

## Title: CAR VERSUS OTHER CARS

Singh, Satish

### Intro

Which car will we choose and why?

In this paper you will get a clear answer as to why we choose our car.

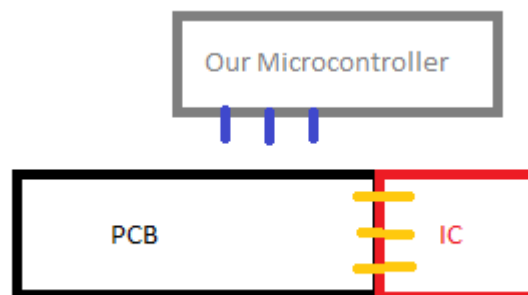
### Information And Conclusion

So for us the most important part of the car is the way the PCB is structured.

We needed a simple PCB -> IC connection so we could "hijack" a few pins and connect our own microcontroller (that on his turn will be connected with Wi-Fi).

We will connect the orange pins to the blue pins so we can simulate the PC on our Microcontroller.

Small design:



We opted for a car that had an electric motor instead of a nitro motor to prevent accidents.

More specific a brushed motor simply because the price is way lower than a brushless motor.

We didn't give too much attention to the more specific details of the car.

Things like the servo and ESC were all pure to be accepted in the form they came in.

If we wanted to design the car ourselves we would have taken a car with a servo that is energy efficient and also with ESC.

The specifications of the car we chose

Speed: 7km/h ( we will probably not go this high )

Range: 30meters



## Referencelist

<https://www.bol.com/nl/p/m-asia-1-24-la-ferrari-rc-car/9200000073427479/?suggestionType=searchhistory&bltgh=8b1d2845-b425-4f3e-949e-7023e7e10dea.2.13.ProductTitle>