

Class	1MCT1
First Name:	Benno
Name	Dierickx
Project Name :	DogBit
Assembly Revision :	
Approval Date :	
Part Count :	8
Total Cost :	€248

Part #	Part Name	Description	Revision	Qty
1	Gyroscoop/ accelerometer			1
2	GPS			1
3	one-wire tempsensor			1
4	ESP32			1
5	harnas			1
6	pulse sensor			1
7	LED strip			1
8	batterij	Lipo batterij 11.1V		1
11	LCD scherm			1
12	breadboard voeding			1

13	assortimen condensatoren	enkel 2 * 100nF en 1*20nF	1
14	raspberry		1



Supplier

<https://www.otronic.nl/a-62468557/sensors/acceleratie-versnellingsmeter-en-gyroscoop-i2c-mpu-6050>

<https://www.adafruit.com/product/746>

<https://www.otronic.nl/a-60871831/sensors/dallas-ds18b20-to92-temperatuur-sensor/>

<https://tinyurl.com/esp32-DB>

www.outdoordogshop.nl/p/tuigen/anti-trek-training-tuigen/ruffwear-front-range-harnas-huckleberry-blauw

<https://tinyurl.com/ECG-DB-PO>

<https://www.otronic.nl/a-64167231/leds/12-bit-rgb-leds-ws2812b-cirkel-rond-neopixel/>

<https://tinyurl.com/LiPo-batterij-DB>

<https://tinyurl.com/LCD-scherm-DB>

<https://www.otronic.nl/a-60560325/spanningsregelaars/breadboard-voeding-converter-naar-3-3v-en-5v>

<https://tinyurl.com/Condensator-Assortiment-DB>

<https://tinyurl.com/raspberry-4>

Total

also available from	Units	Unit Cost
r=ADVNLGOO002013-G-137016892532-S-1075852962858-9300000024805453&gclid=CjwKCAi/	\$	3,49
source=google&utm_medium=cpc&utm_campaign=Shopping_Product_RF%2FIF%20and%20RFII	\$	29,95
k/9300000067496372/?Referrer=ADVNLGOO002013-G-133405457402-S-1458030019560-93000	\$	5,99
C/?tag=nlshogostdde-21&linkCode=df0&hvadid=430566587740&hvpos=&hvnetw=g&hvrnd=1514	\$	8,79
v/hondentuigje-anti-trek-tuig-hondenharnas-tactical-hondenvest-khaki-maat-l/9300000062378298/?	\$	55,99
https://www.actievehonden.com/p/wandelen/fietsen/ruffwear-front-range-harnas-huckleb	\$	14,99
https://www.bol.com/nl/nl/p/otronic-12-bit-rgb-leds-ws2812b-cirkel-rond/9300000036754406/	\$	3,99
https://www.mijn-hebbeding.nl/Webwinkel-Product-486622381/ZOP-Power-11.1V-2200mAh-35C-3S-Lipo-batterij-T-Plug-Voor-RC-modellen.html	\$	29,95
https://www.otronic.nl/a-62700212/displays/1602-lcd-blauw-backlight-5v/?gclid=CjwKCAiA4KaRBf	\$	18,36
https://opencircuit.nl/product/breadboard-power-supply	\$	1,69

<https://www.amazon.nl/BOJACK-keramische-condensator-assortiment-condensatoren/dp/B07PP7> \$ 4,85

<https://www.kiwi-electronics.nl/en/raspberry-pi-4-model-b-4gb-4268?src=raspberrypi> \$ 69,95

Max Cost	Real Cost
€ 3,49	
€ 29,95	
€ 5,99	
€ 8,79	
€ 55,99	
€ 14,99	
€ 3,99	
€ 29,95	
€ 18,36	
€ 1,69	

(eerste keuze is die van de kit, de tweede niet. De tweede kost wel maar 3,89)

€ 4,85

€ 69,95

€ 247,99

