DIY QI Charger with Digital Monitoring

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02. +12V Input

03. +5V Power Supply

04. Microcontroller Programming

05. Microcontroller

06. ADC Drivers

07. OLED Display

08. Capacitive Touch Sensors

09. USB UART Isolation

10. USB UART Bridge

11. Status LEDs

12. Temperature Sensors

13. QI Controller

14. QI Interface

15. Mechanical

POS12 Input POS12_Input.sch POS5 Power Supply POS5_Power_Supply.sch Microcontroller Programming Microcontroller_Programming.sch <u>Microcontroll</u>er Microcontroller.sch ADC Drivers ADC_Drivers.sch OLED Display OLED_Display.sch Capacitive Touch Sensors Capacitive_Touch_Sensors.sch USB UART Isolation USB_UART_Isolation.sch USB UART Bridge USB_UART_Bridge.sch Status LEDs 1 Status LEDs 1.sch Temperature Sensors Temperature_Sensors.sch QI Controller QI_Controller.sch QI Interface

QI_Interface.sch Mechanical

Mechanical.sch



























