

# Datasheet:



## HACKING ELECTRONICS MEGA KIT

We have expanded the original Hacking Electronics Starter Kit to produce the Hacking Electronics **Mega** Kit. This will provide you with a good set of components allowing you to make many of the projects in the book Hacking Electronics, as well as providing a great basic kit of parts to get you started on your electronics adventure.



### Hacking Electronics Mega Kit Packing List.

#### Bag 1. Resistors

- 100 $\Omega$  0.5W (brown, black, brown)
- 5 x 100 $\Omega$  0.25W (brown, black, brown)
- 10 x 270 $\Omega$  (red, purple, brown)
- 10 x 470 $\Omega$  (yellow, purple, brown)
- 10 x 1k (brown, black, red)
- 5 x 4.7k (yellow, purple, red)
- 5 x 10k (brown, black, orange)
- 5 x 270k (red, purple, yellow)
- 5 x 470k (yellow, purple, yellow)
- 10k Trimpot
- 1k Photoresistor
- 1k thermistor

#### Bag 2. Capacitors

- 5 x 100nF capacitor
- 470nF
- 5 x 1 $\mu$ F
- 10 $\mu$ F 16V
- 5 x 100 $\mu$ F 16V

**Bag 3. Semiconductors**

5 x 2N3904 transistor  
FQP30N06L transistor  
3 x 1N4001 diode  
3 x Red LED  
3 x Green LED  
3 x Yellow LED  
White LED  
RGB common cathode LED  
555 Timer IC  
7805 Voltage regulator IC  
LM311 Comparator IC  
TMP36 temperature sensor

**Bag4. Motors**

6V motor  
9g servomotor

**Bag 5. Miscellaneous**

5V relay  
Strip of 20 male header pins  
Buzzer  
2 x 2-pin push switches  
slide switch  
2-way 3A screw terminal  
Battery to DC jack lead  
Battery clip lead  
Red solid core wire 30cm  
Black solid core wire 30cm  
Orange solid core wire 30cm  
Raspberry Leaf

**Loose in Box**

Multimeter & test leads  
400 Point breadboard  
MonkMakes Protoboard  
Set M-M jumpers (10)  
Set M-F jumpers (10)  
Set F-F jumpers (10)  
4xAA battery holder

For support, please contact [support@monkmakes.com](mailto:support@monkmakes.com)

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