

Class 1MCT3
 First Name: Sam
 Name Verdoordt
 Project Name : S-loadout
 Assembly Revision : _____
 Approval Date : _____
 Part Count : 15
 Total Cost : €178

Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Rpi	raspberry pi 4 b - 4GB		1	https://www.gotron.be/projecten/bouwkits/raspberry/raspberry-pi-borden/raspberry-pi-4-b-4gb-ram.html	https://www.raspberrypi.org/products/raspberry-pi-4-model-b/	1	\$ 59,96	€ 59,96	€ 59,96
2	Rpi t-piece	t piece for pi connection		1	https://www.gotron.be/catalog/product/view/id/25457/s/assembled-pi-1-cobbler-plus-gpio-breakout-voor-raspberry-pi-3-2-zero-a-en-b-40-pin/category/3238/	myself	1	\$ 9,95	€ 9,95	€ 9,95
3	Rpi power supply	power supply		1	https://www.kiwi-electronics.nl/raspberry-pi-usb-c-psu-white-eu?src=raspberrypi	myself	1	\$ 9,95	€ 9,95	€ 9,95
4	LCD display			1	https://nl.banggood.com/Geekcreit-IIC-I2C-2004-204-20-x-4-Character-LCD-Display-Screen-Module-Blue-Geekcreit-for-Arduino-products-that-work-with-official-Arduino-boards-p-908616.html?utm_source=googleshopping&utm_medium=cpc_organic&gmcCountry=BE&utm_content=minha&utm_campaign=minha-beg-nl-pc&currency=EUR&cur_warehouse=UK&createTmp=1&utm_source=googleshopping&utm_medium=cpc_bgcs&utm_content=xibei&utm_campaign=xibei-pla-beg-pc-nl-all-ram-purchase-0314&ad_id=425592441308&gclid=CjwKCAIAKjCBhAYeWAKQBCkrCIY2MRoYHAe9Ghhs3nQnjgcOK00GS3UkaRRDNnUyYOBmWQcmf-tavvC7AK0vN_BuE	arduino kit i own	1	\$ 8,07	€ 8,07	€ 8,07
5	Pulse sensor	Pulse sensor for heartbeat		1	https://www.seeedstudio.com/Grove-Ear-clip-Heart-Rate-Sensor.html	https://www.hobbyelectronica.nl/product/pulse-sensor-kit/?gclid=Cj0KCQIAKjCBhAYeWAKQBCkrCIY2MRoYHAe9Ghhs3nQnjgcOK00GS3UkaRRDNnUyYOBmWQcmf-tavvC7AK0vN_BuE	1	\$ 12,90	€ 12,90	€ 5,95
6	Neopixel 24 ring	neopixel ring for visualisation		1	https://nl.banggood.com/Ring-24x-5050-RGBW-LED-4500K-With-Integrated-Driver-Natural-White-Module-Board-p-1198221.html?utm_source=googleshopping&utm_medium=cpc_organic&gmcCountry=BE&utm_content=minha&utm_campaign=minha-beg-nl-pc&currency=EUR&cur_warehouse=CN&createTmp=1&utm_source=googleshopping&utm_medium=cpc_bgcs&utm_content=xibei&utm_campaign=xibei-pla-beg-pc-nl-all-ram-purchase-0314&ad_id=425592441308&gclid=CjwKCAIAKjCBhAYeWAKQBCkrCIY2MRoYHAe9Ghhs3nQnjgcOK00GS3UkaRRDNnUyYOBmWQcmf-tavvC7AK0vN_BuE	https://www.hobbyelectronica.nl/product/wr2812-5050-rgb-led-ring-24/?gclid=Cj0KCQIAKjCBhAYeWAKQBCkrCIY2MRoYHAe9Ghhs3nQnjgcOK00GS3UkaRRDNnUyYOBmWQcmf-tavvC7AK0vN_BuE	1	\$ 24,95	€ 24,95	€ 24,95
7	BME680	Gas sensor for ari humidity		1	https://www.gotron.nl/a-62542359/sensors/koolmonoxide-sensor-mq-77?gclid=Cj0KCQIAKjCBhAYeWAKQBCkrCIY2MRoYHAe9Ghhs3nQnjgcOK00GS3UkaRRDNnUyYOBmWQcmf-tavvC7AK0vN_BuE	https://www.hobbyelectronica.nl/product/bme680-digital-barometer-vochtigheid-gas-sensor/	1	\$ 6,99	€ 6,99	€ 20,95
8	MPU6050	accelero sensor for acceleration		1	https://www.hobbyelectronica.nl/product/mpu-6050/		1	\$ 3,95	€ 3,95	€ 3,95
9	ESP32			1	https://www.hobbyelectronica.nl/product/nodemcu-esp32-wifi-bluetooth-dual-core/		1	\$ 14,95	€ 14,95	€ 14,95
10	Jumper cables			3			40	\$ 4,50	€ 13,50	€ 13,50
11	Bread board			2	https://www.gotron.be/meten-solderen/solderen/printplaten/breadboard/soldeerfoos-breadboard-met-400-ronde-caten-wit.html		1	\$ 4,85	€ 9,70	€ 9,70
12	Breadboard power supply			1	https://www.kiwi-electronics.nl/breadboard-power-supply-3v3-5v7lanq=en		1	\$ 2,95	€ 2,95	€ 2,95
13	Potentiometer			1	https://www.kiwi-electronics.nl/panel-mount-10k-potentiometer-breadboard-vriendelijk-10k-lineair?search=potentie&description=true		1	\$ 1,15	€ 1,15	€ 1,15
Total									€ 177,82	€ 184,83