|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Адрес | -->>-- | Цепь | **A2**  **ESP-01 with adapter**  **( Wi-Fi )** |
| --- | A1/D3 | RX\* |  |
| --- | A1/D4 | TX |  |
| --- | A4/+5V | VCC |  |
| --- | A4/GND | GND |  |
|  |  |  |  |

Схема соединений SmartLamp1 ( 26.08.2019 )

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A1**  **Arduino**  **NANO**  **( CPU )** | Цепь | -->>-- | Адрес |  |
|  | TX1 |  | --- |
|  | RX0 |  | --- |
|  | RST |  | --- |
|  | GND | A4/GND | --- |
|  | D2 | A5/Zero | --- |
|  | D3 |  | --- |
|  | D4 |  | --- |
|  | D5 | A3/RST | --- |
|  | D6 | A3/CLK | --- |
|  | D7 | A3/DAT | --- |
|  | D8 | A2/RX | --- |
|  | D9 | A2/TX | --- |
|  | D10 |  | --- |
|  | D11 |  | --- |
|  | D12 | A6/Control | --- |
|  | D13 |  | --- |
|  | 3V3 |  | --- |
|  | REF |  | --- |
|  | A0 |  | --- |
|  | A1 |  | --- |
|  | A2 |  | --- |
|  | A3 |  | --- |
|  | A4 |  | --- |
|  | A5 |  | --- |
|  | A6 |  | --- |
|  | A7 |  | --- |
|  | 5V |  | --- |
|  | RST |  | --- |
|  | GND2 |  | --- |
|  | VIN |  | --- |
|  | USB |  | --- |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Адрес | -->>-- | Цепь | **A6**  **PWR control unit** |
| **---** | A1/D12 | Control | Управ. симмистором |
| **---** |  | +5V |  |
| **<---** | Сеть 220 | IN |  |
| **>---** | нагрузка | OUT |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Адрес | -->>-- | Цепь | **A3**  **MH Real Time Clock Module 2**  **( RTC )** |
| **---** | A4/+5V | VCC |  |
| **---** | A4/GND | GND |  |
| **---** | A1/D6 | CLK |  |
| **---** | A1/D7 | DAT |  |
| **---** | A1/D5 | RST\* |  |
|  |  |  |  |

**------- |[]|------|**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Адрес | -->>-- | Цепь | **A4**  **Power unit**  **( +5V )** |
| **---** | A1/5V, A3/VCC  A2/VCC | +5V |  |
| **---** | A1/GND, A2/GND, A3/GND, | GND |  |
| **---** | Сеть 220 | ~220V |  |
| **---** | Сеть 220 | ~220V |  |

**SW1**

**------ / ------|**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Адрес | -->>-- | Цепь | **A5**  **Zero Cross Unit** |
| --- | A1/D2 | Zero | Эммитер |
| --- |  | GND | Коллектор |
| --- | Сеть 220 | ~220V |  |
| --- | Сеть 220 | ~220V |  |
|  |  | | |

\* - первый провод шлейфа.