

Class 1MCT1
 First Name: Robin
 Name Claeys
 Project Name : SmartBar Cocktails
 Assembly Revision : 1.0
 Approval Date : 18-Mar-20
 Part Count : 41
 Total Cost : €339



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

Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 4	Model B, 2GB, ARM-Cortex-A72, 4 x 1,50 GHz, WLAN-ac, Bluetooth 5.0, LAN, 4 x USB, 2 x Micro-HDMI	1	1	Optie 1	Optie 2	1	\$ 45.50	€ 45.50	
2	Jumper Wires voor breadboard (Male-To-Male / Male-To-Female / Female-To-Female)	Klik op de afbeelding voor een uitgebreide weergave aihasd 120 PC 's 3 in 1 Kit 10 cm "Female-Female" "male-Female" "male-male" jumper Wire DuPont Cable kabel steckbr " 1 cken drahtbr " 1 cken F " 1 R Arduino Raspberry Pi	1	1	Optie 1	Optie 2	3x40	\$ 4.98	€ 4.98	
3	Channel relay	JBtek 8 Channel DC 5V Relay Module for Arduino Raspberry Pi DSP AVR PIC ARM	1	1	Optie 1	Optie 2	1	\$ 8.17	€ 8.17	

4	12V voeding	LEDMO Switching Converter, AC/DC Power Supply Adapter Transformer Driver for LED Strip Lights, AC 100V/240V to DC 12V 10A 120W LED Strip Light Power Supply Switching Mode	1	1	Optie 1	Optie 2	1	\$ 15.46	€ 15.46
5	stroom kabel	as-Schwabe 70556 Boormachinekabel, 3 m, H05RN-F 2x1,5, zwart, IP44	1	1	Optie 1	Optie 2	1	\$ 6.97	€ 6.97
6	5V regulator	DCDC Converter, DROK Step Down Voltage Regulator Module DC 4.5-40V 36V 24V to 1.25-37V 12V 9V 5V 3V Variable Buck Converter Adjustable Electronic Power Supply Volt Reducer Transformer Stabilizer Board	1	1	Optie 1	Optie 2	1	7.27	€ 7.27
7	power distribution board	Electronics-Salon Panel M	1	1	Optie 1	Optie 2	1	15.47	€ 15.47
8	druk sensor	FORCE SENSING RESISTOR,1.5 INCH SQUARE,1oz-22LBS,2 LEADS,0.1 INCH SPACING	1	1	Optie 1	Optie 2	1	12.72	€ 12.72
9	magnetic contact switch	egg 2 Pairs MC-38 Door V	1	1	Optie 1	Optie 2	2	8.18	€ 8.18
10	RFID Sensor	HiLetgo RFID Kit - Mifare RC522 RF IC Card Sensor Module + S50 Blank Card + Key Ring for Arduino Raspberrry P	1	1	Optie 1	Optie 2	1	5	€ 5.00
11	doseer pomp	Gikfun 12V DC Dosing Pu	1	4	Optie 1	Optie 2	1	11.81	€ 47.24

12	drukknop	Momentary Push Button Switch, URTONE UR125, 1NO SPST DC/AC 36V 2A Aluminum Alloy Metal Shell Suitable for 12mm 1/2" Mounting Hole (Black)	1	2	Optie 1	Optie 2	1	7.26	€ 14.52
13	Trechterje	Stainless Steel Kitchen Fu	1	1	Optie 1	Optie 2	1	7.26	€ 7.26
14	deur hendel	Barn Door Handle Pull Set (2 Pack) 6-1/2" Satin Stainless for Sliding Barn Door Hardware 2 Handles with 12 Screws Included	1	1	Optie 1	Optie 2	1	15.5	€ 15.50
15	Houten platen	MDF-plaat 244x122 cm 8	1	1	Optie 1	Optie 2	1	19.56	€ 19.56
16	Plexi glas	Plexiglas helder 2 mm / 305x205	1	1	Optie 1	Optie 2	1	18	€ 18.00
17	Houten balken	Vurenhout geschaafd 12x35 mm 270cm	1	6	Optie 1	Optie 2	1	3.38	€ 20.28
18	Breadboard	Elegoo Breadboards steekplank set voor Arduino Jumper kabel	1	1	Optie 1	Optie 2	3	6.36	€ 6.36
19	elektrische kabels (zwart/rood)	BNTECHGO 28 Gauge Silicone Wire Ultra Flexible 20 Feet high temp 200 deg C 600V 28 AWG Silicone Wire 16 Strands of Tinned Copper Wire Stranded Wire Model Cable Black and Red Each Color 10 ft (3 meter)	1	1	Optie 1	Optie 2	1	11	€ 11.00

20	food grade silicone pijpje	X-Dr 2 x 5mm transluzentes Silikonschlauch DIY Schlauchleitung 1 Meter Länge (7b69164edb7b2b05076 02b5b33313e13)	1	2	Optie 1	Optie 2	1	4.36	€ 8.72
21	LCD scherm	AZDelivery OLED Parent 128 x 64 pixels 0,96 inch	1	1	Optie 1	Optie 2	1	6.59	€ 6.59
22	High Voltage Diodes	X-Dr Axial Lead High Voltage 2CL2H 100mA 12KV gelijkrichterdiode (4b0b2489be442e63861f 273a45bac432)	1	5	Optie 1	Optie 2	1	4.52	€ 22.60
23	Scharnier	Suki Opschroef- kastscharnieren met veer 70 mm	1	4	Optie 1	Optie 2	1	2.19	€ 8.76
24	Analoog naar digitaal converter	Raspberry Pi - Analoge/Digitale Convertor, 4-kanaals, 16 bit, AD	1	1	Optie 1	Optie 2	1	3.36	€ 3.36
Total			41		Optie 2		€ 339.47		