

# 33316-MP

## Arduino Experimenters Kit

### Content List:

1 x UNO control board  
1 x Fixed board  
1 x LED light  
1 x Resistor  
1 x Jumper cable (10cm)  
1 x Jumper cable (20cm)  
1 x DuPont line (20cm)  
1 x USB cable (139cm)  
1 x Small breadboard  
1 x 400 holes breadboard  
1 x Battery box (6 x AA, 15cm-cable)  
4 x Button switches  
1 x RGB LED light  
3 x Photoresistors  
1 x Flame sensor  
2 x Buzzers  
1 x Temperature sensor  
2 x Tilt switches  
1 x IR receiver  
1 x Adjustable resistor  
1 x 74HC595  
1 x Remote controller  
1 x 1-digit seven-segment display  
1 x 4-digit seven-segment display  
1 x 8x8 dot matrix  
1 x 9g servo  
1 x 1602 screen  
1 x Stepper motor (23cm-cable)  
1 x Motor driver board  
1 x Stepper  
1 x Temperature humidity module  
1 x Clock module

### USEFULL LINKS

<https://www.arduino.cc/>  
<https://www.arduino.cc/en/Guide/HomePage>  
<https://www.arduino.cc/en/Main/Software>  
<https://www.arduino.cc/en/Tutorial>HelloWorld>  
<https://www.arduino.cc/en/Tutorial/ShiftOut>  
<http://haneefputtur.com/7-segment-4-digit-led-display-sma420564-using-arduino.html>  
<http://haneefputtur.com/rgb-led-fading-using-arduino-board-and-keyes-rgb-led.html>  
<https://www.sparkfun.com/datasheets/IC/SN74HC595.pdf>  
<https://www.ti.com/lit/ds/symlink/lm35.pdf>  
<http://www.instructables.com/id/ARDUINO-TEMPERATURE-SENSOR-LM35>  
[http://www.lucky-light.com/Dot\\_Matrix\\_LED\\_Displays/8x8\\_Dot\\_Matrix/KWM-30881.pdf](http://www.lucky-light.com/Dot_Matrix_LED_Displays/8x8_Dot_Matrix/KWM-30881.pdf)  
<https://asset.conrad.com/media10/add/160267/c1/-/en/001571478DS01/datasheet-1571478-tru-components-os-1638-ir-receiver-non-standard-axial-lead-38-khz-940-nm-45.pdf>

Information including Drawings, Schematics, Links and Code (Software) Supplied or Referenced in this Document is supplied by MPJA inc. as a service to our customers and accuracy or usefulness is not guaranteed nor is it an Endorsement of any particular part, supplier or manufacturer. Use of information and suitability for any application is at users own discretion and user assumes all risk.

Information Subject to Change Without Notice  
All rights are retained by the respective Owners/Author(s)



**MARLIN P. JONES & ASSOC., INC.**

P.O. Box 530400 Lake Park, FL 33403  
800-652-6733 FAX 561-844-8764  
WWW.MPJA.COM