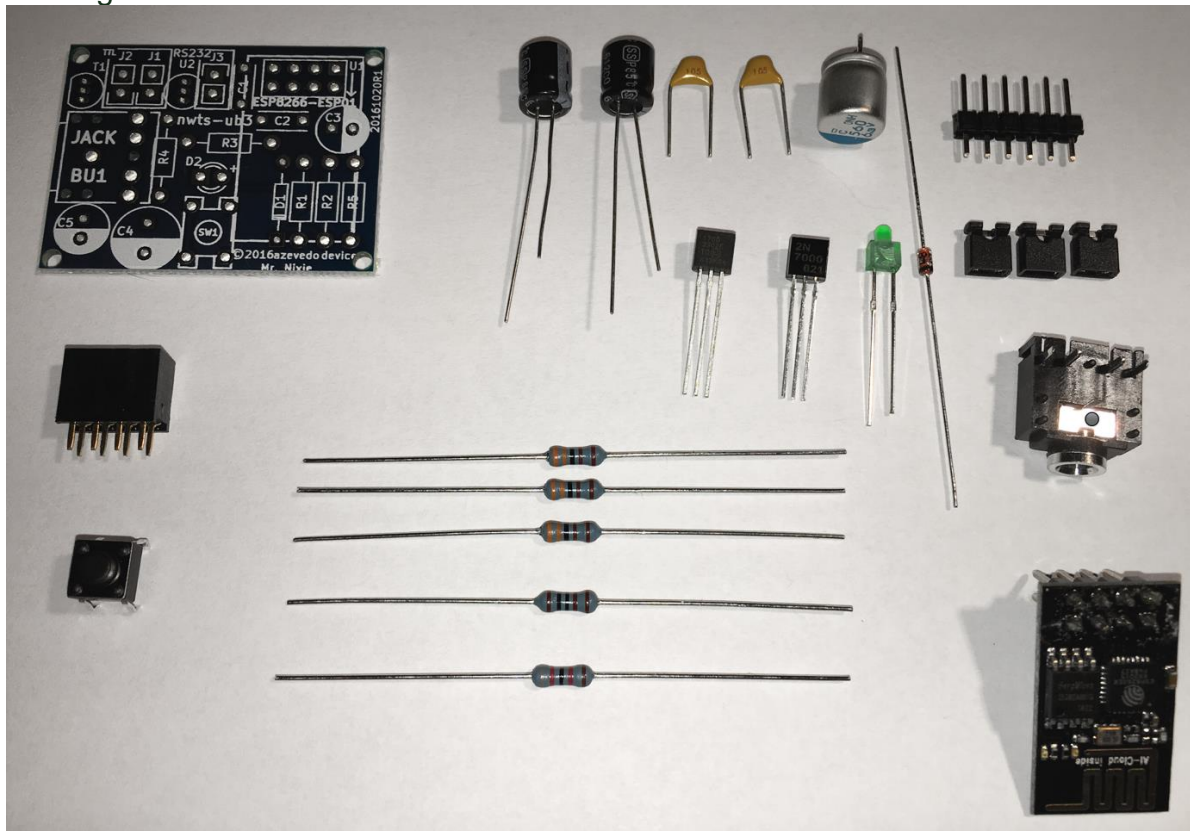# NWTS Bill of materials

## Package contents



Make sure that all components are included.

Please note that due to different suppliers, the components you receive might not be 100% the same. They are however fully tested and should work as the components depicted in the pictures.

Your package should contain the following material:

| Name | Type | Value | Codes | Qty |
|---|---|---|---|---|
| PCB1 | PCB board | - | | 1 |
| BU1 | 3.5mm jack | - | | 1 |
| C1, C2 | Ceramic capacitor | 1µF | 105 | 2 |
| C3, C5 | Electrolytic capacitor | 100µF | | 2 |
| C4 | Polymer capacitor | 560µF | | 1 |
| D1 | Diode | 1N4148 | | 1 |
| D2 | LED | Green | | 1 |
| J1, J2, J3 | Male 2.54mm pin header | - | | 6 |
| JC1, JC2, JC3 | Jumper cap | - | | 3 |
| R1 | 1/4W resistor | 1KΩ | ⬛🟫⬛🟫🟫 | 1 |
| R2, R3, R4 | 1/4W resistor | 3.3KΩ | 🟨🟨⬛🟫🟫 | 3 |
| R5 | 1/4W resistor | 82KΩ | ⬜🟥⬛🟥🟫 | 1 |
| SW1 | 4 pin 6mm switch | - | | 1 |
| T1 | MOSFET | 2N7000 | | 1 |
| U1 | 8 (4x2) Pin block header | - | | 1 |
| U2 | Voltage Regulator | MCP1700-3302E/TO | | 1 |
| IC1 | ESP8266 ESP-01 | | | 1 |
| Card 1 | License card | | | 1 |

The kit also comes with a short male-2-male cable to connect the kit to the clock.



If you also order with a case, your package should contain the following material:

- Laser cut and engraved 1.5mm glossy (black or transparent) acrylic box panels (top, bottom and sides)
- 4 M2x3mm+3mm brass threaded spacers (stubs)
- 4 M2x15mm brass threaded spacers (pillars)
- 4 black hex M2x4mm screws (for the case's top cover)
- 4 black hex M2x3mm screws (for the case's bottom cover)