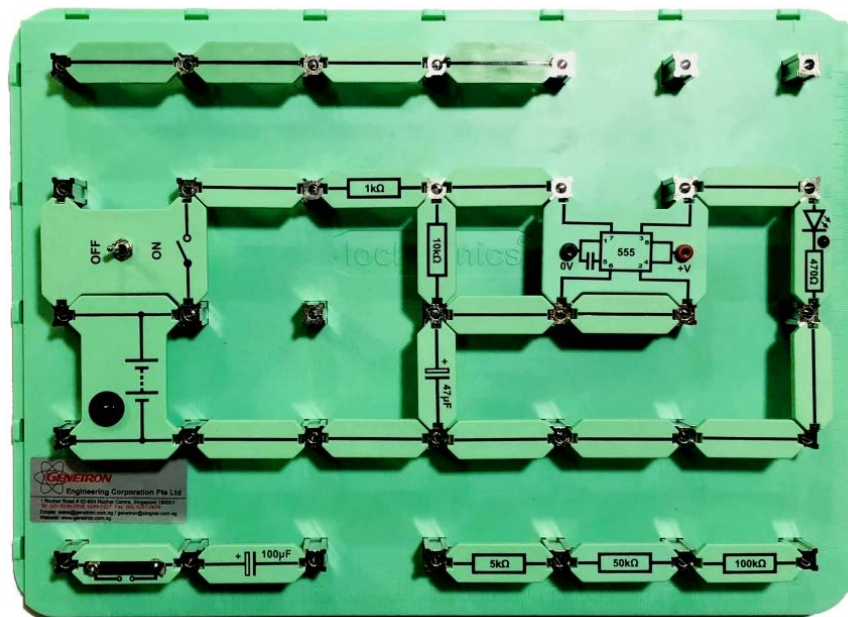


# locktronics 555 TIMER KIT



Picture for illustration purpose only.

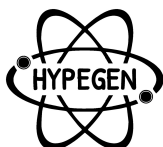
This bundled kit provides an introduction to the 555 timer circuit (monostable/ astable).

## Why Choose Locktronics

- Makes learning easier
- Extensive free online curriculum
- Rugged and reliable
- Covers range of subject areas
- Vast range of components
- Sturdy storage for solutions
- More instruments available
- Minimal assembly required



| Components included |                                  |   |                                          |    |                           |
|---------------------|----------------------------------|---|------------------------------------------|----|---------------------------|
| 1                   | 7 x 5 baseboard with 4mm pillars | 1 | Power supply carrier with battery symbol | 1  | Power supply              |
| 1                   | Capacitor, 100μF, 25V            | 1 | Capacitor, 47μF, Electrolytic, 25V       | 1  | Resistor, 1KΩ, 0.5W, 5%   |
| 1                   | Resistor, 5KΩ, 0.25W, 5%         | 1 | Resistor, 10KΩ, .25W, 5%                 | 1  | Resistor, 50KΩ, 0.25W, 5% |
| 1                   | Resistor, 100KΩ, 0.25W, 5%       | 1 | 555 timer carrier                        | 15 | Connecting link           |
| 1                   | Push-to-make switch carriers     | 1 | Switch on/off toggle                     | 1  | LED, red                  |
| 1                   | 4mm to 4mm stackable banana plug |   |                                          |    |                           |



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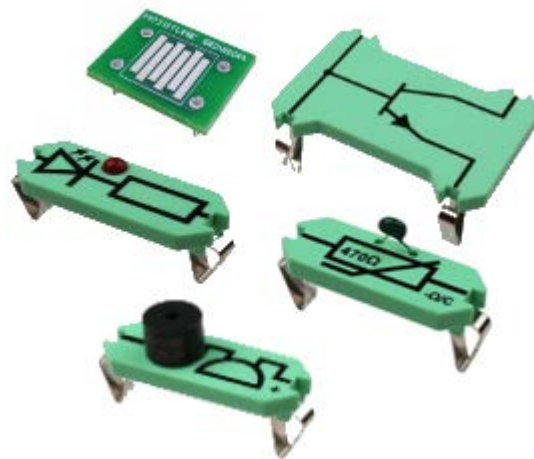


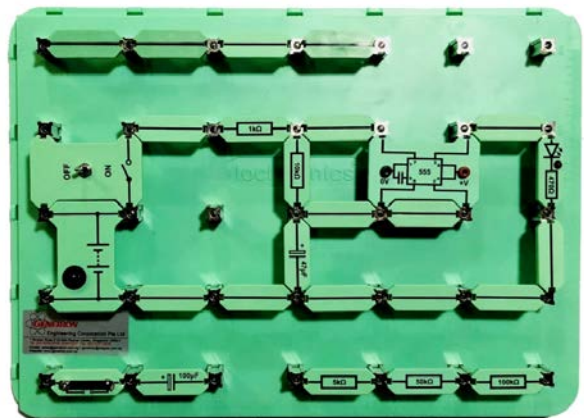
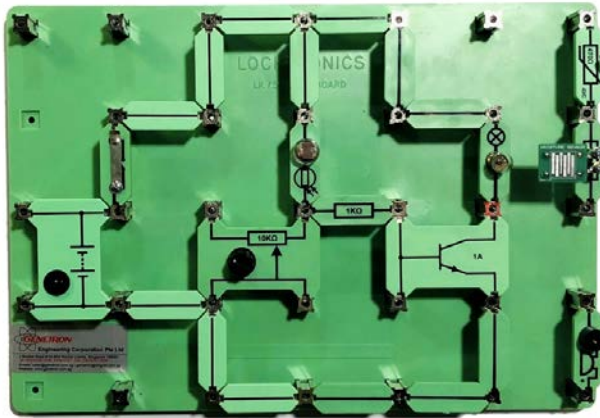
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This bundled kit provides an introduction to moisture sensing circuit, light sensing circuit, temperature sensing circuit.

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Pictures for illustration purpose only.

This special bundled kit provides an introduction to both moisture sensing circuit, light sensing circuit, temperature sensing circuit and 555 timer circuit (monostable/ astable).

## Why Choose Locktronics

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- Vast range of components
- Sturdy storage for solutions
- More instruments available
- Minimal assembly required



| Components included |                                                                       |   |                                          |   |                                       |
|---------------------|-----------------------------------------------------------------------|---|------------------------------------------|---|---------------------------------------|
| 1                   | 7 x 5 baseboard with 4mm pillars                                      | 1 | Power supply carrier with battery symbol | 1 | Power supply                          |
| 1                   | Capacitor, 100 $\mu$ F, 25V                                           | 1 | Capacitor, 47 $\mu$ F, Electrolytic, 25V | 1 | Resistor, 1K $\Omega$ , 0.5W, 5%      |
| 1                   | Resistor, 5K $\Omega$ , 0.25W, 5%                                     | 1 | Resistor, 10K $\Omega$ , .25W, 5%        | 1 | Resistor, 50K $\Omega$ , 0.25W, 5%    |
| 1                   | Resistor, 100K $\Omega$ , 0.25W, 5%                                   | 1 | Potentiometer, 10K $\Omega$              | 1 | 555 timer carrier                     |
| 15                  | Connecting link                                                       | 1 | Push-to-make switch carriers             | 1 | Switch on/off toggle                  |
| 1                   | Transistor RHF, NPN                                                   | 1 | LDR sensor                               | 1 | Thermistor, 470 $\Omega$ , NTC        |
| 1                   | LED, red                                                              | 1 | Buzzer, 6V, 15mA                         | 1 | MES bulb, 6V, 0.06A + Lampholder, MES |
| 1                   | Thermistor and moisture sensor PCB + Fuse/universal component carrier | 1 | 4mm to 4mm stackable banana plug         |   |                                       |

