

AC-Powerwall Control Unit - List of Pins

| Module Name | Module Pin | Mega-Pin |
|------------------------|------------|---------------|
| Max 485 | RE/DE | 47 |
| | RO | RX1 |
| | DI/DE | TX1 |
| Rotary Encoder | CLK | v2: 43 v3: 2 |
| | DT | v2: 44 v3: 3 |
| | SW | 45 |
| DS3231 | SDA | SDA |
| | SCL | SCL |
| DHT11 | | v2: 3 v3: 4 |
| Ethernet | CS | v3: 47 |
| Mosfet Modul green | SIG | 5 |
| Mosfet Modul red | SIG | 6 |
| Mosfet Modul yellow | SIG | 7 |
| Relay 4-way | CH1 | 34 |
| | CH2 | 35 |
| | CH3 | 36 |
| | CH4 | 37 |
| Relay 2-way | CH1 or CH5 | 38 |
| | CH2 or CH6 | 39 |
| SD-Module | MISO | 50 |
| | MOSI | 51 |
| | SCK | 52 |
| | CS | 53 |
| 12-way switch (Mode) | 1 | 22 |
| | 2 | 23 |
| | 3 | 24 |
| | 4 | 25 |
| | 5 | 26 |
| | 6 | 27 |
| | 7 | 28 |
| | 8 | 29 |
| | 9 | 30 |
| | 10 | 31 |
| | 11 | 32 |
| | 12 | 33 |
| LED Screen | SDA | SDA |
| | SCL | SCL |
| ADS1115 ADC (A0) | SDA | SDA |
| (unused A-Pins to GND) | SCL | SCL |
| ESP-01 | TX | RX2 |
| | RX | TX2 |
| Temp Probes | | v3: A7,A9,A11 |