

Class 1MCT1
 First Name: Cedric
 Name Lagrou
 Project Name : Priority One
 Assembly Revision :
 Approval Date : 09-mrt.-21
 Part Count : 18
 Total Cost : €181



(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	Raspberry pi	/	1	iAst2BBhDJARisAGo2ldXIHygTDkubndC?PROVID=2812&gclid=Cj0KQIAs2BBhDJARisAGo2ldXIHygTDkubndC		each	\$ 39,95	€ 39,95	€ 39,95
2	40-weg T-Cobbler Breakout Board voor Raspberry Pi - Kit	T stuk + connector op pi	/	1	nl/40-weg-t-cobbler-breakout-board-voor-r212&gclid=Cj0KQIAs2BBhDJARisAGo2ldXIHygTDkubndC		each	\$ 6,95	€ 6,95	€ 6,95
3	830-punt Breadboard - Transparant	BreadBoard	/	1	iAst2BBhDJARisAGo2ldXEAsBIS-qRSz9kc6FSx0usR4yhydezi8gaAoQ0E		each	\$ 6,95	€ 6,95	€ 6,95
4	Dupont Jumper kabels 40 stuks (Male-Male) 20cm	Dupont kabels	/	1	ibels/dupont-jumper-kabels-40-stuks-femal&G-118359629187-S-1075852		40	\$ 2,99	€ 2,99	€ 2,99
5	Lineaire Hall Sensor	Hall sensor voor de Deurcontrole zowel analoog als digitaal	/	1	i1364086/sensors/lineaire-hall-sensor-voor-359629187-S-1075852962858-		each	\$ 2,99	€ 2,99	€ 2,99
6	Infrarood bewegingsmelder HC-SR501	PIR	/	1	lm?PROVID=2812&gclid=Cj0KQIAs2BBhDJARisAGo2ldXIHygTDkubndC		each	\$ 2,39	€ 2,39	€ 2,39
7	SEN-15569 - HC-SR04	ultrasonic sensor	/	1	_source=google&utm_medium=surfaces&i_source=google&utm_medium=		each	\$ 4,03	€ 4,03	€ 4,03
8	MQ-2	Co-Sensor	/	1	29187-S-1075852962858-9300000021443?PROVID=2812&gclid=Cj0KQIAs2BBhDJARisAGo2ldXIHygTDkubndC		each	\$ 4,52	€ 4,52	€ 4,98
9	RFID module 13.56Mhz	RFID	/	1	opping&pk_kwd=Arduino-RFID-module-13-56Mhz&gclid=Cj0KQIAs2BBhDJARisAGo2ldXIHygTDkubndC		each	\$ 3,49	€ 3,49	€ 3,49
10	OLED display wit 0.96 inch 128x64 pixels I2C	oled display	/	1	ADVNLGOO002013-G-118359629187-S-10g-nl-pc&currency=EUR&cur_w		each	\$ 6,16	€ 6,16	€ 6,16
11	Raspberry Pi USB-C 3A	pi powersupply	/	1	?gclid=Cj0KQIAs2BBhDJARisAGo2ldXIHygTDkubndC		each	\$ 8,59	€ 8,59	€ 8,59
12	arduino	For the 5V sensors	/	1			each	\$ 29,95	€ 29,95	€ 29,95
13	Behuizing	model cardboard	/	1	www.amazon.com/Wood-Panels/s?k=Wood+ur=wit%2Fbruin&gclid=CjwKCAIA1eKBBhBZEiwAX3grsele-voeding-12-vdc-0-5-a-6-w		each	\$ 25,00	€ 25,00	€ 20,00
14	DS18B20 TO92	temp sensor	/	1	mometer/?gclid=CjwKCAIA1eKBBhBZEiwAX3grsele-voeding-12-vdc-0-5-a-6-w		each	\$ 0,99	€ 0,99	€ 0,99
15	SV7 buzzer Sirene 12V	sirene	/	1	p/zoemer-met-paneelmontage-12-vdc-met-els.be/buzzer-en-sirene/7374/1		each	\$ 10,79	€ 10,79	€ 10,79
16	12V power supply	Power supply sirene	/	1	j0KQIA4feBBhC9ARisABp_nbXwifNpuARYcOA3msYbJ4kOuFfqWGnGP		each	\$ 9,00	€ 9,00	€ 9,00
17	MB102 3.3V / 5V	Power module	/	1	-usb/?gclid=CjwKCAIA1eKBBhBZEiwAX3grsele-voeding-12-vdc-0-5-a-6-w		each	\$ 10,79	€ 10,79	€ 10,79
18	Relais	relais om sirene in te schakelen	/	1	http://evdb.be/index.php/5-v-relaismodule.html	https://www.otronic.nl/a-62164240	each	\$ 5,90	€ 5,90	€ 5,90
Total									€ 181,43	€ 169,52