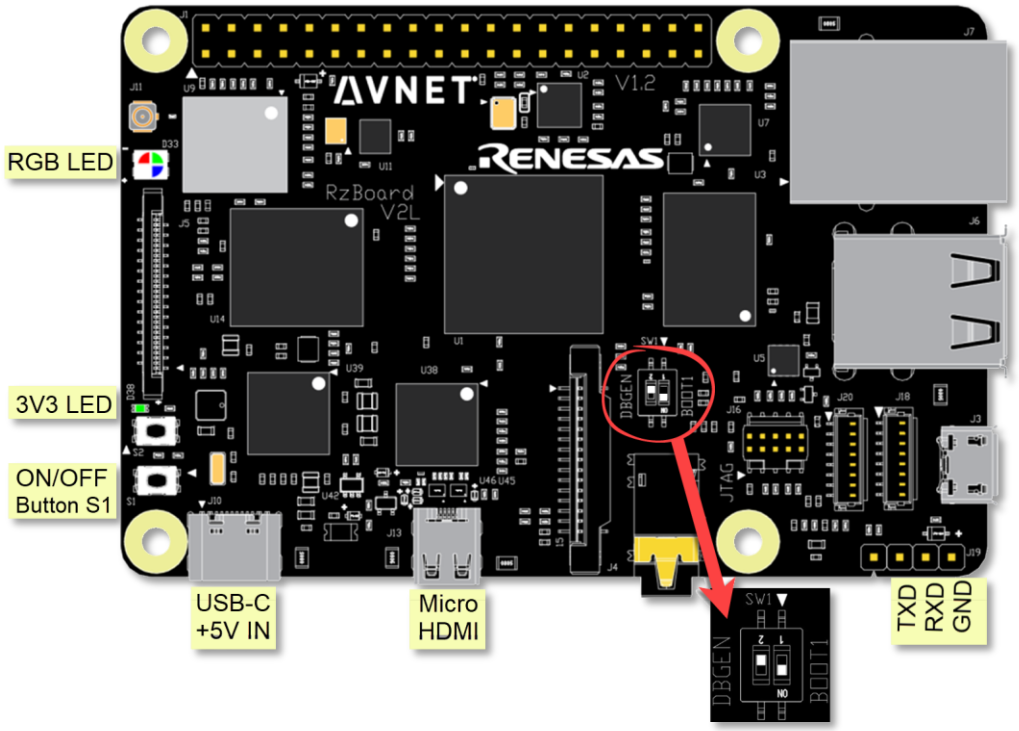
RZBoard V2L Quick-Start Guide



1. Make sure the **boot-mode DIP switch** is set to eMMC (**SW1.2**=OFF, **SW1.1**=ON as shown above) and that **no** SD card is inserted in the SD card-cage (located on underside of PCB)
2. Connect a **USB-to-serial cable** from debug header **J19** to a USB port on the development computer.
3. Open a **serial console** (eg. Tera Term), select the COM port# for this cable and apply these settings:
   - Baud rate: 115200
   - Data bits: 8
   - Parity: None
   - Stop bits: 1
4. Connect a **micro-HDMI cable** from RZBoard to an HDMI display panel.
5. Attach a **5V 2A DC power** source to RZBoard's USB Type-C power connecter.
6. Press and hold the **ON/OFF** button **S1** for 2 seconds to power-on RZBoard.
7. The 3V3 LED and RGB LED will both illuminate green, after a few seconds the RGB LED flashes blue.
8. As the board boots-up, the Linux penguins will appear at top of HDMI display, followed by scrolled boot messages on serial console and HDMI screen, then the Wayland desktop on the HDMI screen.
9. At the prompt on the console screen, enter **root** followed by **avnet** to login
10. At the prompt enter **uname -a** to check Linux OS version (See the H/W User Guide for OS upgrade instructions)
11. Make sure to regularly visit http://avnet.me/RZBoard for latest technical documents, reference designs, FAQs plus links to blogs and training material…