NOTES & ERRATA FOR PROJECTS PUBLISHED IN SILICON CHIP (2026)

Please note: errata apply primarily to the print edition of SILICON CHIP as online issues are normally changed when an error is identified. However some errata may still apply to the online edition; check carefully before making any changes to a project.

Scale Speed Checker for model railway, January 2026: the 120Ω resistors should be in series with pin 2 of the connectors for the IR sensors (and the photodiodes), not pin 1 (the collectors). Also, the IR LED anodes and cathodes should be swapped. (03/26)

Digital Vehicle Compass, Circuit Notebook, April 2026: on p17, the SDA and SCL connections going down vertically from the Arduino's SDA and SCL pins are swapped. All the SDA pins should be joined together, and similar for the SCL pins. (06/26)

PicoSDR, April 2026: in Fig.3 on p39, pin 39 of the Pico (VSYS) should be connected to +5V. (06/26)

Simple LC Meter, May 2026:

(i) the initial batch of PCBs sold, including in kits, were inadvertently based on an old version of the board that had the USB power input pins shorted on the bottom ground layer. All PCBs we supply have now been replaced with the correct boards without the short circuit. Also, the parts list called for M2 × 5mm machine screws, but that is too short. The correct screw length is 10mm. Our kits now include the longer screws. (07/26)

(ii) the original firmware had a bug that caused it to assume the onboard inductor L1 had a value of exactly 100µH. That could result in inaccuracy if the inductor's actual value differs significantly from nominal. Updated firmware is now available for download that fixes this error, and all kits and pre-programmed chips we sell have been updated as of 10/08/2026. (11/26)

Airzone 6552A, Vintage Radio, May 2026: in the circuit diagram, C4 is pointed to the wrong capacitor, it should point to the capacitor directly below C3. These components have incorrect values, the correct values are – R10 is 250kΩ; R12 is 500kΩ; R14 is 250kΩ; and capacitor C1 is 250nF. (06/26)

iClap intelligent multi-clap switch, Circuit Notebook, June 2020: it's better to connect the relay contacts between the mains outlet's Active terminal and the lamp, in series with S1. Regardless, S1 must always be switched off (and ideally the circuit breaker too) before changing the lamp because RLY1 could be energised at any time. You can't rely on RLY1 to disconnect Active from the lamp socket for safety even if RLY1 placed in the Active circuit. (11/26)

Simple USB Power Monitor, June 2026:

(i) the alternative regulator was specified as the MIC1973-330OT but it should have been MCP1793T-3302H/OT. Many of the MIC1973-330OT regulators available from both DigiKey and Mouser around the time of publication appear to be faulty, producing no output. If the regulator in your kit doesn't work, contact us and we'll send you a replacement MCP1793T-3302H/OT regulator (no such problems have been reported with those). (09/26)

(ii) the original firmware had a bug that caused it to incorrectly display values with a zero to the left of the decimal point. Updated firmware is now available for download that fixes this error, and all kits and pre-programmed chips we sell have been updated as of 12/08/2026. (11/26)