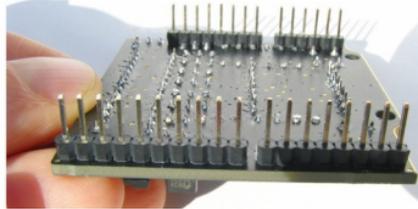


The headers must be separated before soldering:

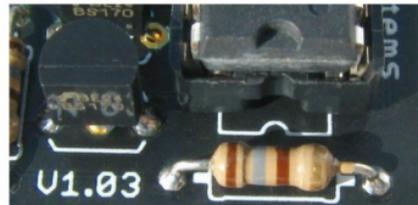


The following headers must be soldered onto the bottom side of the board:

- 1 × 6-pin header
- 2 × 8-pin header
- 1 × 10-pin header



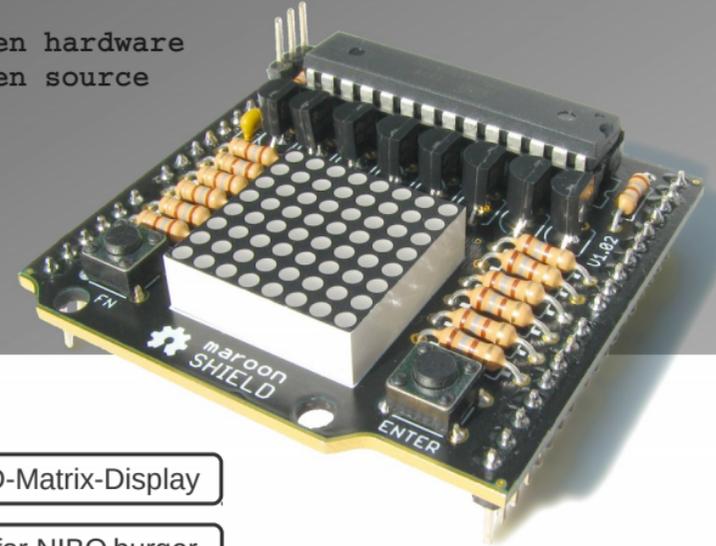
The notch on the IC has to point in the same direction as the mark on the board:



maroon SHIELD



open hardware
open source



8 × 8 LED-Matrix-Display

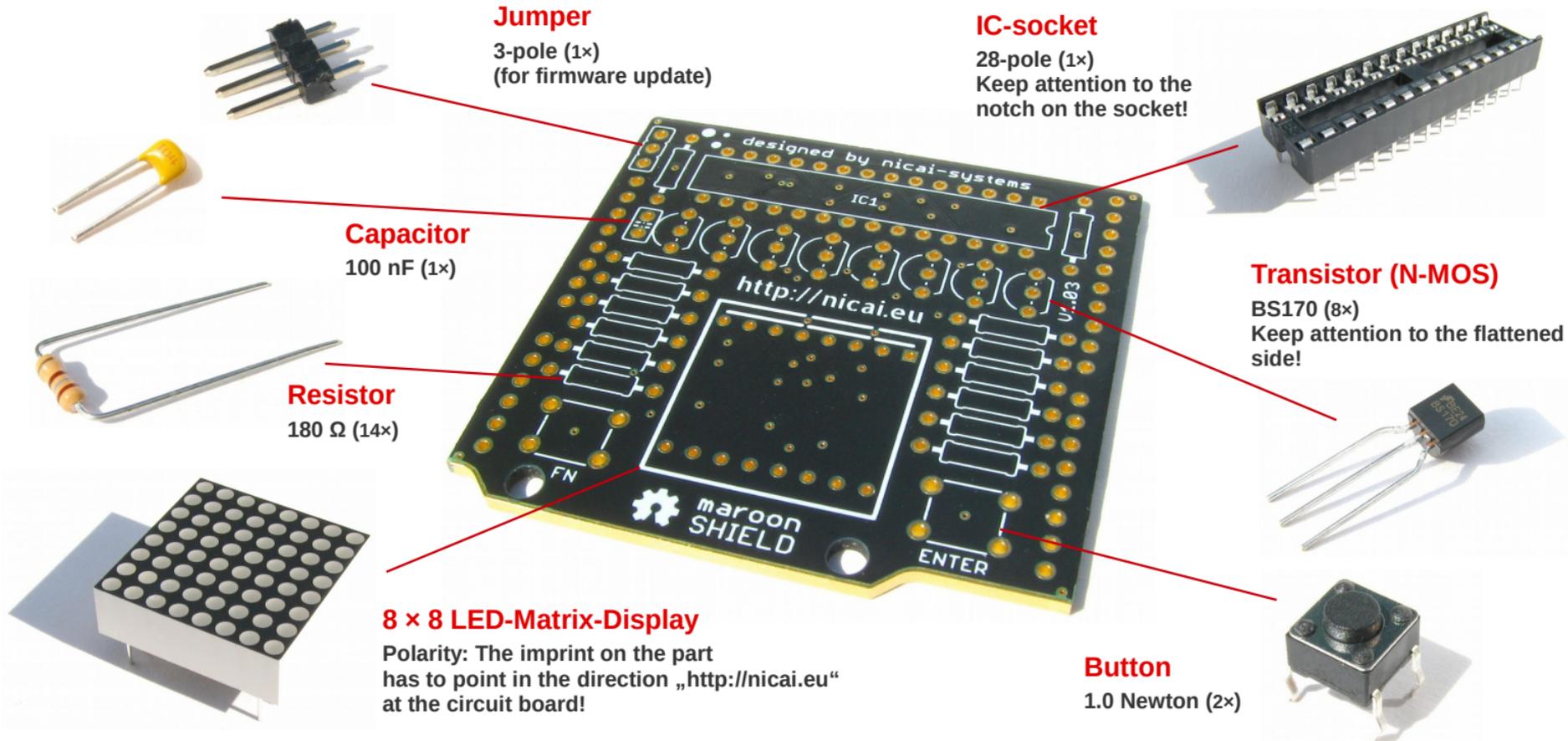
Suitable for NIBO burger

Arduino compatible

DESIGNED BY NICAİ-SYSTEMS
AM DENKMAL 8, 52223 STOLBERG, GERMANY

DESIGN BY





Jumper
3-pole (1x)
(for firmware update)

IC-socket
28-pole (1x)
Keep attention to the notch on the socket!

Capacitor
100 nF (1x)

Transistor (N-MOS)
BS170 (8x)
Keep attention to the flattened side!

Resistor
180 Ω (14x)

8 x 8 LED-Matrix-Display
Polarity: The imprint on the part has to point in the direction „http://nicai.eu“ at the circuit board!

Button
1.0 Newton (2x)