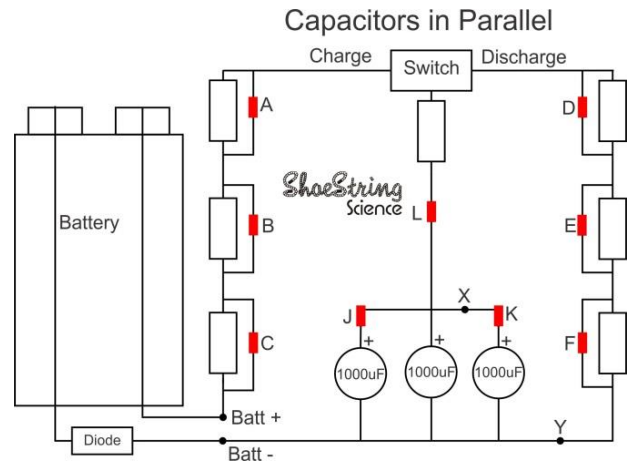
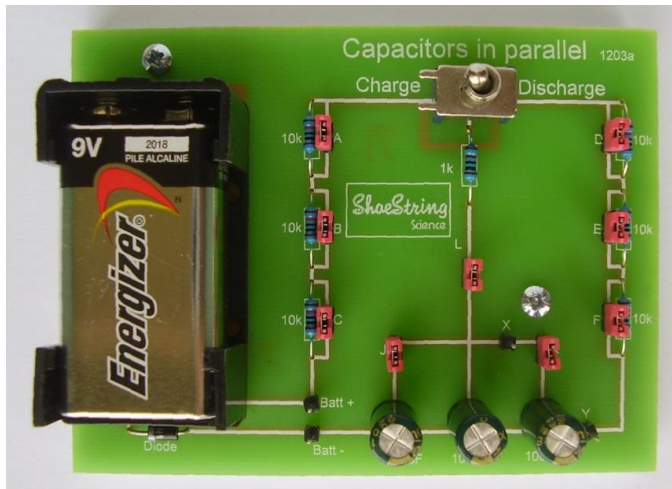


# 1203 Capacitors in parallel Apparatus



Features :

- Charging resistance selectable – 1k /11k/21k/31k
- Discharging resistance selectable – 1k/11k/21k/31k
- Capacitance selectable – 1000uF/2000uF/ 3000uf
- Observe voltage charge and discharge curves
- Observe current charge and discharge curves
- Diode to protect against battery reversal

For any selected value of capacitance there are four possible charging and discharging time constants available. Eg if you select 2000uF capacitance, and 11k for the charging side and 1k for the discharging side, then the charging time constant will be 22s and the discharge time constant will be 2s. This enables the capacitors to be quickly discharged for repeat observations.

Use the two-wire jumper provided to replace the red jumper at L. Connect the wires to an ammeter to observe charging and discharging currents.

