# Game of Life
# Schematic Diagram

DC - 5V @ 4A



| 16x32 LED Matrix | Arduino Uno |
|---|---|

Vcc

R1 — 1 — D2 — 5V
G1 — 2 — D3
B1 — 3 — D4
R2 — 5 — D5
G2 — 6 — D6
B2 — 7 — D7
A — 9 — A0
B — 10 — A1
C — 11 — A2
CLK — 13 — D8
LAT — 14 — A3
OE — 15 — D9
GND — 4 — D13
GND — 8 — D11
GND — 12 — D12
GND — 16 — GND

4700 µf

GND

330 Ω

-  +

LED

Mode Switch

Set Switch

10kΩ

10kΩ