

Class	1MCT4
First Name:	Ibe
Name	Demortier
Project Name :	<u>Slimme sjoelbak</u>
Assembly Revision :	_____
Approval Date :	_____
Part Count :	<u>11</u>
Total Cost :	<u>€187</u>

Part #	Part Name	Description	Revision	Qty
1	Raspberry pi 4 modelB	Raspberry Pi as brain in the device	1	1
2	Raspberry Pi t-cobbler	Breakout board for the raspberry pi	1	1
3	5V 10A powerSupplu	Supply for the whole project	1	1
4	Laser head	Sends out a laser	1	1
5	laser detector	Detects if the laser is received	1	1
6	LCD screen	Shows the IP from the website	1	1
7	Hall effect sensor mdoule	Gives a signal when a magnet passes over it	1	1
8	Magneet	Needed to go over the hall effect	1	1
9	Led strip	Gives light when a point is scored	1	1
10	Resitor kit	There are a couple of resistors needed	1	1

11	Shuffle board	The most important part of the whole game	1	1
	Total			11

Picture of Assembly



can only be added with END delivery of prc

Supplier	also available from	Units	Unit Cost
e/en/products/detail/raspberry-pi/Raspberry-gn=organic_shopping_be&utm		1	\$ 50,63
D=2812&gclid=CjwKCAiA4KaRBhBdEiwAZi2breakout-board-voor-raspberry-		1	\$ 2,64
kCode=df0&hvadid=454704374835&hvpos=&hvnetw=g&hvrnd=13568814		1	\$ 16,99
lid=CjwKCAiA4KaRBhBdEiwAZi1zznDI-pB-3ZD-VuLef-9nJkuCNxvQi8yJUE		1	\$ 1,19
electronics.nl/laser-receiver-module-5v.html?source=googlebase		1	\$ 1,99
o!)+Display+Development+Tools-_-7916476532-S-1075852962858-930000		1	\$ 11,11
-sensormodule_1398711?gclid=CjwKCAjwtcCVBhA0EiwAT1fY755W42vF8		4	\$ 18,39
c_nl_NL=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crd=3W58X54		30	\$ 17,91
=%C3%85M%C3%85%C5%BD%C3%95%C3%91&crd=27VCTXN7K3VE0		1	\$ 30,99
e=df0&hvadid=454758785729&hvpos=&hvnetw=g&hvrnd=155365114761		1	\$ 12,99

ject!)

Max Cost	Real Cost
€ 50,63	€ 49,99
€ 2,64	€ 3,50
€ 16,99	€ 16,99
€ 1,19	€ 1,19
€ 1,99	€ 1,99
€ 11,11	€ 6,99
€ 18,39	€ 18,39
€ 17,91	€ 17,91
€ 30,99	€ 30,99
€ 12,99	€ 12,99

€ 22,30 € 22,30

€ 187,13