

K42 Kit Errata

General Notes:

Be sure to read the assembly instructions before starting kit assembly. Also, do not skip the parts inventory, this step will help you become familiar with the different parts in the kit, plus it's best to report part shortages ASAP. Try to view the assembly instructions on a PC in order to see the pictures in color, this will help parts identification greatly.

8/6/2009

Issue: Some kits will not pass keyer tests in step 2 even with U5 installed.

Resolution: Go ahead to complete Step 6 then return to run Step 5 keyer test.

8/5/2009

Issue: Display is difficult to read.

Resolution: The K42 LCD display does not have an integral backlight. The contrast adjustment is critical for best performance. Adjust the contrast to the point where the background rectangle behind each letter just fades out.

7/31/2009

Issue: Unable to see any output from PSoC in Step 12 (CWR filter test)

Resolution: The K42 must be in CWR mode to enable the PSoC controller. The following text was added to Step 12:

You will need to attach your keyboard. Power up the K42 and enter ALT-F1 to enable CWR mode.

7/31/2009

Issue: In step 9 a single LED remains on after LED test completes

Resolution: This is normal operation, all LEDs will go out after PSoC U3 is installed. Manual updated to reflect this.

7/30/2009

Issue: C10 and C11 are reversed in Step 2

Resolution: These parts are correctly called out in the schematics and parts list, Step 2 changed to read:

___ C11 (.01uF) 103 Disc
___ C10 (.1uF) 104 Orange

Issue: Color code for 470 ohm resistor in parts list is incorrect

Resolution: Manual updated to read:

R10,R11,R23,R24,R25 470 Ohm Resistor 1/8 Watt Yel Violet Brn_____

7/29/2009

Issue: Confusion about the two .1uF capacitors.

Resolution: There are two types of .1uF caps in the kit, eight orange dipped ceramics and one brown dipped mylar. The mylar cap C6 is installed in Step 10. Both cap types are marked 104.

7/27/2009

Issue: R16, a 68 ohm 1/4W resistor, is missing.

Resolution: We shipped about 16 kits with a 680 ohm resistor instead of 68 ohm. We mailed an envelope with the 68 ohm resistor and two 1/8" phone plugs to all of those kit owners. In some kits the 68 ohm resistor is packet with the rotary encoder, in those cases we left the 680 ohm resistor in the kit, it is spare, not used.