**RC Car**

RC Car (Alpha): 250$

RC Car (Fox P2): 240$

[1/10 Scale NOS Deegan 38 4WD Rally Car: Optimus(F17)](https://traxxas.com/products/models/electric/NOS-Deegan-38-Rally?t=overview)

[Traxxas 1/10 Slash 2WD RTR](https://www.amazon.com/Traxxas-Slash-Course-2-4GHZ-Vehicle/dp/B01DU474B0/ref=sr_1_3?ie=UTF8&qid=1474747759&sr=8-3&keywords=Traxxas+1%2F10+slash+2wd) : Tata Nano(F17), Viserion(F17), Rolling Thunder(F17) (NO BATTERY INCLUDED) : 230$

***https://www.amazon.com/Redcat-Racing-Terremoto-10-Brushless-Electric/dp/B013XAU39G/ref=sr\_1\_19?keywords=rc+cars+1%3A10&qid=1552762198&s=gateway&sr=8-19#customerReviews***

**CAN Transceivers**

[MCP2551-I/P](https://www.microchip.com/wwwproducts/en/en010405): Alpha(F17) , Fox-P2(F17), Tata Nano(F17), Optimus(F17), Viserion(F17) , Rolling Thunder(F17) :Free Samples

Done by vatsal

**Sonar Sensor**

[LV-MaxSonar-EZ1 Ultrasonic Range Finder](https://www.amazon.com/Maxbotix-MB1010-LV-MaxSonar-EZ1-Range-Finder/dp/B00A7YGVJI): Alpha (F17), Tata Nano(F17), Viserion(F17): 33.55$

[RPLidar A1M8 - 360 Degree Laser Scanner Development Kit](https://www.robotshop.com/en/rplidar-a1m8-360-degree-laser-scanner-development-kit.html) : Tata Nano(F17): 100$ (SENSOR CONTROLLER FOR OBSTACLE DETECTION)

[Maxbotix Ultrasonic Rangefinder - HRLV-EZ0 - HRLV-EZ0](https://www.adafruit.com/product/983): 34$ (F17:\_Vindicators100)

[**LIDAR-Lite v3**](https://www.sparkfun.com/products/14032?gclid=Cj0KCQiAyNjRBRCpARIsAPDBnn0GnaqJe6gJ5Gs-IPcdaK7bMNm84HijAJq2pN4yFJr7TMiIbl3-HbkaApdcEALw_wcB)**:130$ (Sensor Controller): Vindicators100(F17)**

[MB1240 XL-MaxSonar EZ4 Ultrasonic Sensor](https://www.amazon.com/gp/product/B00A7YH1RE/ref=oh_aui_detailpage_o00_s00?ie=UTF8&psc=1): , Rolling Thunder(F17) : 40$

<https://www.amazon.com/RPLiDAR-A1M8-Degree-Laser-Scanner/dp/B07H7X3SFF/ref=sr_1_fkmrnull_1?crid=2FSUI76G4UA8K&keywords=rplidar+a1m8+-+360+degree+laser+scanner+development+kit&qid=1552764172&s=gateway&sprefix=RPlidar%2Caps%2C263&sr=8-1-fkmrnull>

<https://www.robotshop.com/en/rplidar-a1m8-360-degree-laser-scanner-development-kit.html>

**Bluetooth Sensor**

[**Bluetooth (HC 05)- Hiletgo**](https://www.amazon.com/Bluetooth-Wireless-Transceiver-Module-Arduino/dp/B07MDVDM4K/ref=sr_1_8?keywords=hc05+2pcs&qid=1552759063&s=gateway&sr=8-8) **: Alpha (F17), Tata Nano(F17), Viserion(F17): 11.05$ for 2pcs**

[RN42-XV Bluetooth Module - PCB Antenna](https://www.sparkfun.com/products/retired/11601): Fox-P2(F17) (NOT FOR NEW DESIGNS)

[SparkFun Bluetooth Modem - BlueSMiRF Gold](https://www.sparkfun.com/products/12582) : Optimus (F17) : 30$

**RPM Sensor**

[**Traxxas RPM sensor (6520):**](https://www.amazon.com/Traxxas-6520-RPM-Sensor-long/dp/B006IRXEZM) **Fox-P2(F17), Tata Nano(F17), Viserion(F17) , Rolling Thunder(F17): 12$**

**GPS Sensor**

Venus638FLPx : Alpha(F17)

[Adafruit Ultimate GPS Breakout](https://www.adafruit.com/product/746): Fox-P2(F17), Tata Nano(F17): 40$

[DJI NAZA-M V2 GPS Module](https://www.amazon.com/DJI-NAZA-M-V2-GPS-Module/dp/B00O11YQXQ/ref=sr_1_5?ie=UTF8&qid=1513760869&sr=8-5&keywords=naza+gps) : Optimus(F17): 110$

[Readytosky M8N GPS Module w/ Built-in HMC5883L Compass Protective Case with GPS Antenna Mount for Pixhawk V2.4.6 V2.4.8 Flight Controller](https://www.amazon.com/Readytosky-NEO-M8N-HMC5883L-Protective-Controller/dp/B01KK9A8QG/ref=sr_1_1?s=toys-and-games&ie=UTF8&qid=1512282642&sr=1-1&keywords=Readytosky+Ublox+NEO-M8N+GPS+Module+w%2F+Built-in+HMC5883L+Compass+Protective+Case+with+GPS+Antenna+Mount+for+Pixhawk+V2.4.6+V2.4.8+Flight+Controller) : Viserion(F17): 28$

[Icstation NEO-M8N GPS Module](https://www.amazon.com/gp/product/B0748HKDS6/ref=ox_sc_act_title_5?smid=A243HB0NZWY05K&psc=1): Rolling Thunder(F17): 32$

**Vidushi will try to arrange this**

[**https://www.u-blox.com/en/product/max-8-series**](https://www.u-blox.com/en/product/max-8-series) **- 30 dollar**

[**https://www.ebay.com/i/173501691207?chn=ps**](https://www.ebay.com/i/173501691207?chn=ps) **\_ GPS Antenna**

**Compass Sensor**

[**CMPS11/CMPS12**](https://www.dfrobot.com/product-1275.html)**: Alpha(F17), Fox-P2(F17), Tata Nano(F17) , Rolling Thunder(F17) , Rolling Thunder(F17): 30$**

[IMU SparkFun 9DoF Razor IMU M0](https://www.sparkfun.com/products/14001) : Viserion(F17): 29$

[Triple-axis Accelerometer+Magnetometer (Compass) Board - LSM303](https://www.adafruit.com/product/1120): Vindicators100(F17) : 15$

**LCD**

[Graphics LCD Display- 4D Systems](https://www.4dsystems.com.au/product/uLCD_32PTU/): Alpha(F17) , Fox-P2(F17), Tata Nano(F17) , Rolling Thunder(F17):: 79$

**Battery**

[Battery for RC Car](https://www.amazon.com/Traxxas-7600mAh-7-4V-2-Cell-Battery/dp/B00S1R0VEY/ref=sr_1_7?s=toys-and-games&ie=UTF8&qid=1474748332&sr=1-7&keywords=traxxas+battery) :75$ (Tata Nano(F17) Viserion(F17)).........[Battery Charger](https://www.amazon.com/Traxxas-2970-EZ-Peak-Charger-Identification/dp/B00OAFYLJC/ref=pd_bxgy_21_img_2?ie=UTF8&psc=1&refRID=JVX791WVV9Y8T9DW92KW) : 50$(Tata Nano(F17) Viserion(F17))

[Lithium Ion Polymer Battery - 3.7v 2500mAh](https://www.adafruit.com/product/328) : 15$ (Tata Nano-F17)

[PowerBoost 1000 Charger - Rechargeable 5V Lipo USB Boost @ 1A - 1000C](https://www.adafruit.com/product/2465): 20$ (Tata Nano-F17)

[Lumenier LU-1800-4-35 1800mAh 35c Lipo Battery](https://www.amazon.com/dp/B00OYQLKEG/ref=cm_sw_r_cp_apa_l4foAb2K21B87) (F17:\_Vindicators100)

**Battery - Vidushi Will Arrange**

[**https://mfimedical.com/products/edan-rechargeable-lithium-battery-4400-mah?variant=19992355459&gclid=CjwKCAjwvbLkBRBbEiwAChbckV2yDYgBD48wIIQXVSUGFOHL2U\_hKZ1TKmOh7c1K41S0Pe5hlyHc1RoCjlAQAvD\_BwE**](https://mfimedical.com/products/edan-rechargeable-lithium-battery-4400-mah?variant=19992355459&gclid=CjwKCAjwvbLkBRBbEiwAChbckV2yDYgBD48wIIQXVSUGFOHL2U_hKZ1TKmOh7c1K41S0Pe5hlyHc1RoCjlAQAvD_BwE)

PCB

[uxcell 4 Pcs Prototype Universal PCB Print Circuit Board](https://www.amazon.com/gp/product/B01IX0ZK1C/ref=ox_sc_act_title_7?smid=A1THAZDOWP300U&psc=1) : 16.71$ (Rolling Thunder-F17)

**Connecting cables - Halak will check**

**DB9 Connector - Vidushi**