BOM

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| Nr. | Component | Aantal | Link | Prijs | Foto |
| 1. | ESP32-WROOM-32E microprocessor | 1 | <https://www.conrad.be/nl/p/espressif-esp32-wroom-32e-m113eh3200ph3q0-draadloze-module-1-stuk-s-2383843.html?t=1&utm_source=google&utm_medium=surfaces&utm_term=2383843&utm_content=free-google-shopping-clicks&utm_campaign=shopping-feed&vat=true&gclid=EAIaIQobChMI4qrGjI_m9wIVUud3Ch3UjgbrEAYYASABEgKzQfD_BwE&tid=17072372137_pla-2383843&WT.srch=1> | € 4,36 |  |
| 2. | 20x4 LCD | 1 | [https://www.tinytronics.nl/shop/nl/displays/lcd/lcd-display-20\*4-karakters-met-witte-tekst-en-blauwe-backlight](https://www.tinytronics.nl/shop/nl/displays/lcd/lcd-display-20*4-karakters-met-witte-tekst-en-blauwe-backlight) | € 7,00 | I²C 20x4 LCD-MODULE VOOR ARDUINO® - BLAUWE ACHTERG | HB-Electronica |
| 3. | I2C-module voor LCD | 1 | <https://www.tinytronics.nl/shop/nl/communicatie-en-signalen/io-converters/lcd-aansluiting-naar-i2c-module> | € 3,00 | I2C LCD interface voor 16x2 en 20x4 displays |
| 4. | Keypad 3x4 Matrix - Membraan | 1 | <https://www.tinytronics.nl/shop/nl/schakelaars/manuele-schakelaars/keypads/keypad-3x4-matrix-membraan> | €4,00 | Keypad 3x4 Matrix - Membraan |
| 5. | PN532 (/ HW-147) | 3 | <https://www.tinytronics.nl/shop/nl/communicatie-en-signalen/draadloos/rfid/rfid-nfc-kit-pn532-met-s50-kaart-en-s50-key-tag> | 3x € 6,00  = €18,00 |  |
| 6. | Gewicht sensor 5 kg | 3 | <https://www.tinytronics.nl/shop/nl/sensoren/gewicht-druk-kracht/load-cellen/load-cell-5kg> | 3x € 5,00 = € 15,00 | Load Cell - 5kg |
| 7. | Load Cell Versterker - HX711 | 3 | <https://www.tinytronics.nl/shop/nl/sensoren/gewicht-druk-kracht/load-cellen/load-cell-versterker-hx711> | 3 x € 2,00 = € 6,00 | Load Cell Versterker - HX711 |
| 8. | Drukknop | 3 | <https://www.tinytronics.nl/shop/nl/schakelaars/manuele-schakelaars/drukknoppen-en-schakelaars/rode-drukknop-7mm> | 3 x € 0,50 = € 1.50 | Drukschakelaar - HQ Products |
| 9. | I2C Multiplexer - TCA9548A | 1 | <https://www.tinytronics.nl/shop/nl/communicatie-en-signalen/io-converters/i2c-multiplexer-tca9548a> | € 3,50 | I2C Multiplexer - TCA9548A |
| 10. | 2x3W stereo audio versterker mini 5V PAM8403 Thumbwheel | 1 | <https://www.tinytronics.nl/shop/nl/audio/versterkers/2x3w-stereo-audio-versterker-mini-5v-pam8403-thumbwheel> | €4,50 | 2x3W stereo audio versterker mini 5V PAM8403 Thumbwheel |
| 11. | Kleine Speaker - 4Ω 3W | 1 | <https://www.tinytronics.nl/shop/nl/audio/speakers/speakers/kleine-speaker-4%CF%89-3w> | €2,00 | Kleine Speaker - 4Ω 3W |
| 12. | AMS1117-3.3 | 1 | <https://www.tinytronics.nl/shop/nl/componenten/spanningsregelaars/ams1117-3.3v-spanningsregelaar-sot-223> | €0,50 | AMS1117 3.3V Spanningsregelaar - SOT-223 |
| 13. | PCB | 1 |  | €5 |  |

Totaal Bedrag : € 74,36