

PIKO/SCHICHT-Rekowagen LED-Lichtleiste mit Dekoder

| Ref Name | Qty | Component | Value | Package | Andere Reichelt | Description |
|--------------------|-----|--------------------|---|-------------|-----------------------------|-----------------------------------|
| PL1, PL2 | 2 | 1x Lötpad | | 5x8 | | Soldering Area for leaf springs |
| MECH1, MECH2 | 2 | 1x Lötpad | | 5x5 | | Soldering Area for mounting plate |
| TP1 ... TP7 | 7 | Testpoint | | 1.27mm-Pad | | Soldering Pad |
| ISP | 1 | 2x3WP | | | | 2x3 way Pin Header, ISP-Connector |
| T1 ... T4 | 4 | NPN-Transistor | 2N2222 BC847 | SOT23-3 | 2N 2222A SMD BC 847C SMD | NPN-Transistor |
| BR1 | 1 | Bridge Rectifier | | MYS40 | MYS 40 DIO | Bridge Rectifier |
| C1 | 1 | Capacitor | 10µ/25V | 1206 | GRM31CD71H106K | Capacitor |
| C2, C3, C6 | 3 | Capacitor | 100n | 0603 | KEM 0603 100N-2 | Capacitor |
| C4, C5, C7, C8 | 4 | CPOL-EUC | 22µ | PANASONIC_C | ECC ZA350220ME6 | POLARIZED CAPACITOR |
| D1 | 1 | DIODE_SMD | | SOD123 | MBR0530T1G ONS | Schottky diode |
| F1 | 1 | FUSE PTC SMD | | 1210 | LITT MICROSMO10 | Fuse |
| LED1 ... LED9 | 9 | LED | | 0603 | LED LL 0603 WW | Light Em Di |
| R1 ... R9 | 9 | Resistor SMD small | depending on the brightness of LED1 ... 9 | 0603 | SMD-0603 10K | RESISTOR |
| R17, R18 | 2 | Resistor SMD small | depending on the brightness of red LEDs | 0603 | SMD-0603 15K | RESISTOR |
| R11, R12, R13, R15 | 4 | Resistor SMD small | 4k7 | 0603 | SMD-0603 4,7K | RESISTOR |
| R14 | 1 | Resistor SMD small | 22k | 0603 | SMD-0603 22K | RESISTOR |
| R16 | 1 | Resistor SMD small | 100R | 1206 | WAL WR12X1000FTL | RESISTOR, mind 200R |
| R19 | 1 | Resistor SMD small | 6R2 | 1206 | SMD 1/4W 6,2 | RESISTOR |
| IC1 | 1 | 78XXS | 78L05 | SOT89 | L78L05ACU STM | VOLTAGE REGULATOR |
| IC2 | 1 | ATtiny85 | | SOT | ATTINY 85-20 SU | ATtiny85 |