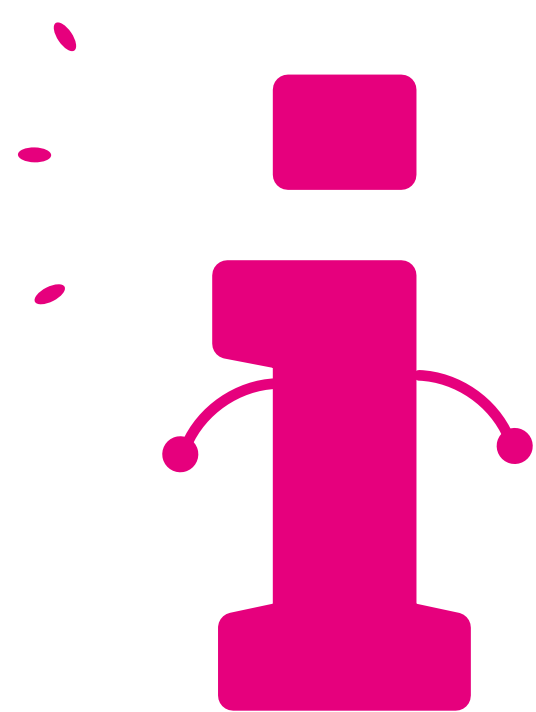
MICROPHONE

Find out how quiet or loud you are!



DC-MOTORS

Invent new machines and program your car or your own robot...



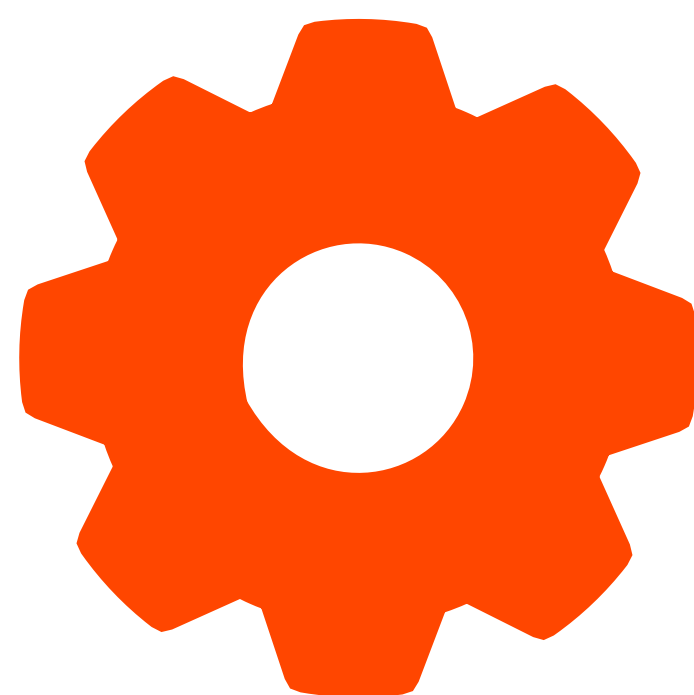
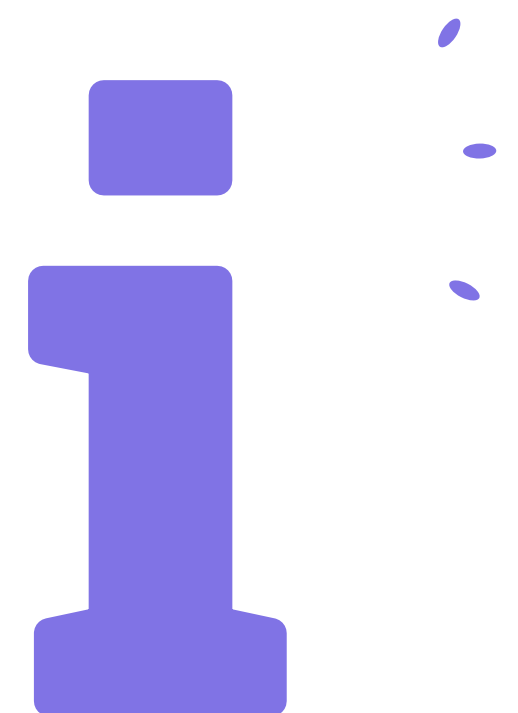
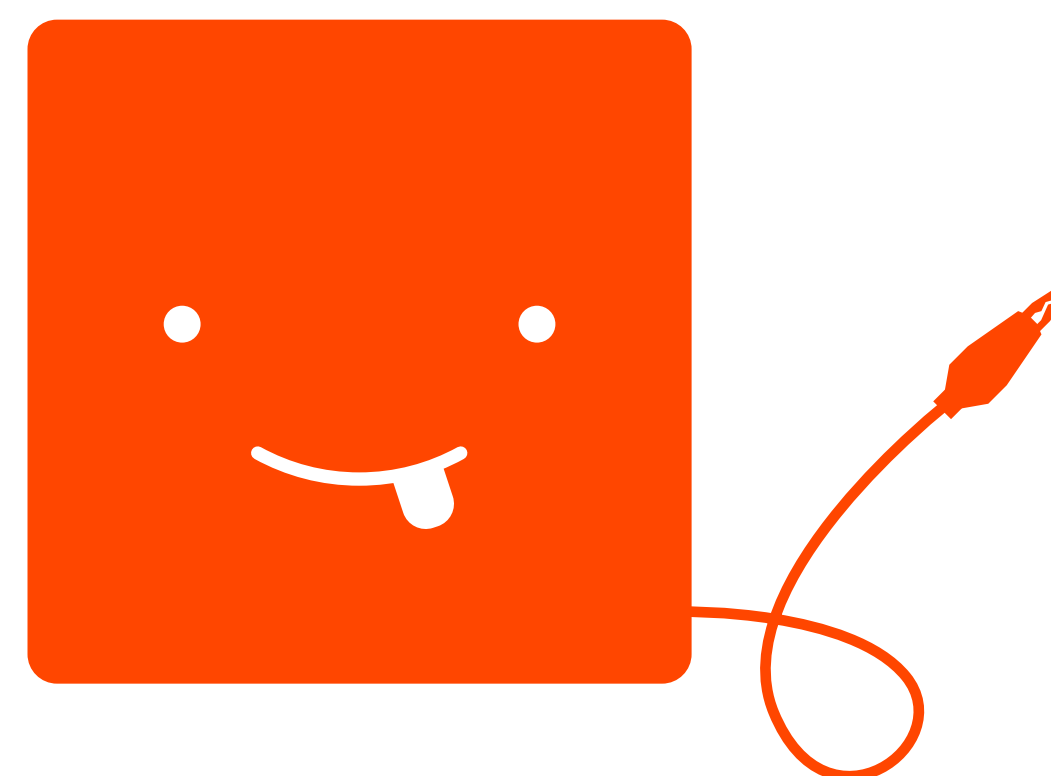
SERVOS

...and let him wave.



PINS 0-3

They respond to touch!



SENSORS ON THE MINI

Use movement, temperature and light and get creative!



EXTENSIONS

Build your invention: Color, humidity sensors and much more. Plug it in and get started!



LED MATRIX 5x5 red LEDs that can transmit and measure light.

RGB LED shines in many colors mixed from red, green and blue.

PINS/TOUCH PINS P0-P3 react to touch and can be connected to anything that conducts current.

BUTTON A, B: Pressed or not pressed can be prompted.

PIN +/- Batteries can be connected.

STATUS LED Lights up when current is flowing. Flashes during code transfer.

BUZZER/MICROPHONE Plays programmed tones and can measure volume.

PROCESSOR Processes commands and controls everything on the mini.

SENSORS Characteristics of the environment, such as temperature, light and position, can be determined.

MOTOR PINS Connection of motors.

EXTENTIONS Grove connector for sensors.

USB Connection of mini and computer.

BATTERIES Power source to go. Your mini becomes mobile.

