

Class 1MCT5
 First Name: Alexander
 Name Everaert
 Project Name : motoDash
 Assembly Revision : _____
 Approval Date : _____
 Part Count : 11
 Total Cost : €130



Part #	Part Name	Description	Revision	Qty	Supplier	also available from	Units	Unit Cost	Max Cost	Real Cost
1	Raspberry Pi 4 Model B	Main controller of the system	1	1	vi-electronics.nl/raspberry-pi-4/raspberry-pi-solutions.nl/raspberry-pi-4-1		1	€ 39,95	€ 39,95	
2	USB Charger for motorcycle 12V-5V	Power supply for the raspberry pi	1	1	gclid=CjwKCAiA44LzBRB-EiwA-jJipJZFZCG-72357708231-S-719840279		1	€ 12,99	€ 12,99	
3	4 Pin Fused Relay 12V	Switch to turn on/off the Raspberry Pi power circuit	1	1	.co.uk/Fused-4-Pin-Relay-Normally-Contactweb201602_0,searchweb201		1	€ 3,55	€ 3,55	
4	Waterproof DS18B20 1-Wire Temperature sensor	Oil temperature sensor	1	1	gclid=CjwKCAiA44LzBRB-EiwA-jJipN			€ 2,63	€ 2,63	
5	3 Axes Gyro Accelerometer MPU6050	Tilt sensor	1	1	dium=cpc_union&utm_content=xibei&utm_html?PROVID=2788&gclid=CjwKCAiA4			€ 5,51	€ 5,51	
6	Light dependent resistor	Lightsensor	1	1	zBRB-EiwA-jJipLn5X43nKnFVDGqvCtekV\bgcs&utm_content=xibei&utm		1	€ 1,50	€ 1,50	
7	MCP3008 - 8-channel 10-Bit ADC with SPI Interface	Analogue-Digital converter	1	1	ctronics.nl/MCP3008-8-kanaals-10-Bit-ADC(c-extern-pdip-16-651456?t=1&		1	€ 3,50	€ 3,50	
8	2,2" TFT SPI Display ILI9341	Main dashboard display	1	1	m_medium=cpc_bgs&utm_content=xibei&nop/nl/display/tft/2.2-inch-tft-display-24(€ 40,57	€ 40,57	
9	RGB LED	rgb led	1	1	PROVID=2788&gclid=CjwKCAiA44LzBRB-EiwA-jJipLn5X43nKnFVDGqvCtekV\bgcs&utm_content=xibei&utm		1	€ 0,62	€ 0,62	
10	Breakout Pi plus	prototyping board on top of the raspberry pi	1	1	electronics.nl/raspberry-pi-breakout-boards1?_mk_nl_NL=%C3%85M%G		1	€ 5,50	€ 5,50	

11	different colors of 2mm wire	wiring	1	1	:b1b38ad4-944d-4128-a483-b26c04000f99:XKMK56Z9SCNTBPEEM72&pf_rd_p=	€ 13,95	€ 13,95
12	Resistor set elegoo	basic components	1	1	https://www.amazon.com/Elegoo-Values-R https://www.amazon.co.uk/EL	€ 11,99	11,99
	Total			11			€ 130,27

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