

- Raspberry Pi 4: [https://www.sossolutions.nl/raspberry-pi-4-model-b-4gb?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGAQd7\\_G4cXt5CqzXyXbx8YVbvBNQ0wfW8M7kdMXfL-zb9ce1sWM6kRgaAmnwEALw\\_wcB](https://www.sossolutions.nl/raspberry-pi-4-model-b-4gb?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGAQd7_G4cXt5CqzXyXbx8YVbvBNQ0wfW8M7kdMXfL-zb9ce1sWM6kRgaAmnwEALw_wcB)
- T-cobbler with cable: [https://www.sossolutions.nl/gpio-extension-board-gpio-40p-adapterkabel?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASwmhb2kBMDla1volkC7HBu\\_krUWiFYjhS408gr6NrDa9hl1-6Qh1waAoWoeALw\\_wcB](https://www.sossolutions.nl/gpio-extension-board-gpio-40p-adapterkabel?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASwmhb2kBMDla1volkC7HBu_krUWiFYjhS408gr6NrDa9hl1-6Qh1waAoWoeALw_wcB)
- Breadboard(3): [https://benl.rs-online.com/web/p/breadboards/2153175?cm\\_mmc=BE-PLA-DS3A\\_-google\\_-PLA\\_BE\\_NL\\_ESD\\_Control%26\\_Cleanroom%26\\_PCB\\_Prototyping\\_Whoop\\_-\\_\(BE:Whoop!\)+Breadboards+\(2\)-\\_2153175&matchtype=&pla-340603703498&gclid=Cj0KCQjwwJuVBhCAARIsAOPwGAQtTWJtdlULQCdEboBifo3Cld6Rb2tkirSnlr3g34ojfDf5d2DkjVkaAljvEALw\\_wcB&gclsrc=aw.ds](https://benl.rs-online.com/web/p/breadboards/2153175?cm_mmc=BE-PLA-DS3A_-google_-PLA_BE_NL_ESD_Control%26_Cleanroom%26_PCB_Prototyping_Whoop_-_(BE:Whoop!)+Breadboards+(2)-_2153175&matchtype=&pla-340603703498&gclid=Cj0KCQjwwJuVBhCAARIsAOPwGAQtTWJtdlULQCdEboBifo3Cld6Rb2tkirSnlr3g34ojfDf5d2DkjVkaAljvEALw_wcB&gclsrc=aw.ds)
- Infrared sensor(7): [https://www.hobbyelectronica.nl/product/infrarood-obstakel-vermijdingsmodule/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGATYWcGvMHL\\_dX-Gt8vY\\_1vre3TvQzVLH-Ktlvyf5ODDZxyf2pnLyYaAiptEALw\\_wcB](https://www.hobbyelectronica.nl/product/infrarood-obstakel-vermijdingsmodule/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGATYWcGvMHL_dX-Gt8vY_1vre3TvQzVLH-Ktlvyf5ODDZxyf2pnLyYaAiptEALw_wcB)
- Arduino: [https://benl.rs-online.com/web/p/arduino/7697409?cm\\_mmc=BE-PLA-DS3A\\_-google\\_-CSS\\_BE\\_NL\\_Raspberry\\_Pi%26\\_Arduino%26\\_Development\\_Tools\\_Whoop\\_-\\_\(BE:Whoop!\)+Arduino\\_-7697409&matchtype=&pla-341920527054&gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASsNQKdVvSqTRoVR47upaR92EatPTKtIMvXwl9LkpvVQ3Nz0U8XiUaArdhEALw\\_wcB&gclsrc=aw.ds](https://benl.rs-online.com/web/p/arduino/7697409?cm_mmc=BE-PLA-DS3A_-google_-CSS_BE_NL_Raspberry_Pi%26_Arduino%26_Development_Tools_Whoop_-_(BE:Whoop!)+Arduino_-7697409&matchtype=&pla-341920527054&gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASsNQKdVvSqTRoVR47upaR92EatPTKtIMvXwl9LkpvVQ3Nz0U8XiUaArdhEALw_wcB&gclsrc=aw.ds)
- Level shifter: [https://www.otronic.nl/a-65454239/spanningsregelaars/4-kanaals-logic-voltage-level-converter/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASfAQ0unY9bfk4Eug6F1GTgwj4AoZMhKENITXFOjYALdxp\\_-WPingaAkbyEALw\\_wcB](https://www.otronic.nl/a-65454239/spanningsregelaars/4-kanaals-logic-voltage-level-converter/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASfAQ0unY9bfk4Eug6F1GTgwj4AoZMhKENITXFOjYALdxp_-WPingaAkbyEALw_wcB)
- RFID: [https://www.otronic.nl/a-60634400/rfid-nfc/rfid-rc522-nfc-kit-mfrc522-s50-mifare-incl-rfid-fudan-card-en-key-tag/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASRmyGFKcs7ciEITTVjCtIHohP\\_w0jnFjz4PJlculCbXC-OTbqnMyQaAvX3EALw\\_wcB](https://www.otronic.nl/a-60634400/rfid-nfc/rfid-rc522-nfc-kit-mfrc522-s50-mifare-incl-rfid-fudan-card-en-key-tag/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASRmyGFKcs7ciEITTVjCtIHohP_w0jnFjz4PJlculCbXC-OTbqnMyQaAvX3EALw_wcB)
- 8x8 led matrix with MAX7218(2): [https://www.otronic.nl/a-70104887/leds/max7219-dot-matrix-led-displaymodule-rood/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGATtQ9UNpQackfqU6v-wXfL7AZjtHpFjtqmOb37YbV8XdiPrQOTllyEaAkuEEALw\\_wcB](https://www.otronic.nl/a-70104887/leds/max7219-dot-matrix-led-displaymodule-rood/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGATtQ9UNpQackfqU6v-wXfL7AZjtHpFjtqmOb37YbV8XdiPrQOTllyEaAkuEEALw_wcB)
- Buzzer(2): [https://benl.rs-online.com/web/p/electronic-sounders/1797450?cm\\_mmc=BE-PLA-DS3A\\_-google\\_-PLA\\_BE\\_NL\\_Automation%26\\_Control\\_Gear\\_Whoop\\_-\\_\(BE:Whoop!\)+Electronic+Sounders\\_-1797450&matchtype=&pla-305757903759&gclid=Cj0KCQjwwJuVBhCAARIsAOPwGARtDXzwtDQAP5saCE5ZOEAtOLFnm4alXHUC1aLWdXye-7SYuot2wfUaApKIEALw\\_wcB&gclsrc=aw.ds](https://benl.rs-online.com/web/p/electronic-sounders/1797450?cm_mmc=BE-PLA-DS3A_-google_-PLA_BE_NL_Automation%26_Control_Gear_Whoop_-_(BE:Whoop!)+Electronic+Sounders_-1797450&matchtype=&pla-305757903759&gclid=Cj0KCQjwwJuVBhCAARIsAOPwGARtDXzwtDQAP5saCE5ZOEAtOLFnm4alXHUC1aLWdXye-7SYuot2wfUaApKIEALw_wcB&gclsrc=aw.ds)
- One-Wire Temperature sensor: [https://www.hobbyelectronica.nl/product/ds18b20-waterdicht/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASSBYvCZmRXzniQO-LV1cLliJg1e2YPC1JzLuKeFcPssWagg8xQGL0aAuDdEALw\\_wcB](https://www.hobbyelectronica.nl/product/ds18b20-waterdicht/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASSBYvCZmRXzniQO-LV1cLliJg1e2YPC1JzLuKeFcPssWagg8xQGL0aAuDdEALw_wcB)
- Connector set: [https://www.amazon.nl/dp/B07PVVD26W/ref=pe\\_28126711\\_487102941\\_TE\\_SCE\\_d\\_p\\_1](https://www.amazon.nl/dp/B07PVVD26W/ref=pe_28126711_487102941_TE_SCE_d_p_1)

- Wires: [https://www.amazon.nl/dp/B08MBXTRCG/ref=pe\\_28126711\\_487102941\\_TE\\_SCE\\_dp\\_2](https://www.amazon.nl/dp/B08MBXTRCG/ref=pe_28126711_487102941_TE_SCE_dp_2)
- LCD: [https://www.otronic.nl/a-62700212/lcd-displays/1602-lcd-blauw-backlight-5v/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGARGnPsuVSgvR2FNfcBPBFdGph\\_ompoSQ-u6ey8eVn1osWDj9pzahq0aAjOUEALw\\_wcB](https://www.otronic.nl/a-62700212/lcd-displays/1602-lcd-blauw-backlight-5v/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGARGnPsuVSgvR2FNfcBPBFdGph_ompoSQ-u6ey8eVn1osWDj9pzahq0aAjOUEALw_wcB)
- PCF8574: [https://www.reichelt.com/be/fr/extension-e-s-8-bits-distance-pour-bus-i2c-pdip-16-pcf-8574-n-p216402.html?PROVID=2812&gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASQMKBy80KSj2cX4kTOyDKVFCaSYALFhChPeVR12p5yfSqf7QPVb4AaAtntEALw\\_wcB](https://www.reichelt.com/be/fr/extension-e-s-8-bits-distance-pour-bus-i2c-pdip-16-pcf-8574-n-p216402.html?PROVID=2812&gclid=Cj0KCQjwwJuVBhCAARIsAOPwGASQMKBy80KSj2cX4kTOyDKVFCaSYALFhChPeVR12p5yfSqf7QPVb4AaAtntEALw_wcB)
- Big connect 4 game like this: [https://www.amazon.nl/COSTWAY-4-tot-score-volwassenen-basketbal-verjaardag/dp/B09SYWW4ZS/ref=sr\\_1\\_5?keywords=reuze+4+op+een+rij&qid=1655157248&srefix=reuze+4+%2Caps%2C77&sr=8-5](https://www.amazon.nl/COSTWAY-4-tot-score-volwassenen-basketbal-verjaardag/dp/B09SYWW4ZS/ref=sr_1_5?keywords=reuze+4+op+een+rij&qid=1655157248&srefix=reuze+4+%2Caps%2C77&sr=8-5)
- Potentiometer: [https://www.otronic.nl/a-69371189/weerstanden/potmeter-10k-o-lineair/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGATmqX5dQ3Bpz-4ZHCYaSUlt6d-GJt0b01nluNMHiyLZh-b0dOAXQCYaAvVIEALw\\_wcB](https://www.otronic.nl/a-69371189/weerstanden/potmeter-10k-o-lineair/?gclid=Cj0KCQjwwJuVBhCAARIsAOPwGATmqX5dQ3Bpz-4ZHCYaSUlt6d-GJt0b01nluNMHiyLZh-b0dOAXQCYaAvVIEALw_wcB)
- Resistors: [https://www.amazon.nl/BOJACK-weerstandskit-koolstoffilm-weerstanden-assortiment/dp/B08FD1XVL6/ref=asc\\_df\\_B08FD1XVL6/?tag=nlshogostdde-21&linkCode=df0&hvadid=454758785729&hvpos=&hvnetw=g&hvrnd=5171330831305716165&hvpone=&hvptwo=&hvgmt=&hvdev=c&hvdvcmld=&hvlocint=&hvlocphy=1001304&hvtargid=pla-987461867193&psc=1](https://www.amazon.nl/BOJACK-weerstandskit-koolstoffilm-weerstanden-assortiment/dp/B08FD1XVL6/ref=asc_df_B08FD1XVL6/?tag=nlshogostdde-21&linkCode=df0&hvadid=454758785729&hvpos=&hvnetw=g&hvrnd=5171330831305716165&hvpone=&hvptwo=&hvgmt=&hvdev=c&hvdvcmld=&hvlocint=&hvlocphy=1001304&hvtargid=pla-987461867193&psc=1)