

| Bill of Materials | | Bill of Materials For Variant [USB] of Project [AKKON | | BURGER | | No PCB Document Selected) | |
|---------------------|--------------------------------------|---|------------------------------------|---------------------|----------|---------------------------|--|
| Source Data From: | | AKKON_HandWheel_W3_V1_0.PrjPcb | | | | | |
| Project: | | AKKON_HandWheel_W3_V1_0.PrjPcb | | | | | |
| Variant: | | USB | | | | | |
| Created: 06.11.2017 | | 10:25:47 | | | | | |
| Printed: 06-Nov-17 | | 10:25:53 AM | | | | | |
| Pos | Designator | Comment | Description | ManufPartNo | Quantity | | |
| 1 | B1 | Buzzer | Buzzer | LD-BZEG-1203 | 1 | | |
| 2 | C3, C4, C5, C6, C7, C15, C19, C22 | 100n | Capacitor, Capacitor, Capacitor, | 08055C104KAT2A | 8 | | |
| 3 | C14 | 220u | CAP ELECT 220UF 10V VS SMD, | EEE-1AA221P | 1 | | |
| 4 | C18, C21 | 100n | Kondensator | 08055C104KAT2A | 2 | | |
| 5 | C20 | 10n | Kondensator | 08055C103KAT2A | 1 | | |
| 6 | D2, D3, D4, D5, D6, D7, D8, D9, D10, | LGM67K | Led 0805, low current | LG M 67K | 12 | | |
| 7 | D17 | Tx | Led 0805, low current | LG M 67K | 1 | | |
| 8 | D18 | Rx | Led 0805, low current, green | LG T67K-H2K1-24-Z | 1 | | |
| 9 | FB1 | MI0805K400R-10 | FERRITE 1.5A 40 OHM 0805 SMD | MI0805K400R-10 | 1 | | |
| 10 | IC1 | DSPIC30F5015 | 16 bit micro controller | DSPIC30F5015-30I/PT | 1 | | |
| 11 | IC4 | FT232RL | FTDI USB to UART converter | FT232RL | 1 | | |
| 12 | J4 | Emergency | Connector | 428-2-004-0-T-KS0 | 1 | | |
| 13 | J6 | USB | Connector | 428-2-004-0-T-KS0 | 1 | | |
| 14 | P1, P2 | Speed | Potentiometer | RK09K113-LOG10K | 2 | | |
| 15 | R2, R5, R6, R14, R15, R16, R18, R19, | 4k7 | Resistor, Resistor, Resistor, | ERJP06 | 26 | | |
| 16 | R4, R51, R53, R54, R55 | 0 | Resistor, Resistor, Widerstand, | ERJP06 | 5 | | |
| 17 | R17, R25, R30, R31, R32, R33, R37, | 1K5 | Widerstand, Widerstand, | ERJP06 | 15 | | |
| 18 | R23, R56, R60 | 10k | Widerstand | ERJP06 | 3 | | |
| 19 | S1 | Emergency | Notaus | 7-188275-4 | 1 | | |
| 20 | S2, S3, S4, S5, S6, S7, S8, S9, S10, | SPST | micro touch switch | EVQQ2W02W | 13 | | |
| 21 | S15, S16, S17, S18, S19, S20, S21, | DTSM | Switch | DTSM-21N | 9 | | |
| 22 | T1 | Value | Bipolar npn darlington transistor, | BC817 | 1 | | |
| 23 | T4 | BC817 | Bipolar npn darlington transistor, | BC817 | 1 | | |
| 24 | T5 | IRLML6401 | HEXFET Power MOSFET | IRLML6401 | 1 | | |
| Approved: | | | Notes: | | | | |
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