# Würfel-Shield

## Bestückungsliste

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| --- | --- | --- | --- | --- |
| **Nr.** | **Bezeichnung** | **Bauteil** | **Typ** | **Anzahl** |
| **1** | R1…R7 | Widerstand 200Ω | Metallschichtwiderstand | 7 |
| **2** | R8 | Widerstand 10kΩ | Metallschichtwiderstand | 1 |
| **3** | R9…R15 | Widerstand 150Ω | Metallschichtwiderstand | 7 |
| **4** | D1…D7 | LED blau | 3mm | 7 |
| **5** | S1 | Taster | - | 1 |
| **6** | X3 | 7 Segment-Anzeige | HDSP-7503 | 1 |
| **7** | IC1 | BCD 7 Segment Decoder | 74HC4511N | 1 |
| **8** | K1, K3 | Stiftleiste 1-Reihig, 8 Pins | - | 2 |
| **9** | K2 | Stiftleiste 1-Reihig, 10 Pins | - | 1 |
| **10** | K4 | Stiftleiste 1-Reihig, 6 Pins | - | 1 |

## Datenblätter

7 Segment-Anzeige:

<https://www.broadcom.com/products/leds-and-displays/7-segment/through-hole/hdsp-7503>,

BCD 7 Segment Decoder:

<http://www.mouser.com/ds/2/302/74HC_HCT4511-1111288.pdf>