- **X1** – screw terminal for external charger. Pin #1 is live wire (typically red), pin #2 is ground wire (typically black).
- **X2** – screw terminal for power sources. Pin #1 is for live wire of power source #1 (typically red), pin #3 is for live wire of power source #2 (typically red), and pin #2 is for ground wires of both sources (typically black).
- **X3** – GPIO connector. The PCB has holes for all 40 pins, while the connector itself, located on the bottom side of the PCB, takes the first 34 pins only. The pin #1 is marked with small square.
- **D7** – RGB status LED. Indicates the actual voltage level of the power source. Blue light means battery full, green light means battery good, red light means battery low (discharged), flashing red light shows that shutdown is in progress.
- **D8, D9** – two green LEDs showing the power sources status, D8 for source #1, D9 for source #2. Steady light means battery full, flashing light means battery discharged, light off means battery not connected.
- **D10** – green LED showing the charger gate status. Steady light means the gate is open, otherwise the gate is closed. *The battery connected as source #2 can be charged only when the gate is open.*
- **D11** – flashing red LED showing high power consumption (close to 2.5A or higher). It is off at lower consumption.
- **SW1** – power switch. Pressed for 2 seconds turns MoPi on, pressed for 3 seconds starts MoPi shutdown. Pressed for 10 seconds turns MoPi immediately off.
- **EXT.SW** – soldering pads for external power switch.
- **EXT.RLY** – soldering pads for external 5V relay. +5V is for live wire, GND is for ground wire.