

## ELE 404 Lab Kit

| Item  | Quantity | Part No.                  | Description                         |
|-------|----------|---------------------------|-------------------------------------|
| 1-4   | 2 each   | 10r, 100r, 1M0, 10M       | ¼ Watt 5% Resistor                  |
| 5-8   | 2 each   | 910r, 9k1, 91k, 910k      | ¼ Watt 5% Resistor                  |
| 9-10  | 2 each   | 1k2, 12k                  | ¼ Watt 5% Resistor                  |
| 11-12 | 2 each   | 1k5, 15k                  | ¼ Watt 5% Resistor                  |
| 13-14 | 2 each   | 180r, 180k                | ¼ Watt 5% Resistor                  |
| 15-19 | 2 each   | 220r, 2k2, 22k, 220k, 2M2 | ¼ Watt 5% Resistor                  |
| 20-22 | 2 each   | 270r, 2k7, 27k            | ¼ Watt 5% Resistor                  |
| 23-25 | 2 each   | 330r, 33k, 330k           | ¼ Watt 5% Resistor                  |
| 26-27 | 2 each   | 390r, 3k9                 | ¼ Watt 5% Resistor                  |
| 28-30 | 2 each   | 470r, 4k7, 47k,           | ¼ Watt 5% Resistor                  |
| 31-33 | 2 each   | 560r, 5k6, 56k            | ¼ Watt 5% Resistor                  |
| 34    | 2        | 62k                       | ¼ Watt 5% Resistor                  |
| 35-37 | 2 each   | 680r, 6k8, 68k            | ¼ Watt 5% Resistor                  |
| 38-39 | 2 each   | 820r, 820k                | ¼ Watt 5% Resistor                  |
| 40-42 | 5 each   | 91r, 1k0, 3.3k            | ¼ Watt 5% Resistor                  |
| 43-44 | 10 each  | 10k, 100k                 | ¼ Watt 5% Resistor                  |
| 45    | 2        | 0.022uF                   | Ceramic Capacitor 223               |
| 46    | 2        | 0.01uF                    | Ceramic Capacitor 103               |
| 47    | 6        | 0.1uF                     | Ceramic Capacitor 104               |
| 48    | 4        | 1.0uF                     | Ceramic Capacitor 105               |
| 49    | 2        | 100uF                     | 35V Electrolytic Capacitor Radial   |
| 50    | 4        | 10uF                      | 35V Electrolytic Capacitor Radial   |
| 51    | 4        | 1N4004                    | SI-Rectifier Diode                  |
| 52    | 10       | 1N4148                    | Small Signal Diode                  |
| 53    | 2        | 1N4729A                   | Zener Diode 3.6 Volt                |
| 54    | 2        | 1N4735                    | Zener Diode 6.2 Volt                |
| 55    | 2        | 2N3904                    | BJT Transistor NPN                  |
| 56    | 2        | 2N3906                    | BJT Transistor PNP                  |
| 57    | 4        | BU-60                     | Standard Alligator Clip             |
| 58    | 1        | Hook up Wire              | #22 1 Meter long                    |
| 59    | 1        | TL-305                    | BNC to Alligator Clip Test lead     |
| 60    | 1        | OP-60B                    | 60Mhz Scope Probe 10:1 Circuit Test |
| 61    | 1        | 1k Trim Pot               | Mini Trim pot                       |
| 62    | 2        | 10k Trim Pot              | Mini Trim pot                       |
| 63    | 10       | Test Leads                | Alligator Clip Test Leads           |
| 64    | 5        | SSL-LX5093HD              | Red LED                             |
| 65    | 2        | MCL053GD                  | Green LED                           |