

Websites to Purchase Parts for Course Project

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- **Vendors in town (shipping can be fast):**

1. iheartengineering.com (Located in Sunset Park of Brooklyn. Free shipping coupon will be provided.) *Updates: unfortunately iheartengineering shut down in May 2014. Good luck to Bill Morris, the founder of iheartengineering, my old buddy in CCNY Robotics Lab.*
2. Adafruit.com (Officed around City Hall with address of 80 Nassau St. Suite4C, New York, NY 10038. Plant and warehouse are located in west SoHo. Adafruit was ranked #1 in NYC by Inc. 5000 "fastest growing private companies" in 2014. No local storefront for physical shopping, and order must be made online. But shipping is fast.)
3. TinkerSphere.com (a fine electronics and hardware store located in East Village. Good news: it has a local store which is close to Cooper Union with address of 304 E5th St. in Manhattan although it is quite small.)

- **Top Vendors (out of town) with broad collections:**

1. SparkFun.com (one of the best robotics and electronics vendors in the US, **highly recommended!** Has a large collections of Arduino, Arduino Shield, sensors, electronic/electrical parts, ... Located in Utah)
2. DFRobot.com (a fast growing game changer located in Shanghai, open source, large collection, offers very good price and fast shipping through DHL, **highly recommended!**)
3. SeeedStudio.com (another fast growing game changer located in Shenzhen, China. Open source, good price, just similarly good as DFRobot, but with even more collections! Recognized by Intel. **highly recommended!**)
4. Pololu.com (another good electronics and robotics vendors in US, **highly recommended!**)
5. RobotShop.com
6. www.jameco.com/Jameco/robot/robotstore.html (The robot store of Jameco, one of the top electronics vendors, see below.)
7. RobotMarketplace.com (a fine vendor, located in Florida)

- **Top 3 Electronics Vendors (nation-wide): Plenty of ICs, electronic devices, passive/active components, and electrical supplies:**

1. digitkey.com
2. newark.com
3. mouser.com (also has many types of sensors)
4. jameco.com

- **Other Related Sites:**

1. HobbyEngineering.com
2. Parallax.com
3. Acroname.com
4. Makeshed.com (The official store of the Maker Magazine. Associated with the project sites of Maker Magazine: makeprojects.com)

- **The Ultimate Two “Bad Boys”:**

1. eBay.com (Good to order mechanical parts and electrical supplies, but not ICs, Arduino, etc. Pay attention to the shipping.)
2. Amazon.com (Pay close attention to the remark of “Sold by ...”. Suggest ordering items only sold by Amazon itself.)