

Class	1MCT3
First Name:	Milan
Name	Seynaeve
Project Name :	<u>Slimme brievenbus</u>
Assembly Revision :	<u>1</u>
Approval Date :	<u>10-Mar-23</u>
Part Count :	<u>15</u>
Total Cost :	<u>€104</u>

Part #	Part Name	Description	Revision	Qty
1	Raspberry Pi 4 computer Model B 2GB RAM	Raspberry Pi to control the entire system	1	1
2	Raspberry PI T-cobbler	Breakout board for Raspberry Pi	1	1
3	rfid RC522 kit	rfid sensor	1	1
4	LDR	Licht gevoelige weerstand	1	2
5	Ultrasonic distance sensor HC-SR04	Distance sensor	1	1
6	Magnetic contact sensor	door contact sensor	1	1
7	LM35	temperature sensor	1	1
8	Servo motor	Servo motor	1	2
9	LEDS	Leds	1	1
10	LCD Display module	LCD display	1	1

11	Neopixel ring	Neopixel ring	1	2
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12	Door lock	door lock	1	1
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Total			15	
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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-micro-gpio	ugBhCcARIsAGNmMbhnFs52c	1	\$ 59,96
r-B+-or-A+-or-Zero-p-1045811.html?imageAb=1	252037268&hvpon=&hvptwo:	1	\$ 5,99
/?Referrer=ADVNLGOO002013-G-135735706218124438480032&hvpon=&hvptv		1	\$ 5,99
oglebase&gclid=Cj0KCQiAx6ugBhCcARIsAGNrrAx6ugBhCcARIsAGNmMbgs8aMI		1	\$ 0,61
/hoop-_(BE:Whoop!)+BBC+micro:bit+Add-ons-s://www.sparkfun.com/products/15		1	\$ 4,50
:7172309711562452&hvpon=&hvptwo=&hvqmonics.com/en/magnetic-contact-sw		2	\$ 9,58
perature+%26+Humidity+Sensor+ICs-_-15946&iAx6ugBhCcARIsAGNmMbiytK6jx		1	\$ 0,96
e&gclid=Cj0KCQiAx6ugBhCcARIsAGNmMbhsR1356711297336&hvpon=&hvptw		2	\$ 3,39
Cj0KCQiAx6ugBhCcARIsAGNmMbg4LIDEIo14KCQiAx6ugBhCcARIsAGNmMbjOxdVtyUfz			\$ 0,19
byelectronica.nl/product/1602-lcd-display-modu/Display-LCD-HD44780-16x2-zwart-op-gee			\$ 3,95

CRV1/ref=sr_1_1?crid=2BZCKYMQEP4C4&keywords=neopixel+24+ring&qid=1687188633 \$ 14,99

789&creative=9325&creativeASIN=B07S4MTYTB&linkCode=as2&tag=sritutech20 2 \$ 4,97

object!)

Max Cost	Real Cost
€ 59,96	
€ 5,99	
€ 5,99	
€ 1,22	
€ 4,50	
€ 9,58	
€ 0,96	
€ 6,78	
€ 0,19	
€ 3,95	

€

€ 4,97

€ 104,09