



The Christmas tree soldering kit uses real flickering LEDs. These flickering orange LEDs simulating candlelight add a great touch to this kit and add a Christmas ambiance. The lights can be set to steady or blinking. A great electronics building kit to use for decoration or anybody wishing to learn how to solder. The included plywood front panel can be decorated for Christmas before attaching it.

The 'Christmas Tree' electronics building kit is powered via power bank or via USB port. This eliminates costly batteries. The kit with over 25 parts is an excellent introduction to soldering.

Dimensions: 100 x 70 mm, **Age recommendation:** From 10 years on, **Number of components:** 25 pieces, **Assembly time:** 40 min. **You will also need:** Soldering iron, solder, side cutter, tweezers, power bank or USB output

Safety notes:

- **ATTENTION! Not suitable for children under 3 years, risk of choking on small parts.**
- **We recommend:** Supervision of the construction and the soldering process by an adult person!
- Keep this manual for future reference! It contains important information.
- The soldering iron, solder and the parts being soldered become very hot. Be very careful!
- Always use a mat when soldering! This prevents parts and the circuit board from slipping.
- We recommend using a soldering iron holder to set the soldering iron down safely during use.
- This kit is intended for USB power only. **Never connect the kit to 230 V mains voltage! Acute danger to life!**

For instructions, please click here:

Remerschicht achtbar! - Not suitable for children under 3 years - Verschuttbare Oberflache. Keep the acid side of the company - Not suitable for children under 3 years - Contains small parts. Veuillez conserver l'adresse - Ne convient pas pour les enfants de moins de 3 ans - Contiene de pequenas piezas para nios. Achten bei der Montage auf die Klebeflache. Not suitable for children under 3 years - Obene uen de kinderen worden ingesloten.

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No. 76335

QR Codes

Hier geht es zur Anleitung:

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ASSEMBLY INSTRUCTIONS

A Circuit board direction for soldering: 'RoHS' must be visible, then the board is on the correct side.

Solder 5 resistors into place, paying attention to the resistances.

The resistor polarity is not important! Trim excess wires.

B Trim excess wires.

C Solder switch into place. Trim excess wires.

Parts needed

- 2 x 47 Ohm
- 2 x 56K Ohm
- 1 x 680 Ohm

Bend the resistor wires so they slide easily between the lands

Parts list Check and sort out parts

Qty.	Part	Value/Description
1	Circuit board	96610
12	LED 5 mm (LED1 - LED12)	Orange colour, flickering
2	Resistor (R1/R2)	47 Ohm
2	Resistor (R8/R9)	56K Ohm
1	Resistor (R10)	620 Ohm
2	Capacitor (C3/C4)	47 uF/10V

Christmas tree with candle LEDs
Soldering kit, powered via power bank or USB port