

# Mr Carlson's Lab

## Capacitor Leakage Tester Parts List:

### “Basic Build”

- **2N3904 X2**
- **9 Volt Batteries X3**
- **9 Volt Battery Clips X3**
- **SPST Switch (Toggle) X2**
- **SPDT Push Button Switch X1**
- **High Brt Green LED X1**
- **High Brt Red LED X1**
- **2.4KΩ ½ Watt X2**
- **4.7KΩ ½ Watt X1**
- **10KΩ ½ Watt X1**
- **82KΩ ½ Watt X1**
- **22MΩ ½ Watt X4**
- **.001μF 50V Ceramic X2**
- **.01μF 50V Ceramic X1**

**Add these components for the “Advanced Build”**

- **LM3915N (LED Display Driver) X1**
- **Standard Red LED's “Of Your Choice” X10**
- **Standard Green LED “Of Your Choice” X1**
- **2N3906 X2**
- **1N4007 X1**
- **220Ω ½ Watt X1**
- **470Ω ½ Watt X1**
- **500Ω Variable Resistor X1**
- **2.4KΩ ½ Watt X2**
- **10KΩ ½ Watt X1**
- **2.2MΩ ½ Watt X1**
- **100μF 50V Electrolytic X1**

#### NOTE:

Keep an eye on “Parts List Updates.” Check back now and then to see if any parts have been added.

Thursday, March 15, 2018