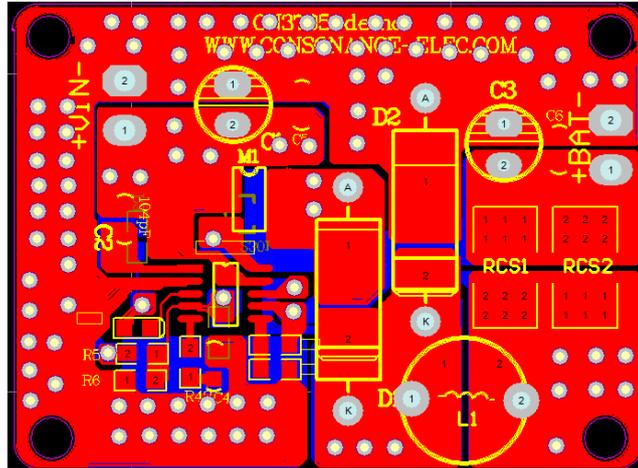


Quick Start of CN3795 Demo Board

1、 Overview

The CN3795 demo board is for the purpose of fast evaluation of CN3795.

2、 PCB Layout of CN3795 Demo Board



3、 Component List and Descriptions

No.	Name	Description
1	VIN+	Positive Terminal of Input Power Supply.
2	VIN-	Negative Terminal of Input Power Supply (GND).
3	BAT+	Positive Terminal of Battery.
4	BAT-	Negative Terminal of Battery (GND).
5	M1	The P-Channel MOSFET, the device SOP8 package or SOT23-3 package can be used.
6	CN3795	The Charger IC CN3795.
7	D1,D2,	Schottky Diodes.
8	RED	The LED for Charging Status Indication.
9	L1	The Inductor.
10	RCS1,RCS2	The Charge Current Sense Resistors. Use one or both depending on the charge current and the resistors' size.
11	C1, C5	The Input Bypassing Capacitor.
12	C2	Ceramic Capacitor. The capacitance is 100nF.
13	C3, C6	Output Capacitor.
14	C4	The Closed-loop Compensation Capacitor. The capacitance is 220nF.
15	R1, R2	The Constant Charge Voltage Setting Resistors.
16	R3	The LED Current Limiting Resistor.
17	R4	The Closed-loop Compensation Resistor. The resistance is 120 ohms.
18	R5, R6	The Maximum Power Point Voltage Setting Resistors.