

	Project	Salmon-Robotics-Mighty-Mouse					
	<u>Entry for the 1ST PANHELLENIC OPEN ROBOTICS COMPETITION.</u>						
	Group	Robo-car					
Item	Group	Name	Specs - cm	Qty	Μονάδα	ποσύνολο	ΣΗΜΕΙΩΣΗ
1	robot	Plywood base	12x10 cm ?	2	0	0	
2	robot	Βίδες -Παξιμάδια	Διάφορα	20	0	0	
3	robot	mpu6050	<a href="https://www.invensense.com/products/motion-tracking/6-axis/mpu-6050/">https://www.invensense.com/products/motion-tracking/6-axis/mpu-6050/</a>	1	4.9	4.9	<a href="https://grobotronics.com/gy-521-mpu6050-3-axis-gyroscope-and-accelerometer-imu.html">https://grobotronics.com/gy-521-mpu6050-3-axis-gyroscope-and-accelerometer-imu.html</a>
4	robot	ESP32 Micro Controller	<a href="https://www.espressif.com/en/products/hardware/esp32-devkitc/overview">https://www.espressif.com/en/products/hardware/esp32-devkitc/overview</a>	1	16.8	16.8	<a href="https://grobotronics.com/esp32-development-board-esp32-devkitc-32d.html">https://grobotronics.com/esp32-development-board-esp32-devkitc-32d.html</a>
5	robot	Distance Sensor	<a href="https://learn.adafruit.com/adafruit-vl53l0x-micro-lidar-distance-sensor-breakout">https://learn.adafruit.com/adafruit-vl53l0x-micro-lidar-distance-sensor-breakout</a>	1	18.8	18.8	<a href="https://grobotronics.com/adafruit-vl53l0x-time-of-flight-distance-sensor-30-to-1000mm.html">https://grobotronics.com/adafruit-vl53l0x-time-of-flight-distance-sensor-30-to-1000mm.html</a>
6	robot	Dual Motor Driver Carrier	<a href="https://www.pololu.com/product/713/">https://www.pololu.com/product/713/</a>	1	5.5	5.5	<a href="https://grobotronics.com/tb6612fng-dual-motor-driver-carrier.html">https://grobotronics.com/tb6612fng-dual-motor-driver-carrier.html</a>
7	robot	Voltage Regulator	<a href="https://www.pololu.com/product/2562/">https://www.pololu.com/product/2562/</a>	1	5.5	5.5	<a href="https://grobotronics.com/pololu-5v-1.4a-step-up-voltage-regulator-u3v12f5-2115.html">https://grobotronics.com/pololu-5v-1.4a-step-up-voltage-regulator-u3v12f5-2115.html</a>
8	robot	Micro Metal Gearmotors	<a href="https://www.pololu.com/product/2562/">https://www.pololu.com/product/2562/</a>	2	8.9	17.8	<a href="https://grobotronics.com/micro-metal-gearmotor-extended-back-shaft-420rpm.html">https://grobotronics.com/micro-metal-gearmotor-extended-back-shaft-420rpm.html</a>
9	robot	Encoder Pair Kit	<a href="https://www.pololu.com/product/2591">https://www.pololu.com/product/2591</a>	1	11.2	11.2	<a href="https://grobotronics.com/magnetic-encoder-pair-kit-12-cpr-2.7-18v-hpcb-compatible.html">https://grobotronics.com/magnetic-encoder-pair-kit-12-cpr-2.7-18v-hpcb-compatible.html</a>
10	robot	Wheels	<a href="https://www.pololu.com/product/1425">https://www.pololu.com/product/1425</a>	2	11	22	<a href="https://grobotronics.com/pololu-wheel-70x8mm-pair-black.html">https://grobotronics.com/pololu-wheel-70x8mm-pair-black.html</a>
11	robot	Ball Castors	<a href="https://grobotronics.com/ball-caster-metal.html">https://grobotronics.com/ball-caster-metal.html</a>	2	1.6	3.2	<a href="https://grobotronics.com/ball-caster-metal.html">https://grobotronics.com/ball-caster-metal.html</a>
12	robot	AA battery pack	<a href="https://grobotronics.com/3x-with-wires.html">https://grobotronics.com/3x-with-wires.html</a>	1	0.55	0.55	<a href="https://grobotronics.com/3x-with-wires.html">https://grobotronics.com/3x-with-wires.html</a>
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