

Class	1MCT3
First Name:	Florian
Name	Milleville
Project Name :	My Domotica
Assembly Revision :	_____
Approval Date :	_____
Part Count :	11
Total Cost :	€64

Part #	Part Name	Description	Revision	Qty
1	MQ-135 Gassensor module Ammonia Zwavel Benzine	Smoke detector		1
2	MCP3008	Analog to digital converter		1
3	Mini PIR Pyroelectrische Infrarood bewegingssensor	motion detector		1
4	TMP36GZ TEMPERATURE SENSOR	Temperature sensor		1
5	Raspberry Pi ventilator (fan)	Fan		1
6	MikroElektronika MIKROE-55, Character LCD Development Board	LCD screen		1
7	Mini Piezo Buzzer Mini PCB Mount	Buzzer as alarm		1
8	LED Lamp 230V	lamp		1
9	5V Hoog vermogen relais 250V 30A	Relais to control the light		1
10	Step-Up Power Module 0.9-5v naar 5v DC-DC	Transformer to control the relais		1

11	Hout	for the casing	1
12	Transistor BC547	Transistor for the fan	1
	Total		11



Supplier	also available from	Units	Unit Cost
G-118359629187-S-1075852962858-9300?gclid=Cj0KCQiAs5eCBhCBAR		1	\$ 6,24
-analoog-digitaal-converter-rpi-adc-p22684?s://www.adafruit.com/product/1		1	\$ 7,50
569400/sensors/mini-pir-pyroelectrische-in)024811367/?country=BE&Ref		1	\$ 3,39
www.eu.digiit.com/tmp36gz-temperature-sce.com/temperature-sensor-tm		1	\$ 1,29
ww.freva.com/nl/product/raspberry-pi-ventil;liexpress.com/w/wholesale-3.3		1	\$ 8,75
02-lcd-blauw-backlight-5v/?gclid=Cj0KCQi/6476/?cm_mmc=BE-PLA-DS3		1	\$ 3,19
https://www.pcboard.ca/minipiezo-buzzer s://solarbotics.com/product/178		1	\$ 1,00
_gst=4dabe715aa66a252029de1d0c62e734ADEiwAruUcKnZuUn65lwfPAN		1	\$ 5,00
ic.nl/a-61458584/relais/5v-hoog-vermogen120928976848-S-1076696512		1	\$ 7,99
0437/spanningsregelaars/step-up-power-m4801447/?country=BE&Referre		1	\$ 2,80

hout winkel	delva	\$ 16,57
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in de kit	Ajwn6GGBhADEiwAruUcKgpK:	1	\$ 1,88
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Max Cost	Real Cost
€ 6,24	
€ 7,50	
€ 3,39	
€ 1,29	
€ 8,75	
€ 3,19	
€ 1,00	
€ 5,00	
€ 7,99	
€ 2,80	

€ 16,57

€ 1,88

€ 63,72