

Bill of material

Quantity	Parts	Price(\$)	Website
1	Soldering iron	39.99	
1	Solderless breadboard	2.90	
600	Resistors	0.05*10= 0.5	
1	Arduino Uno R3	3.50	
50	LEDS	3.50	

Websites

LEDS: https://www.dfrobot.com/product-877.html?gclid=Cj0KCQjwka_1BRCPARIsAMlUmEolvjzXH6-RkfsX4fiXXAenk5u2gNC2Y6J5arwL7ccXxBNMMy58-LKYaArkJEALw_wcB

Arduino: https://www.ebay.com/i/311601832959?chn=ps&norover=1&mkevt=1&mkrid=711-117182-37290-0&mkcid=2&itemid=311601832959&targetid=883584567266&device=c&mkttype=pla&googleloc=9032979&poi=&campaignid=6469750552&mkgroupid=92738162767&rlsatarget=pla-883584567266&abclid=1141176&merchantid=101638797&gclid=Cj0KCQjwka_1BRCPARIsAMlUmEoDL65rVzIVCywA1eYAHesgQu8EX_22HMt37OI0eslv_Rd2-VCyTzcaArmIEALw_wcB

Resistors: https://www.banggood.com/Wholesale-Geekcreit-600pcs-30-Kinds-Value-1-14W-Metal-Film-Resistor-Assorted-Kit-20pcs-Each-Value-p-53320.html?utm_source=googleshopping&utm_medium=cpc_organic&gmcCountry=US&utm_content=shopping&utm_campaign=us-pc¤cy=USD&createTmp=1&utm_source=googleshopping&utm_medium=cpc_bgs&utm_content=frank&utm_campaign=frank-ssc-us-toys-tool-ele-newcustom-ncv80-0116&ad_id=411455834827&gclid=Cj0KCQjwka_1BRCPARIsAMlUmEqJrpYCbmMW1X-DKxuv2bN2GOIs2AWFtgF1j6ZyxbFKdHedUpp4l8aAgA5EALw_wcB&cur_warehouse=CN

Solderless breadboard: https://www.dfrobot.com/product-371.html?gclid=Cj0KCQjwka_1BRCPARIsAMlUmEq8aXLRjkxCILeemD9S_uMMDiO--oFzbJy1pxfqbnwJQYNT8PRw_eSaAsVtEALw_wcB

Soldering iron: https://www.bozunsmate.com/products/grab-your-60w-110v-soldering-iron-kit-adjustable-temperature-solder-tool-set?variant=33067467079815&utm_medium=cpc&utm_source=google&utm_campaign=Google%20Shopping&gclid=Cj0KCQjwka_1BRCPARIsAMlUmEpcfIK5YPyoJ0UjjGDZwfnTcWg2kbGD5O0deJhKZtYX_b3GqCfnBlaAsgsEALw_wcB