

Class	1MCT3
First Name:	Andreas
Name	Maerten
Project Name :	<u>Non-Contact Water Dispenser</u>
Assembly Revision :	<u>05</u>
Approval Date :	_____
Part Count :	<u>11</u>
Total Cost :	<u>€126</u>

Part #	Part Name	Description	Revision	Qty
	Raspberry Pi 4 (2/4GB)	Raspberry Pi 4 was used but older or newer version should work as well...	01	1
	Photo resistor		01	1
	S8050		05	1
	Ultrasonic Distance Sensor		04	1
	RFID-RC522 (kit)		01	1
	Leds (Multi Pack)	Green, Yellow and Red leds are only used	01	1
	Water Pump	Peristaltic Liquid Pump with Silicone Tubing - 12V DC Power	01	1
	LCD 1602		01	1
	Buzzer (5/3V)		01	1
	PCF8574		03	1

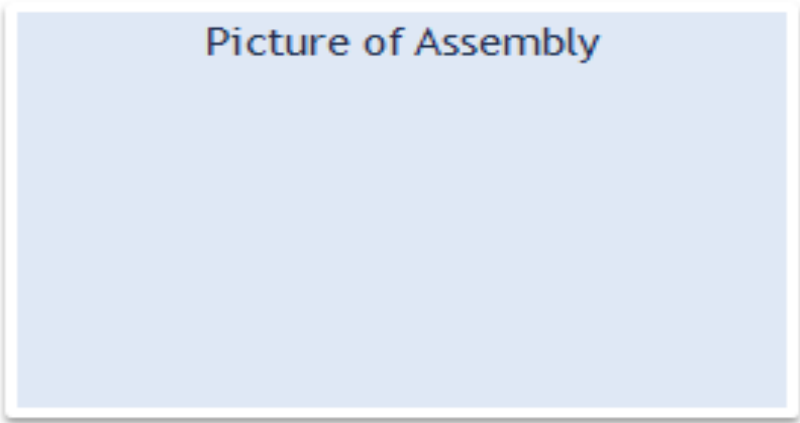
MCP3008

03

1

**Total**

**11**



(picture can only be added with END delivery of pro

Supplier	also available from	Units	Unit Cost
		1	€ 40.00
<a href="https://www.adafruit.com/product/4296">https://www.adafruit.com/product/4296</a>	<a href="https://shorturl.at/FIMS4">shorturl.at/FIMS4</a>	1	€ 0.95
<a href="https://www.adafruit.com/product/161">https://www.adafruit.com/product/161</a>		1	€ 0.50
<a href="https://www.reichelt.com/be/nl/remote-8-bit">https://www.reichelt.com/be/nl/remote-8-bit</a>		1	€ 3.95
<a href="https://www.adafruit.com/product/4007">https://www.adafruit.com/product/4007</a>		1	€ 14.99
<a href="https://shorturl.at/tADXY">shorturl.at/tADXY</a>	<a href="https://shorturl.at/prlRV">shorturl.at/prlRV</a>	1	€ 4.95
<a href="https://www.adafruit.com/product/4203">https://www.adafruit.com/product/4203</a>		1	€ 24.95
<a href="https://www.adafruit.com/product/1150">https://www.adafruit.com/product/1150</a>		1	€ 10.95
<a href="https://www.adafruit.com/product/1447">https://www.adafruit.com/product/1447</a>		1	€ 0.95
<a href="https://www.adafruit.com/product/1536">https://www.adafruit.com/product/1536</a>		1	€ 1.78
<a href="https://www.reichelt.com/be/nl/remote-8-bit">https://www.reichelt.com/be/nl/remote-8-bit</a>			

<https://www.reichelt.com/be/nl/10-bits-seri->

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Max Cost	Real Cost
€ 60.00	€ 40.00
€ 0.95	€ 0.95
€ 2.00	€ 0.50
€ 3.95	€ 3.95
€ 14.99	€ 14.99
€ 4.95	€ 4.95
€ 24.95	€ 24.95
€ 10.95	€ 10.95
€ 0.95	€ 0.95
€ 2.00	€ 1.78

€ 3.00 € 2.14

**€ 125.69**