ECEN 5803 Kits

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| Item # | Quantity | Part Number | Description | Source | ~Cost ea  USD |
| 1 | 1 | [377-2094-ND](http://www.digikey.com/product-detail/en/BB-32621/377-2094-ND/4156445) | Solderless Breadboard | Digikey | 4.5 |
| 2 | 4 | [401-1969-ND](http://www.digikey.com/product-detail/en/D6C90%20F1%20LFS/401-1969-ND/1466326) | PushButton Switch | Digikey | 0.82 |
| 3 | 1 | [BKWK-3-ND](http://www.digikey.com/product-detail/en/WK-3/BKWK-3-ND/5231342) | Jumper Wire Kit | Digikey | 3.5 |
| 4 | 5 | CF18JT330RCT-ND | Resistor 330 0hm | Digikey | .065 |
| 5 | 5 | CF18JT1K00CT-ND | Resistor 1K 0hm | Digikey | .065 |
| 6 | 5 | CF18JT10K0CT-ND | Resistor 10K 0hm | Digikey | .065 |
| 7 | 2 | 3386P-103TLF-ND | Potentiometer 10k | Digikey | 2.17 |
| 8 | 1 | [433-1105-ND](http://www.digikey.com/product-detail/en/SP-1704/433-1105-ND/3973692) | Speaker | Digikey | 3.4 |
| 9 | 1 | [DS1631+](http://www.digikey.com/product-detail/en/DS1631%2B/DS1631%2B-ND/1197060) | DS1631 Temperature Sensor | Digikey or Mouser | 3.40 |
| 10 | 1 | SN74HC595N  [296-33112-5-ND](http://www.digikey.com/product-detail/en/CD74HC595E/296-33112-5-ND/1507396) | Shift Register DIP | Mouser  Digikey | 0.47 |
| 11 | 1 | NHD-0216HZ-FSW-FBW-33V3C | LCD | Digikey or Mouser | 10.20 |
| 12 | 1 | Jameco Part no. 34712 | 5.25” Long nose Pliers | Jameco | 4.95 |
| 13 | 1 | C5SMF-RJS-CT0W0BB2CT-ND | RED LED | Digikey | 0.21 |
| 14 | 2 | Vishay [K104K10X7RF5UH5](http://www.digikey.com/product-detail/en/K104K10X7RF5UH5/BC2665CT-ND/2356879) | 0.1 uF Capacitor | Digikey | 0.15 |
| 15 | 2 | Vishay K103K10X7RF5UH5 | 0.01 uF Capacitor | Digikey | 0.18 |
| 16 | 2 | 2N3906TFR or eq. | PNP Transistor TO92 | Digikey or Mouser | .20 |
| 17 | 2 | 2N3904BU or eq. | NPN Transistor TO92 | Digikey or Mouser | .20 |