Class	1MCT2
First Name:	Kato
Name	Borms
Project Name :	TrackPack
Assembly Revision	2
Approval Date :	
Part Count :	42
Total Cost :	€188

Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 4 4GB	To control the entire system	2	1	Kit --> Unikits https://www.unikits.be/	https://www.tme.eu/be/nl/details/rpi-4b-4g/enkele-schijf-computers/raspberry-pi/raspberry-pi-4-4g-model-b/	1	€ 107,00	€ 107,00	€ 107,00
2	Gps module	To track the route	2	1	https://www.otronic.nl/a-69663212/gps/neo-8m-gps-module-met-batterij/	https://www.digikey.be/en/products/detail/adafruit-industries-llc/746/5353613?utm_adgroupid=RF%20Evaluation%20and	1	€ 16,99	€ 16,99	€ 16,99
3	Ldr	To see when it's getting dark	2	1	Kit --> Unikits https://www.unikits.be/	https://www.conrad.be/nl/p/luna-optoelectronics-pdv-p5003-fotoweerstand-ldr-tht-1-stuk-s-250	1	€ 3,55	€ 3,55	€ 3,55
4	Resistors	for leds and ldr and btns	2	18	Kit --> Unikits https://www.unikits.be/	https://www.kiwi-electronics.com/nl/weerstand-470-ohm-1-4-watt-5-10-stuks-6542?language=nl	18	€ 0,10	€ 1,80	
5	Display	To see how long the activity is going on and to display the ip address of the pi	2	1	Kit --> Unikits https://www.unikits.be/	https://www.otronic.nl/a-60954836/lcd-displays/1602-lcd-blauw-backlight-met-i2c-voorgesoldeerd/?gclid=CjwK	1	€ 6,99	€ 6,99	€ 6,99
6	Red leds	Backlights, turn signals	2	12	Kit --> Unikits https://www.unikits.be/	https://www.digikey.be/nl/products/detail/rohm-semiconductor/SLR-56VBT32/12350292?utm_adg	12	€ 0,53	€ 6,36	€ 6,36
7	Switch button	On/off button raspi , On/off buttons turn signal, start-stop btn	2	5	Kit --> Unikits https://www.unikits.be/	https://www.digikey.be/nl/products/detail/te-connectivity-alcoswitch-switches/1825910-6/1632563?utm_adgroupid=Cj	5	€ 0,16	€ 0,80	€ 0,80
8	Power Supply	power	2	2	Kit --> Unikits https://www.unikits.be/	lid=CjwKCAjwx7GYBhB7EiwA0	2	€ 1,95	€ 3,90	
9	Powerbank	power	2	1	duct/_hama-powerbank-supreme-20hd-20-C39200339115-S-16785898942		1	€ 40,99	€ 40,99	
	Total			**42**					**€ 188,38**	