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| Title SIMPLE WIRING SCHEMATIC | | |
| Size A4 | Number | Revision |
| Date: 02/11/2015 | Sheet of | |
| File: C:\NEPER\WS2812 SIMPLE WIRING SCHEMATIC.DOC | Doc | |

| Comment | Description | Designator | Footprint | LibRef | Quantity |
|------------------|---|------------|--------------------|-------------------------|----------|
| SMD | SMD Capacitor | C1, C2 | CAP_1206 | CAP_SMD | 2 |
| Cap. Elet. | Capacitor Radial Eletrolitico | C3 | CAP ELE RAD 11mm H | CAP_RADIAL_ELETROLITICO | 1 |
| SMD | SMD Capacitor | CU1 | CAP_1210 | CAP_SMD | 1 |
| WS2812 CJMCU-8X8 | WS2812 LED Matrix | DM1 | CJMCU-8X8 | WS2812 CJMCU-8X8 | 1 |
| ATmega328-PA-PU | 8-Bit AVR Microcontroller with 8K Bytes of In-System Programmable Flash Memory | U1 | 28P3 | ATmega328-PA-PU | 1 |
| 16Mhz | Crystal Oscillator | X1 | XTAL HC49-4H | XTAL | 1 |