Report Title

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1 Section 1

1.1 Subsection 1

[1]

Component	Device
Controller Microcontroller	STM32L432KC*
Receiver Microcontroller	STM32F429ZI
Brushless DC Motors	A2212 BLDC Motors
BLDC Motor ESC	Generic no-name 30A ESC
Brushed DC Motor	Dunkermotoren PLG24
Brushed DC Motor Driver	L298N
Controller Batteries	18650 Li-Ion Batteries
Buzzer	Generic no-name buzzer
12V Regulator	12V Fixed LDO*
5V Regulator	12V Fixed LDO*
3V Regulator	12V Fixed LDO*

*selected due to constrains caused by silicon shortage.

Table 1: Component Selection

Details on how the controller microcontroller software and hardware was developed and interfaced within the scope of the project can be found in §**??** and §**??** respectively.

Details on how the receiver microcontroller software and hardware was developed and interfaced within the scope of the project can be found in §**??** and §**??** respectively.

Details on how the ESCs were interfaced with can be found in §**??**.

Details on how the L298N was interfaced with can be found in §**??**.

Detailed on how the 12V, 5V, and 3V Regulators were interfaced with can be found in §**??**.

References

[1] I. M. Team. (Sep 2016) The 7 principles, themes and processes of prince2. [Online]. Available: https://www.prince2.com/uk/blog/the-7-principles-themes-and-processes-of-prince2

A Appendix 1