

Class	1MCT2
First Name:	Bram
Name	Bossuyt
Project Name :	Table hockey
Assembly Revision :	
Approval Date :	
Part Count :	16
Total Cost :	€158

Part #	Part Name	Description	Revision	Qty
1	raspberry pi kit	bestuurt alles en zorgt er voor dat het alles samen werkt	1	1
2	laser	projecteert een lichtstraal	2	2
3	RFID sensor	leest bepaalde radio golven en kan ze onderscheiden tussen andere	1	1
4	RFID sensor tags	De kaartjes die gelezen worden	1	6
5	photodiode	lichtdetector	2	2
6	OLED scherm	een scherm gemaakt uit lichtgevende diodes	1	1
7	knop	eenvoudige switches	1	1
8		om eenvoudig beweging te detecteren	1	1
	Break beam sensor buzzer	een actuator dat geluid maakt	1	1



**Total**

**16**

## Picture of Assembly

### Supplier

uetooth-Micro-HDMI/dp/B07TC2BK1X/ref=sr\_1\_5?crid=39022V85C5UNY&keywords=raspberry+pi+4

3F/?tag=nlshogostdde-21&linkCode=df0&hvadid=430598295089&hvpos=&hvnetw=g&hvrnd=12524708851565

14634680/?country=BE&Referrer=ADVNLGOO002013-G-120928976848-S-1076696512011-920000011463468

nWft6KzmmHNKDir3e-8XQxoyfFvZWPqj1RlsO6VI6ghAQO-MGPlaAlffEALw\_wcB&hvadid=424570981084&hvd

utm\_source=google&utm\_medium=cpc&utm\_campaign=Shopping\_Product\_Sensors%2C%20Transducers&utm

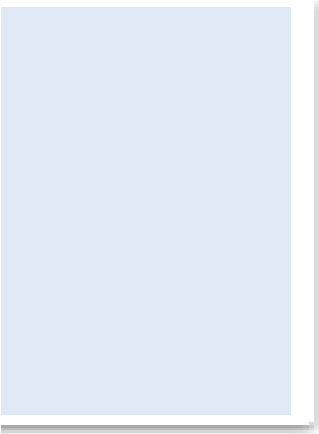
GjTJappYhKOO6tNpk7o9riOJ0F6N2ctFA8X-w\_PixoCOeEQAvD\_BwE&hvadid=593748346789&hvdev=c&hvl

pop\_-(BE:Whoop!)+Tactile+Switches\_-1613779&matchtype=&aud-827186183886:pla-302162324538&gclid=Cj

<https://www.adafruit.com/product/2167>

.Whoop\_-(BE:Whoop!)+Piezo+Buzzers\_-6173081&matchtype=&aud-827186183686:pla-330938674761&gclid=





(picture can only be added with END delivery of project!)

also available from

<https://www.coolblue.be/nl/product/868638/raspberry-pi-4-model-b-4gb-starterskit-wit.html>

<https://opencircuit.be/product/650nm-5mW-Laser-diode>

[nfr522-s50-mifare-incl-rfid-fudan-card-en-key-tag/?gclid=Cj0KCQiAs5eCBhCBARIsAEhk4r7Eqp-DSTC-Y0iwkU](#)

[ntrol\\_Gear\\_Whoop-\\_\(BE:Whoop!\)+Identification+Sensors-\\_-8828972&matchtype=&pla-341181368536&gclid=C](#)

[s\\_Whoop-\\_\(BE:Whoop!\)+Photodiodes+\(2\)-\\_-315214&matchtype=&aud-827186183686;pla-308323360980&gclid=C](#)

[Whoop-\\_\(BE:Whoop!\)+OLED+Displays+\(2\)-\\_-2256206&matchtype=&aud-827186183686;pla-301424834869&gclid=C](#)

[s&utm\\_source=google&utm\\_medium=cpc&utm\\_campaign=Shopping\\_Product\\_Switches&utm\\_term=&productid=C](#)

<https://opencircuit.be/product/ir-break-beam-sensor-3-mm-leds>

[ear\\_Whoop-\\_\(BE:Whoop!\)+Electronic+Sounders-\\_-1347276&matchtype=&aud-827186183686;pla-3190893767](#)



Units	Unit Cost	Max Cost	Real Cost
1	\$ 109,99	€ 109,99	€ 109,99
2	\$ 2,55	€ 10,99	€ 2,55
1	\$ 6,99	€ 3,66	€ 6,99
10	\$ 4,99	€ 4,99	€ 4,99
2	\$ 3,00	€ 5,15	€ 3,00
1	\$ 5,00	€ 15,00	€ 5,00
1	\$ 0,11	€ 0,11	€ 0,11
1	\$ 2,95	€ 2,95	€ 2,95
1	\$ 2,00	€ 5,00	€ 2,00
		€ -	€ -

€ - € -

€ 157,84 € 137,58