BOM

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| --- | --- | --- | --- | --- | --- | --- |
| Nr. | Component | Aantal | Te bestellen? | Link | Prijs | Foto |
| 1. | ESP32 microprocessor | 1 | Nee | / | / |  |
| 2. | 20x4 LCD + I2C module | 1 | NEE | / | / | I²C 20x4 LCD-MODULE VOOR ARDUINO® - BLAUWE ACHTERG | HB-ElectronicaI2C LCD interface voor 16x2 en 20x4 displays |
| 3. | Keypad 3x4 Matrix - Membraan | 1 | Ja | <https://www.tinytronics.nl/shop/nl/schakelaars/manuele-schakelaars/keypads/keypad-3x4-matrix-membraan> | €4,00 | Keypad 3x4 Matrix - Membraan |
| 4. | PN532 (/ HW-147) | 3 | Nee | / | / | RFID Tag sleutelhanger | 13,56Mhz | 1K S50 | Mifare Classic | blauw |
| 5. | Gewicht sensor 5 kg | 3 | Ja | <https://www.tinytronics.nl/shop/nl/sensoren/gewicht-druk-kracht/load-cellen/load-cell-5kg> | 3x € 5,00 = € 15,00 | Load Cell - 5kg |
| 6. | Load Cell Versterker - HX711 | 3 | Ja | <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 |
| 7. | Groene LED | 3 | Nee | / | / | Led 5 mm groen |
| 8. | Drukknop | 2 | Nee | / | / | Drukschakelaar - HQ Products |
| 9. | I2C Multiplexer - TCA9548A | 1 | Ja | <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 | Ja | <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 | Ja | <https://www.tinytronics.nl/shop/nl/audio/speakers/speakers/kleine-speaker-4%CF%89-3w> | €2,00 | Kleine Speaker - 4Ω 3W |

Totaal : € 35,00