

Class	1MCT3
First Name:	Pieter
Name	Blomme
Project Name :	Smart Pinball
Assembly Revision :	
Approval Date :	
Part Count :	14
Total Cost :	€122

Part #	Part Name	Description	Revision	Qty
1	raspberry pi 4 model B	to control the project	1	1
2	raspberry T-cobbler	to connect the raspberry pi	1	1
3	usb-c power supply 3,3V	to power the raspberry pi	1	1
4	wooden plates	to build the housing	1	2
5	ldr	to messure the speed of the ball in the beginning	1	1
6	force sensitive resistor	to make the hot-zone on the board	1	1
7	infrared sensor	to see if you lose	1	1
8	wooden sticks	to put the rubber bands on	1	1
9	colored rubber bands	to let the ball bounce on	1	1
10	lcd-screen	To show points and messages.	1	1

11	black marbles	To act as ball.	1	1
12	Stickers	To decorate.	1	1
13	cables	To connect the parts.	1	1
Total			14	

Picture of Assembly

(picture can only be added with END delivery of pro

Supplier	also available from	Units	Unit Cost
www.raspberrypi.com/products/raspberry-pi-4	lutions.nl/raspberry-pi/pi-4-mo	1	€ 39,94
:QiAmpyRBhC-ARIsABs2EAqgH3gnIMjEY-s://www.adafruit.com/product/2		1	€ 3,95
5511/?Referrer=&gclid=Cj0KCQiAmpyRBhC-ARIsABs2EAq2La7		1	€ 9,99
co.be/nl/p/mdf-plaat-244x122-cm-2-5mm-bi244x122cm-6mm/?utm_medium		2	€ 9,49
de=df0&hvadid=430558678075&hvpos=&fmpyRBhC-ARIsABs2EAq2La7		1	€ 3,93
urrency=EUR&gclid=Cj0KCQiAmpyRBhC-/df0&hvadid=494678708878&h		1	€ 7,95
gle-shopping-clicks&utm_campaign=shoppiod-IR-reflectie-sensor-TCRT5		1	€ 2,09
jsstokjes-naturel-10-cm/920000003557048&idid=572451438380&hvpos=&f		1	€ 6,87
333430b0&colour=81428&gclid=CjwKCAiA\SAAAAAA-19-011918-292612		1	€ 2,39
016892532-S-1075852962858-930000002vKCAjw46CVBhB1EiwAgy6M4		1	€ 8,86

<https://www.knikkerprins.com/piraat-16mm.htm> 1 € 0,20

https://www.amazon.nl/dp/B093L2VHBC/ref=ppx_yo_dt_b_asin_t1_5?mk_nl_NL=ÅMÅŽÕÑ&c 1 € 9,99

https://www.amazon.nl/dp/B01EV70C78/ref=ppx_yo_dt_b_asin_tr_1_6?mk_nl_NL=ÅMÅŽÕÑ 1 € 6,99

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Max Cost	Real Cost
€ 39,94	€ 39,94
€ 3,95	€ 3,95
€ 9,99	€ 9,99
€ 18,98	€ 18,98
€ 3,93	€ 3,93
€ 7,95	€ 7,95
€ 2,09	€ 2,09
€ 6,87	€ 6,87
€ 2,39	€ 2,39
€ 8,86	€ 8,86

€ 0,20 € 0,20

€ 9,99 € 9,99

€ 6,99 € 6,99

€ 122,13 € 122,13