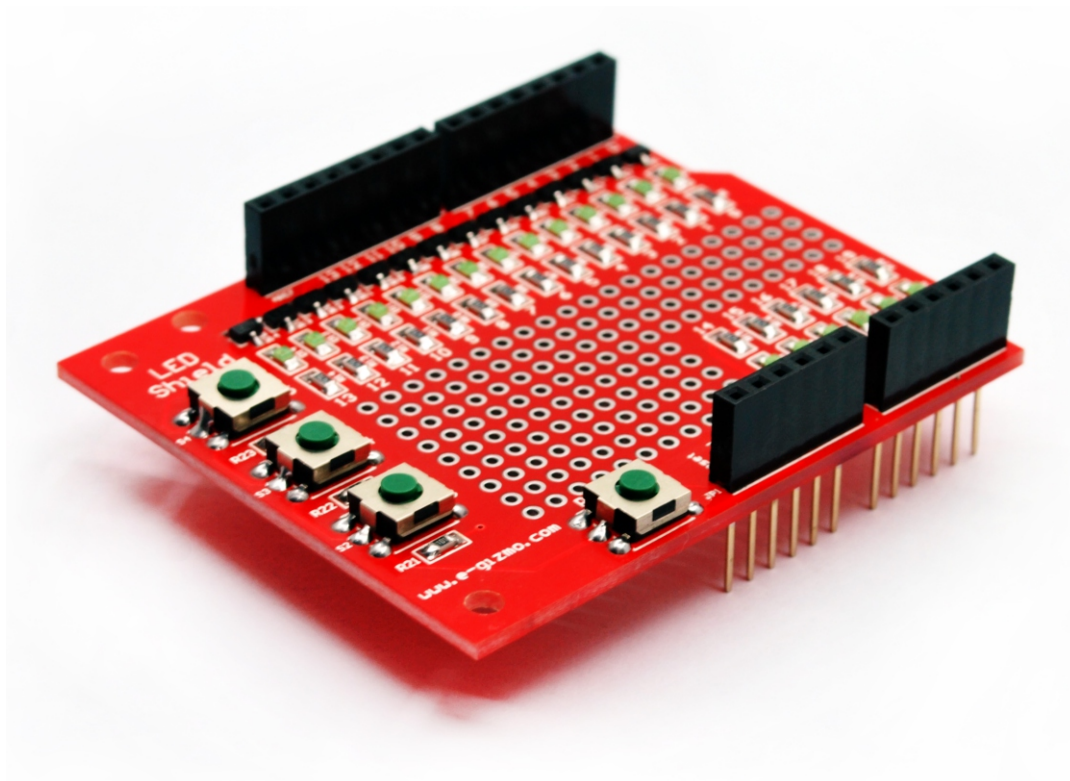


LED Shield 2v0

Hardware Manual Rev 1r0



FEATURES

20 LEDs programmable with 3 analog switches installed directly to the shield with a reset button.

Includes:

- 20 LEDs
- 3 Tact Switch
- Reset Button
- Prototyping Area
- Gizduino Compatible shield

MAJOR COMPONENTS PRESENTATION

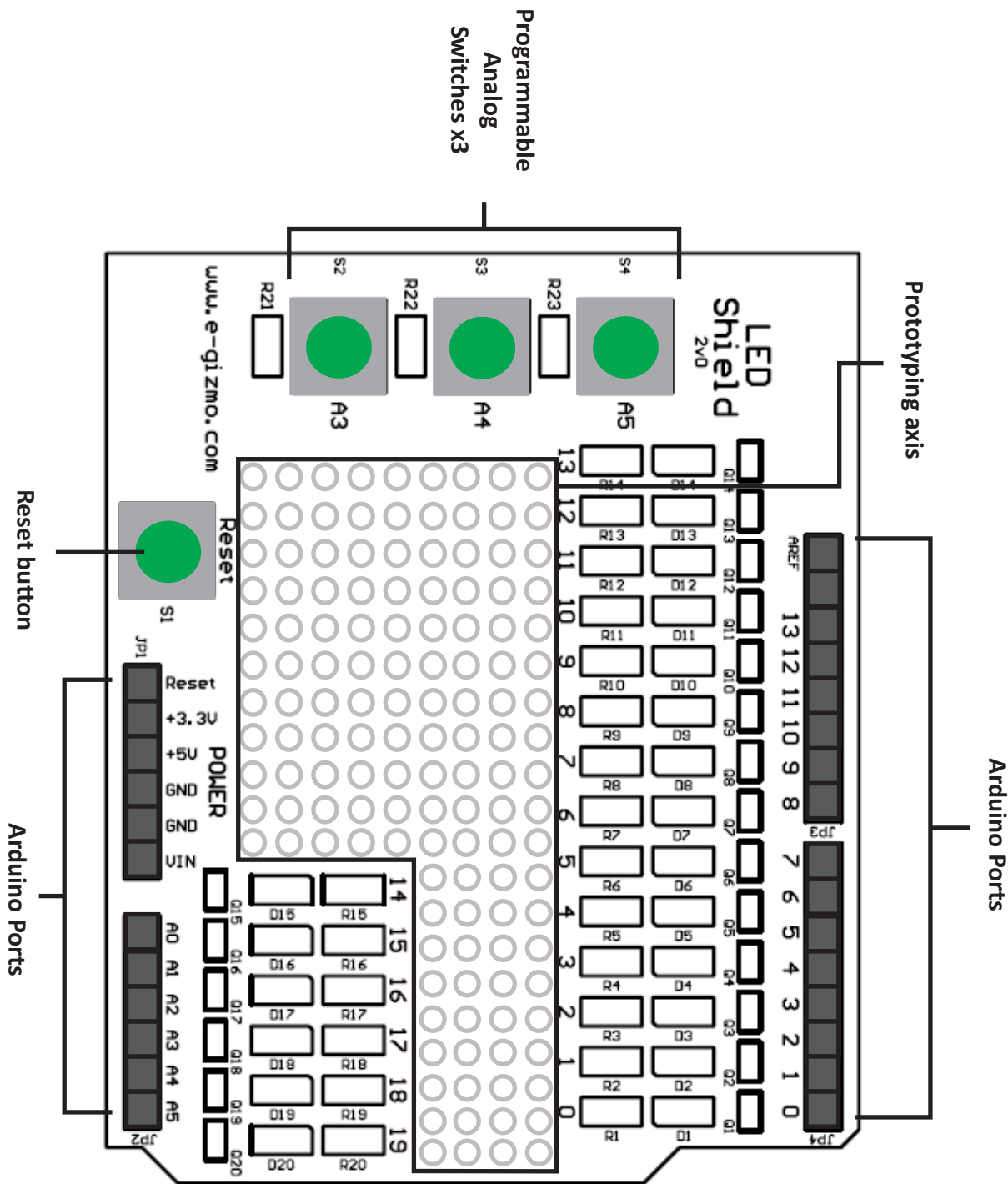


Figure 1. LED Shield 2v0 & its Major Components with Details.

SCHEMATIC DIAGRAM

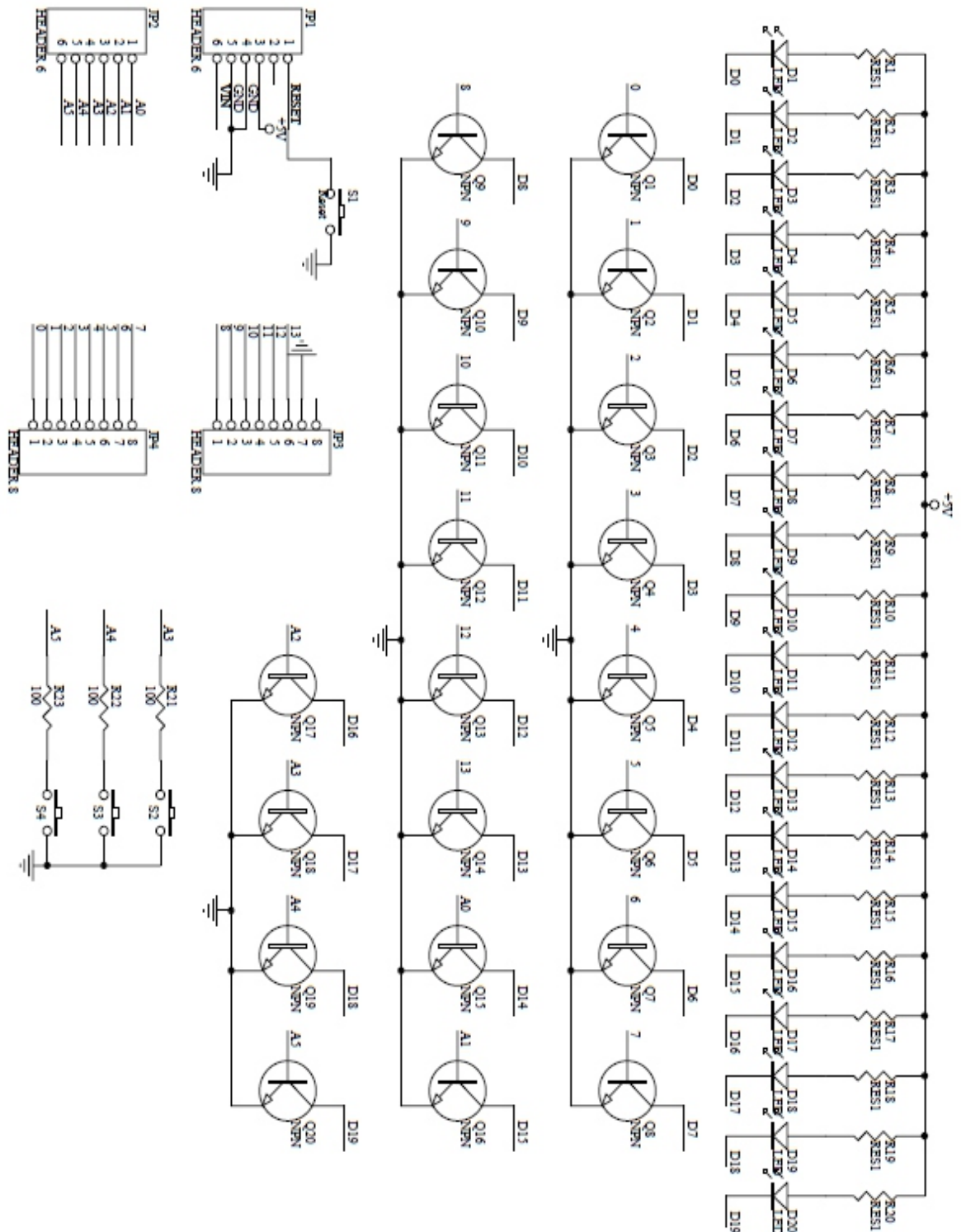
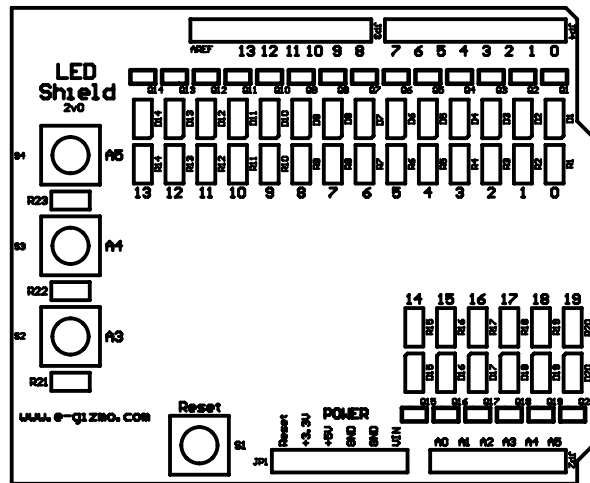
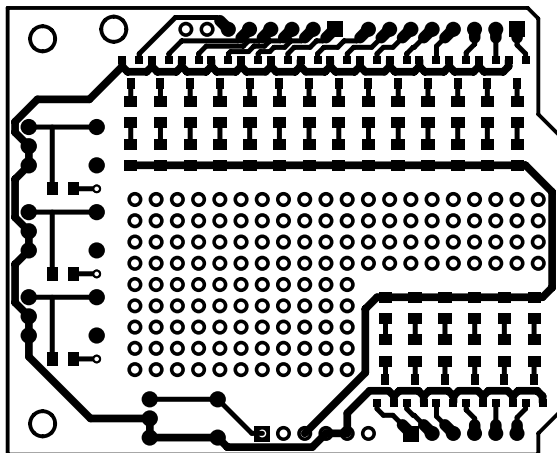


Figure 2. LED Shield 2v0 Schematic Diagram

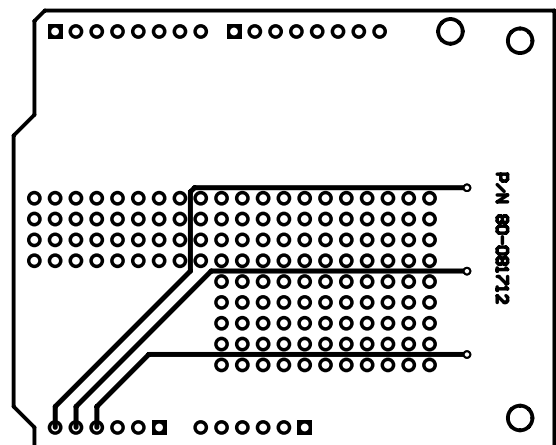
PCB BOARD PRESENTATION



*Figure 3. LED Shield 2v0 PCB
(Silkscreen layout)*



*Figure 4. LED Shield PCB
Copper Pattern (Top Layer)*



*Figure 5. LED Shield PCB
Copper Pattern (Bottom Layer)*