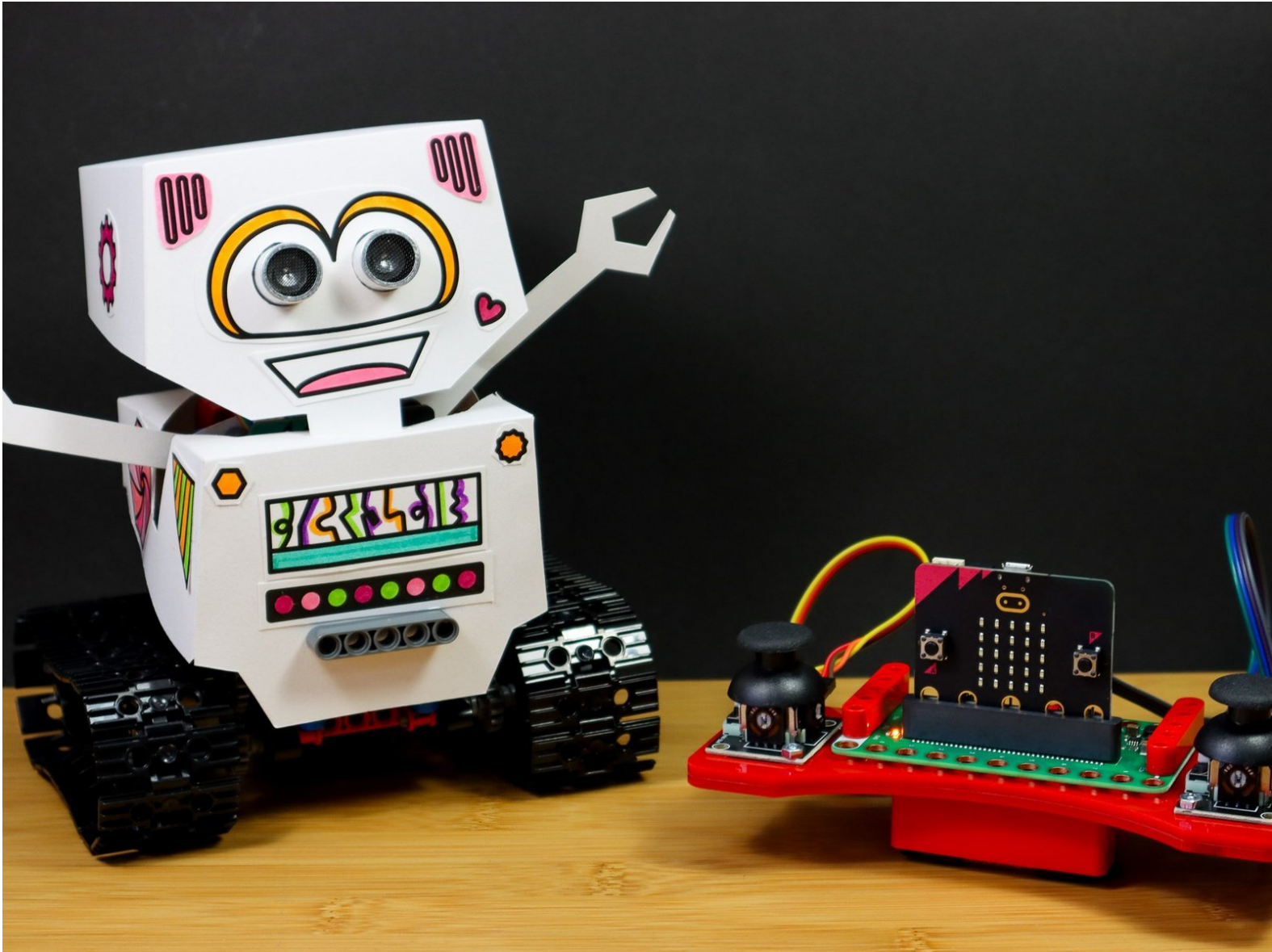


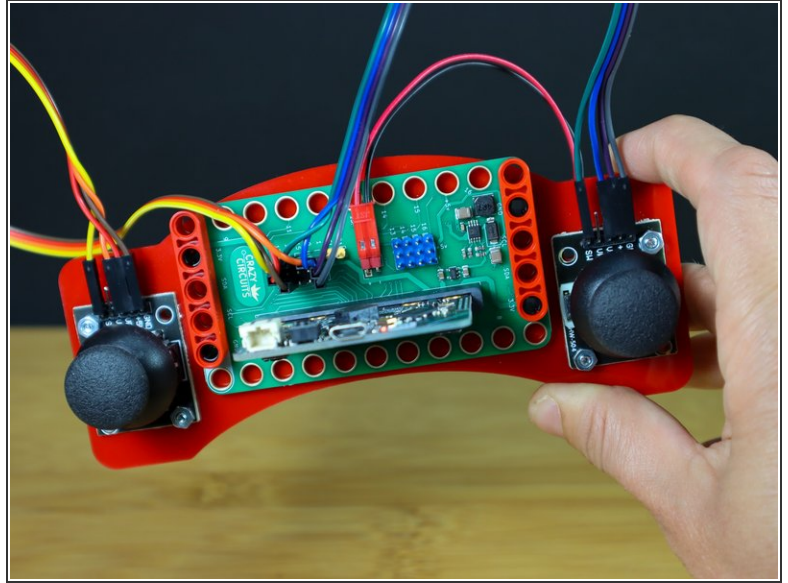
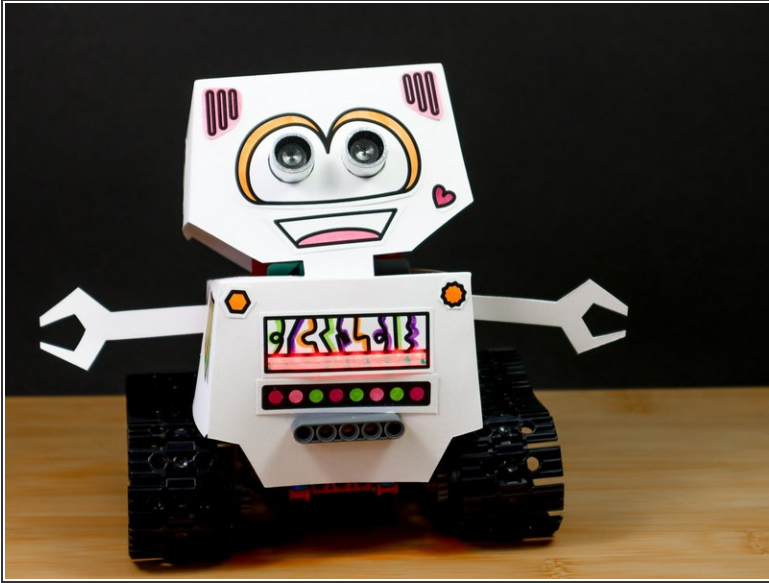


Robot - Remote Control - Tank Body

Written By: Natasha Dzurny

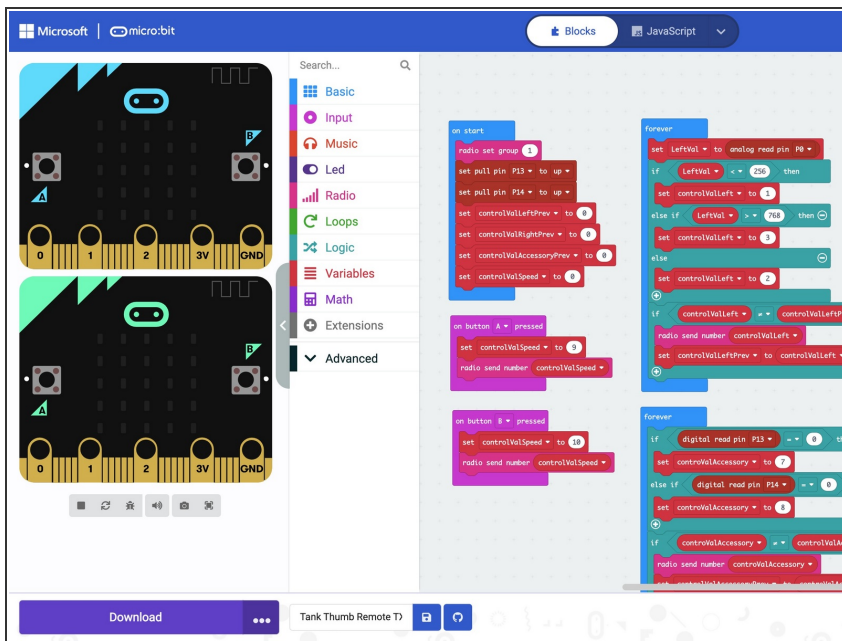


Step 1 — Build the Prerequisite Guides



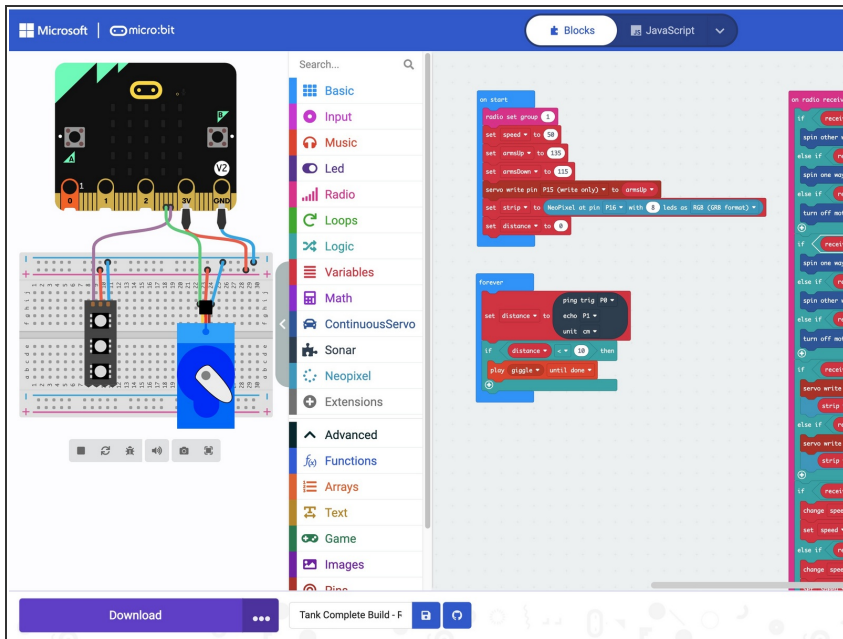
- If you haven't already, build the Complete Robot Tank Build by [following this guide](#).
- And build the Thumbstick Remote by [following this guide](#).

Step 2 — Remote Control - TX



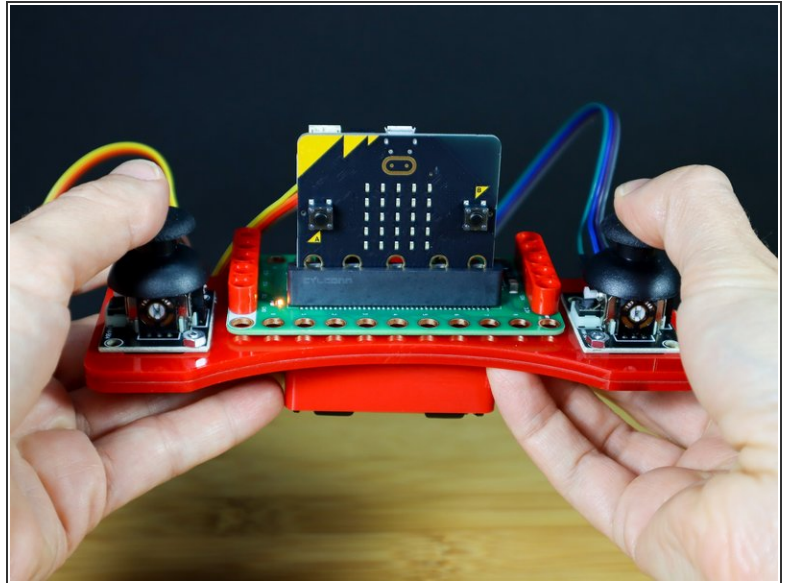
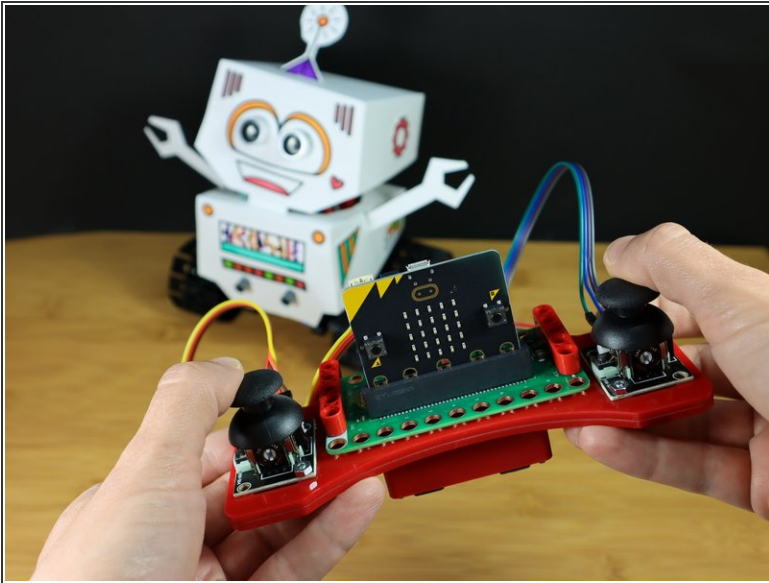
- The code below is based on the [Tank Thumb Stick Remote](#) guide. To learn more about how this code works, check out that guide.
- To control your robot, add [this code](#) to the micro:bit in your remote.

Step 3 — Remote Control - RX



- To let your Robot be controlled, download [this code](#) to the micro:bit inside your 'bot.

Step 4 — Control your Bot!



- Use the joysticks to control each wheel forward and backward.
- If you built the "Complete Build" with the ping sensor, LEDs, and movable arms, you can also control them like this:
 - Pressing the left Joystick button down will put the arms up and make the LEDs green!
 - Pressing the right joystick button will put the arms down and make the LEDs red.
 - Waving your hand in front of the Bot's eyes (Ping sensor) will make it giggle!
- *Challenge: Experiment with changing the code to make the Bot behave in a different way using the remote!*