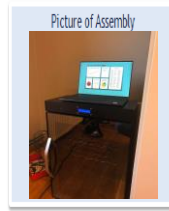


Class 1MCT2
 First Name: Freek
 Name Herregods
 Project Name : Smart mini-fridge
 Assembly Revision : _____
 Approval Date : _____
 Part Count : 17
 Total Cost : €510



Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 4 Model B	Main controller of the system	1	1	https://www.kiwi-electronics.nl/raspberry-pi-4/raspberry-pi-4-model-b-2gb	.sossolutions.nl/raspberry-pi-4-i	1	€ 39.95	€ 39.95	
2	Beersafe XL Onyx drankenkoelkast	drankenkoelkast	1	1	nkenkoelkast-A-LED-4-metalen-roosters-glazen-deur-60-ltr.html?oclid=Cj0KjY-roosters-glazen-deur/930000C		1	€ 330	€ 329.99	
3	Barcode Scanner Module - 1D/2D Codes Reader	barcode sensor	1	1	i07gcid-Cj0KCOjA7NKBBhDBARtsAHbXCB72DLdkzmchJBNfijHSkC7dX/code-scanner-module-1d-2d-co		1	€ 47.95	€ 47.95	
4	Waterbestendige DS18B20 digitale temperatuursensor + weerstand - 1 meter	temperatuursensor	1	1	www.kiwi-electronics.nl/Waterproof-DS18B20-Digital-temperature-sensor-plus	ns.nl/waterdichte-ds18b20-digit	1	€ 8.95	€ 8.95	
5	Lock-style Solenoid - 12VDC	deurslot	1	1	https://www.kiwi-electronics.nl/lock-style-solenoid-12vdc	ru.it.be/Product/Elektrisch-sol	1	€ 14.95	€ 14.95	
6	grove buzzer	buzzer	1	1	https://www.kiwi-electronics.nl/grove-passive-buzzer	www.seedstudio.com/Grove-Bu	1	€ 2.35	€ 2.35	
7	Mini Microschakelaar - SPDT (Roller Lever)	microschakelaar	1	1	wi-electronics.nl/mini-microschakel-spdt-roller-lever?search=knop&description	ctrionics.nl/large-enclosed-piez	1	€ 2.95	€ 2.95	
8	Raspberry Pi T-cobbler	Breakout board for Raspberry Pi	1	1	https://www.adafruit.com/product/2028	cobbler-breakout-board-voor-r	1	€ 6.45	€ 6.45	
9	RGB LCD 16x2 Display + Extras - Backlight Posistief	LCD displays	1	1	www.kiwi-electronics.nl/lcd-oled-displays/RGB-LCD-16x2-extras-backlight-p-s://www.adafruit.com/product/		1	€ 14.95	€ 14.95	
10	TIP120 Darlington Transistor	transistor	1	1	https://www.kiwi-electronics.nl/tip120-darlington-transistor-3-pack		1	€ 2.95	€ 2.95	
11	Potentiometer	potentiometer	1	1	www.kiwi-electronics.nl/Potentiometer-trim-10K?search=potentiometer&description=true		1	€ 1.25	€ 1.25	
12	1N4007	diode	1	1	https://www.be.farnell.com/diodes-inc/1n4007-1/diode-rectifier-1000v-1a-dp-41/dp/1843698		1	€ 2.95	€ 2.95	
13	1 kOhm weerstand	voorschakelweerstand	1	1	https://www.kiwi-electronics.nl/Weerstand-1K-ohm-1-4-watt-5-procent-10-stuks		1	€ 1.00	€ 1.00	
14	Industriële voeding Meanwell 25W - 12V / 2.1A RS2512	voeding voor solenoid	1	1	https://www.gottron.be/industriële-voeding-meanwell-25w-12v.html		1	€ 14.21	€ 14.21	
15	Premium Jumperwires op strip - M/M jumperwires 40 stuks - M/M - 20cm		1	1	ics.nl/Premium-Jumperwires-40-stuks-op-strip-20cm-male-male?search=jumperwire&description=true		1	€ 1.00	€ 1.00	
16	Premium Jumperwires op strip - M/F jumperwires 40 stuks - M/F - 20cm		1	1	ics.nl/Premium-Jumperwires-40-stuks-op-strip-20cm-male-female?search=jumperwire&description=true		1	€ 14.21	€ 14.21	
15	2-CHANNEL POWER MODULE FOR BREADBOARDS 3.3V/5V	5V power supply	1	1	https://www.velleman.eu/products/view/?id=439206		1	€ 3.99	€ 3.99	
Total									€ 510.05	