

# Arduino Mega Chessboard

## Parts List

- 64 x AD024-10E:  
2.8 mT, 4.5 – 30 V **GMR Switch**, 3 x 3 mm TDFN  
*nve.com* online store
- 64 x AG035-06: **TDFN Demo PCB**  
*nve.com* online store
- **Arduino Mega 2560**
- **I<sup>2</sup>C LCD Display** (20x 4, NHD-0420D3Z or similar)
- **PAM8403 Audio Amplifier Board**
- 2 x 3 Watt / 8  $\Omega$  Miniature **Speakers**