

TORUN DiGi Gate V2 Hardware Setup Guide

Overview

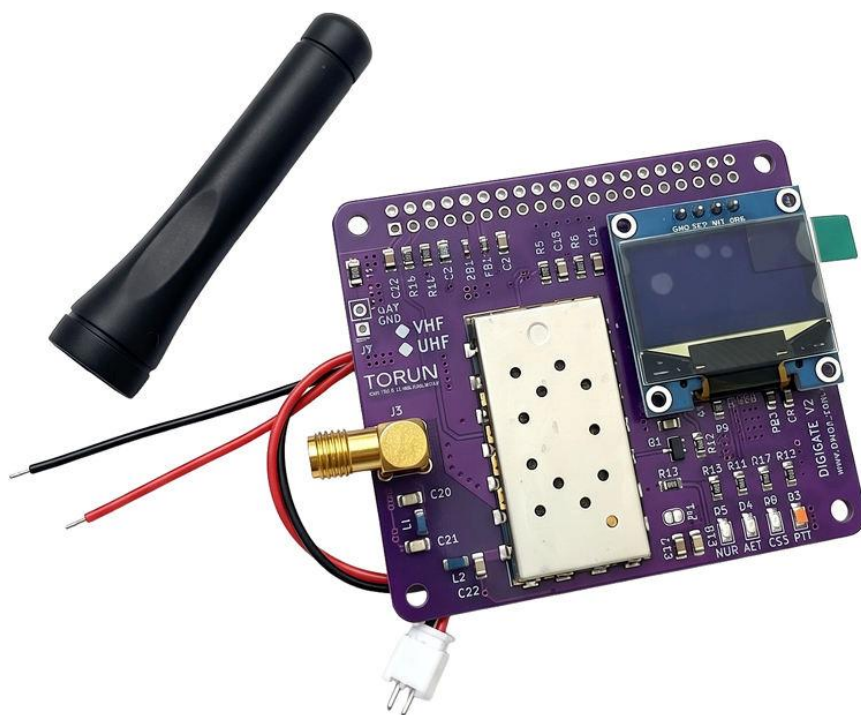
This guide explains how to connect the supplied USB data cable between your Raspberry Pi and the TORUN DiGi Gate V2.

Cable Identification

- **Red wire** → DP (USB D+)
- **Black wire** → DM (USB D-)

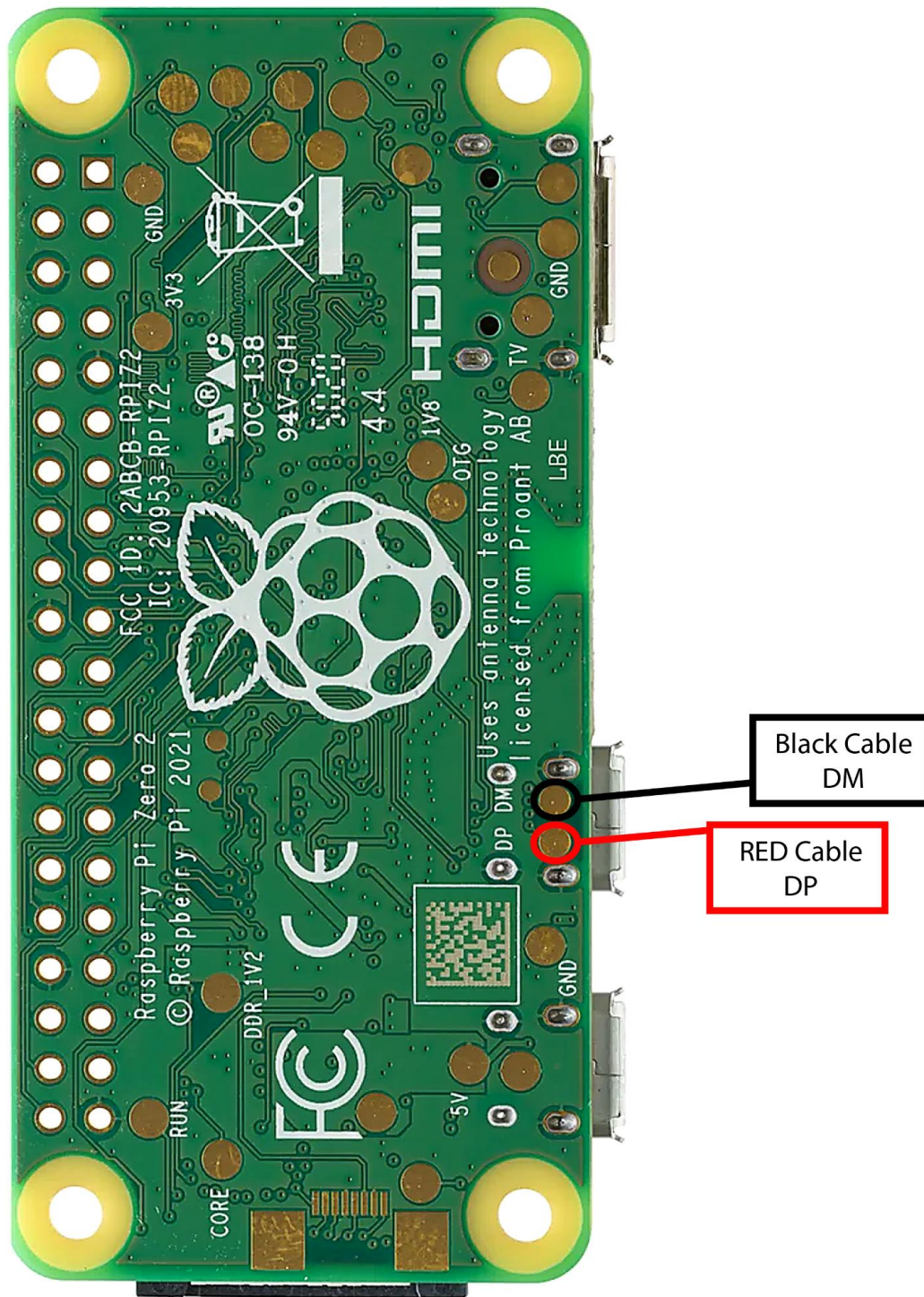
Instructions

- Solder the Red wire to the DP pad and the Black wire to the DM pad shown for your Raspberry Pi model.
- Different Raspberry Pi versions have different solder locations. Use the correct diagram.
- Solder carefully and avoid solder bridges or short circuits.
- Keep the cable as short as possible for reliable USB performance.
- Connect the other end of the cable to the JST connector located on the bottom side of the TORUN DiGi Gate V2.



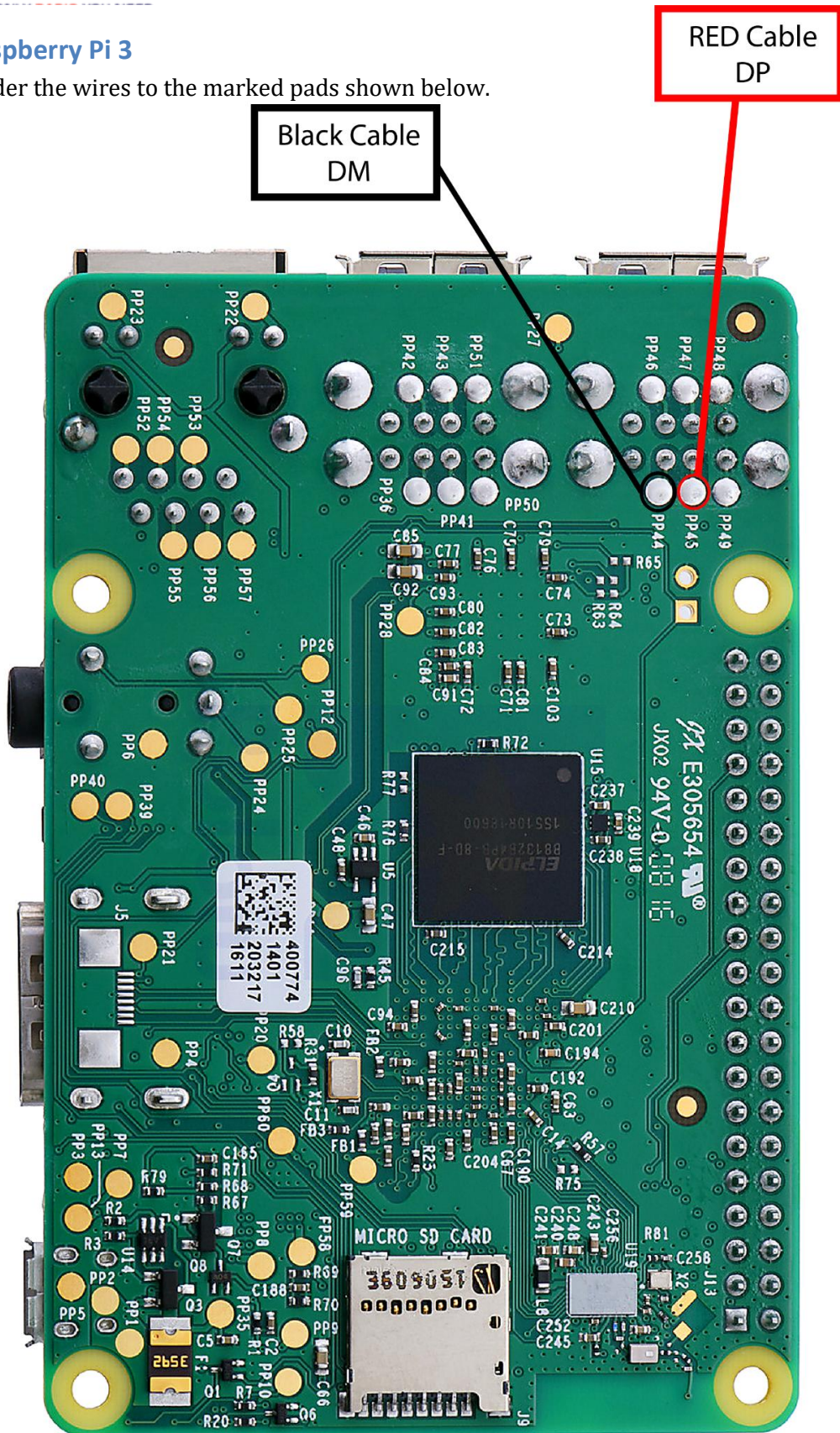
Raspberry Pi Zero 2 W

Solder the wires to the marked pads shown below.



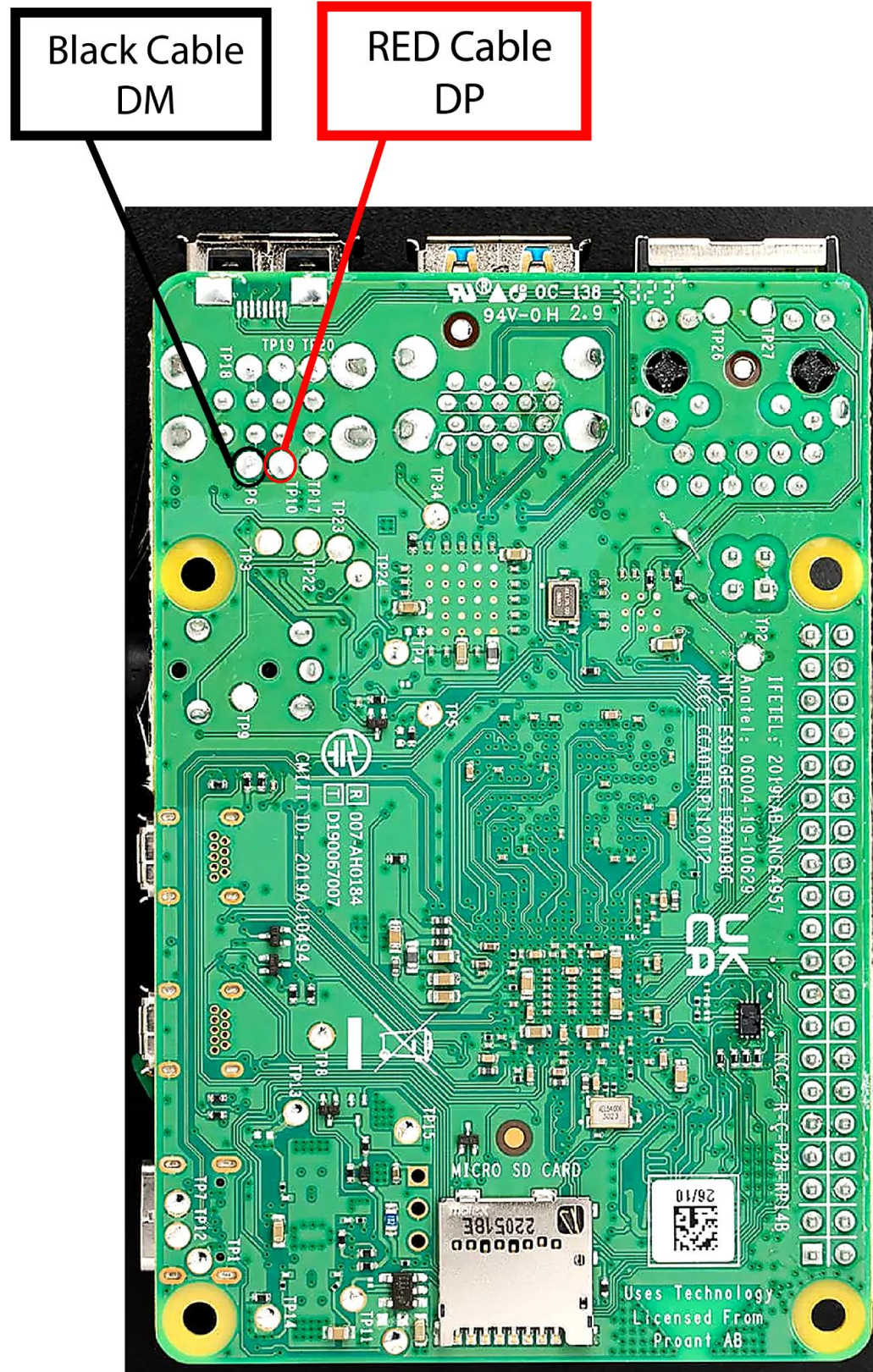
Raspberry Pi 3

Solder the wires to the marked pads shown below.



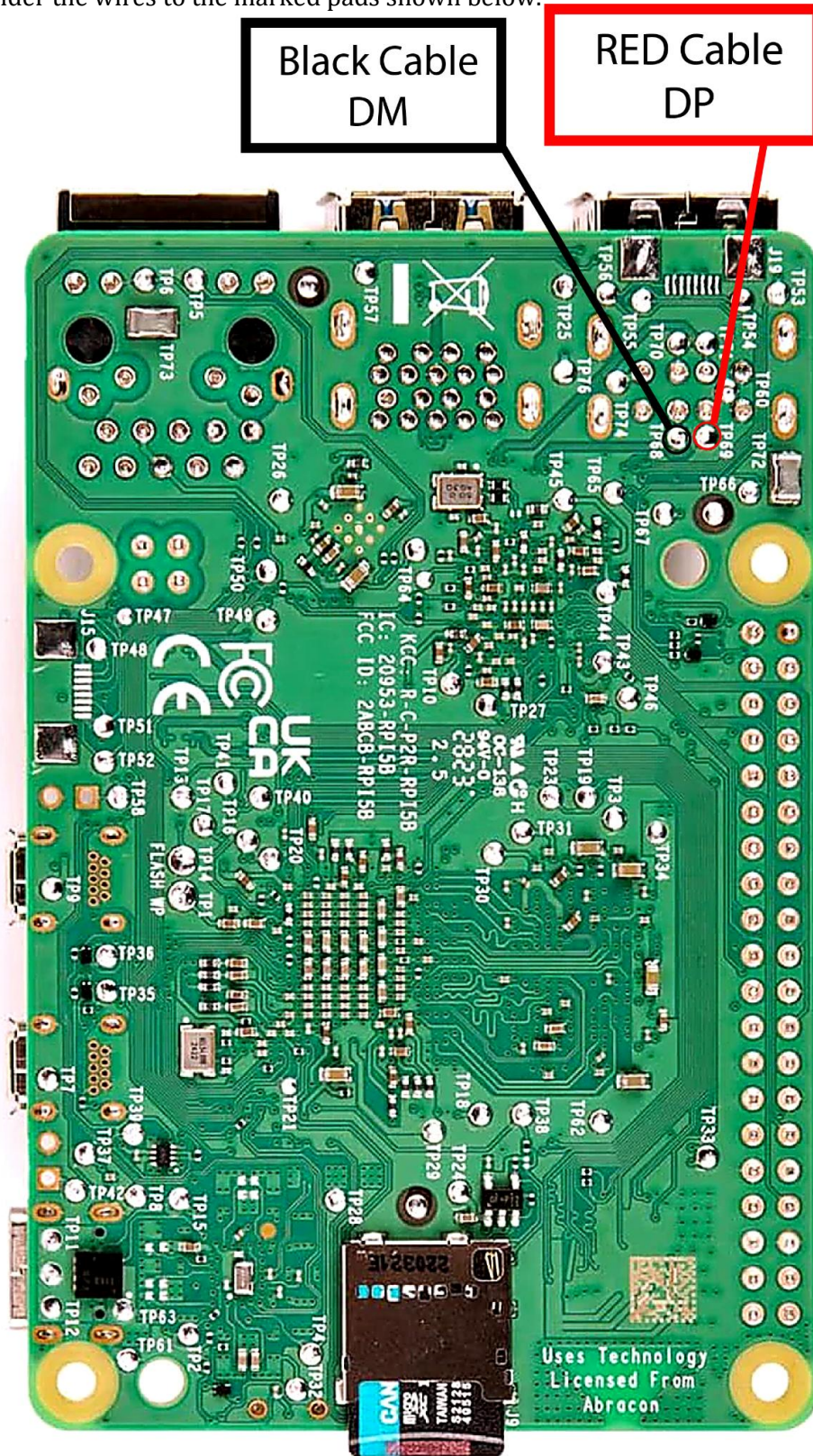
Raspberry Pi 4

Solder the wires to the marked pads shown below.



Raspberry Pi 5

Solder the wires to the marked pads shown below.



Final Checklist

- Red wire is connected to DP.
- Black wire is connected to DM.
- No solder bridges or shorts.
- Cable is kept as short as possible.
- JST connector is securely connected to the DiGi Gate V2.