

Sheet1

| Reference                          | Quantity | Value        | Footprint                              | MPN          | ConradPN     | Label |
|------------------------------------|----------|--------------|--|--------------|--------------|-------|
| AFF201 AFF202 AFF203 AFF204        | 4        | NKR161B      | ClockFootprints:161_163_Series         | NKR161B      | 1050566 - 62 | Value |
| C101                               | 1        | 0.1u         | Capacitors_SMD:C_0805_HandSoldering    |              |              |       |
| D201                               | 1        | Colon1       | LEDs:LED-0805                          | Value        | Value        |       |
| D202                               | 1        | Colon2       | LEDs:LED-0805                          | Value        | Value        |       |
| D203                               | 1        | Alarm        | LEDs:LED-0805                          | Value        | Value        |       |
| D204                               | 1        | Auto         | LEDs:LED-0805                          | Value        | Value        |       |
| IC1                                | 1        | ATMEGA88PA-A | Housings_QFP:LQFP-32_7x7mm_Pitch0.8mm  |              |              |       |
| P101                               | 1        | CONN_02X03   | Pin_Headers:Pin_Header_Straight_2x03   | WS6G         | 741435 - 62  |       |
| P102                               | 1        | CONN_01X05   | Pin_Headers:Pin_Header_Straight_1x05   |              |              |       |
| P201 P203                          | 2        | CONN_01X06   | Pin_Headers:Pin_Header_Straight_1x06   |              |              |       |
| P202 P204                          | 2        | CONN_01X07   | Pin_Headers:Pin_Header_Straight_1x07   |              |              |       |
| Q201 Q202 Q203                     | 3        | BC856BS      | ClockFootprints:SOT-363                | BC856BS      |              |       |
| R101                               | 1        | 10K          | Resistors_SMD:R_0805_HandSoldering     |              |              |       |
| R201 R202 R203 R204                | 4        |              | 0 Resistors_SMD:R_0805_HandSoldering   |              |              |       |
| R205 R206 R207 R208 R209 R210      | 6        |              | 500 Resistors_SMD:R_0805_HandSoldering |              |              |       |
| R211 R212 R213 R214 R215 R216 R217 | 7        |              | 160 Resistors_SMD:R_0805_HandSoldering |              |              |       |
| U201                               | 1        | SN74LS138    | ClockFootprints:SOIC-16                | SN74LS138NSR |              |       |
| U202                               | 1        | 74HC4511     | ClockFootprints:SOIC-16                | CD4511BNSR   |              |       |