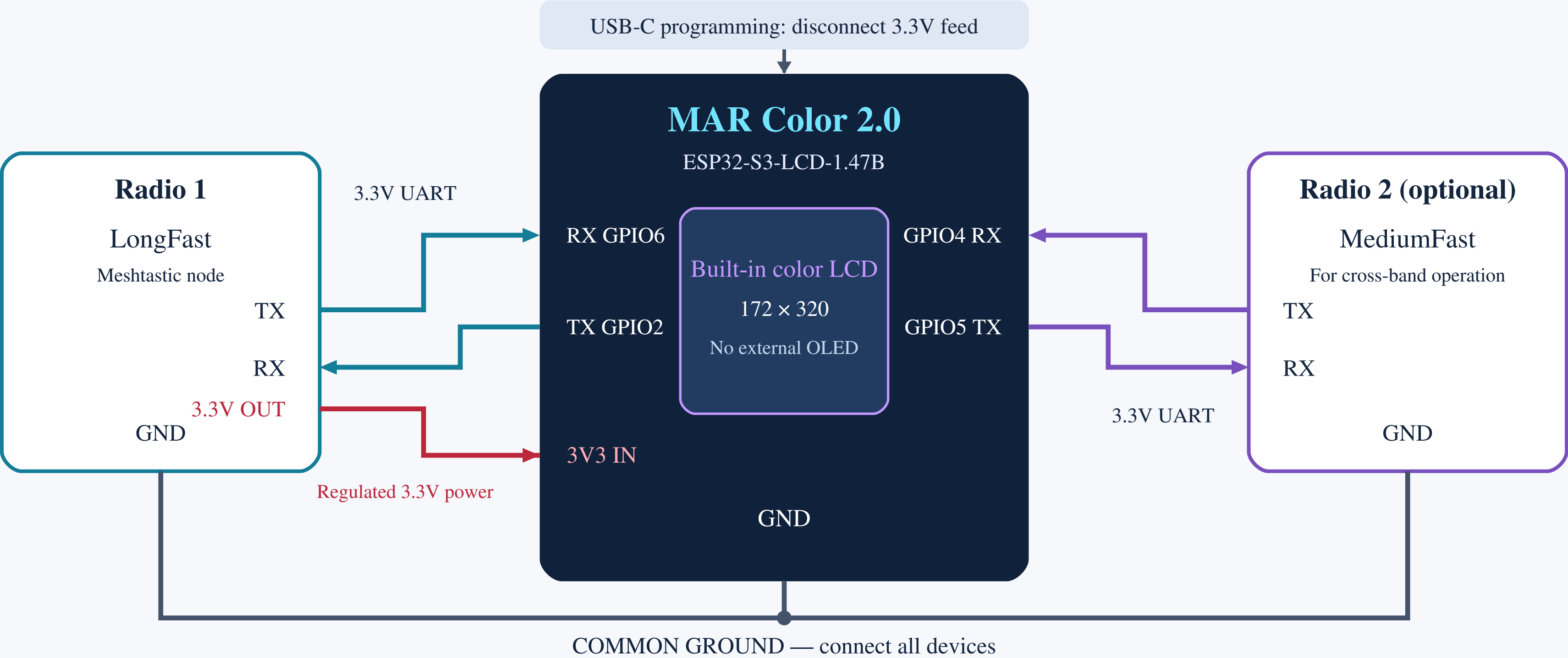


MAR Color 2.0 — wiring block diagram

Waveshare ESP32-S3-LCD-1.47B • Powered by Node 1 • Logical connections, not physical header positions



Radio configuration and power

Both radios: Serial module enabled • PROTO • 38400 baud • Echo OFF • Override Console OFF

Node 1 must provide regulated 3.3V with sufficient spare peak current for MAR + LCD + Wi-Fi; verify its regulator rating.

Disconnect Node 1's 3.3V feed before using MAR USB. Never feed 5V into 3V3. Node 2 uses its own power supply.