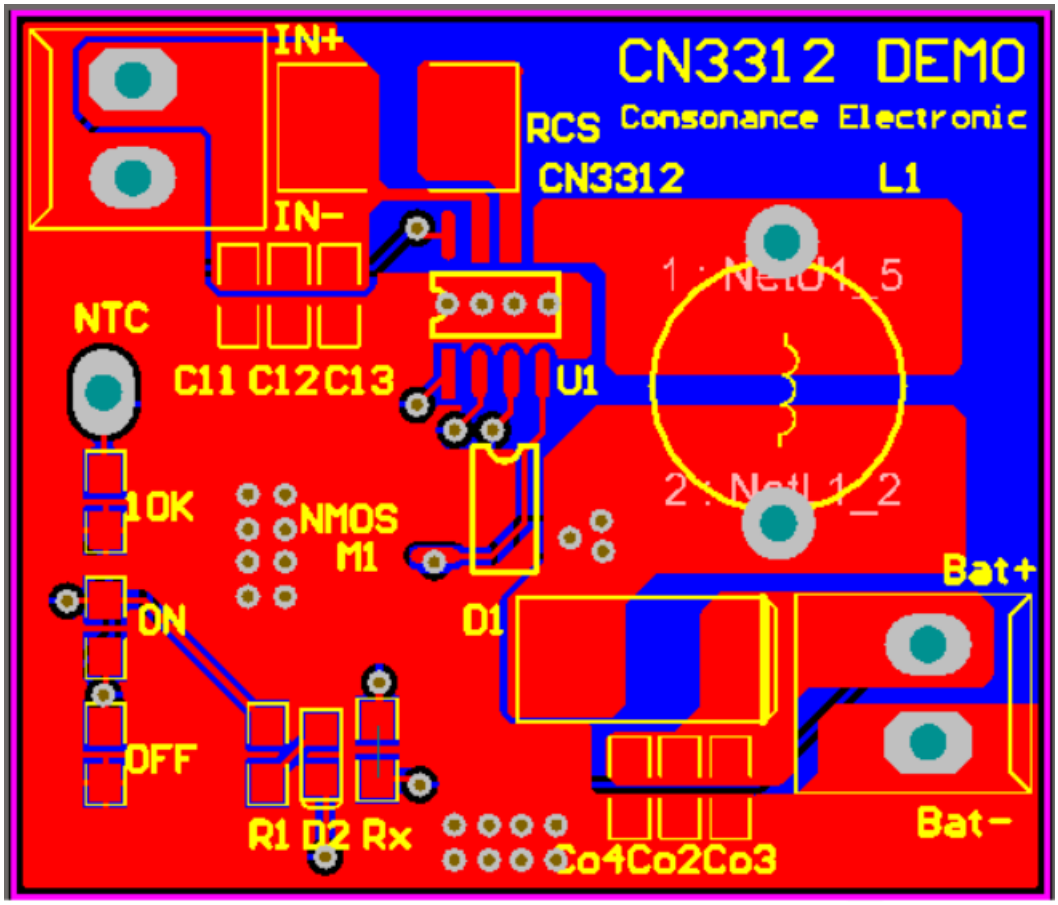
Quick Start to CN3312 Demo Board

1. Introduction

Customers can use the CN3312 demo board for evaluation and debugging. A complete charging circuit can be built according to the components listed below.

2. CN3312 Demo Board



3. Component Description

#	Name	Description
1	IN+	Terminal for Power Input (Positive)
2	IN-	Terminal for Power Input (Ground)
3	BAT+	Connection to Battery Positive Terminal
4	BAT-	Connection to Battery Negative Terminal (Ground)
5	U1	CN3312
6	CE	Jumper (If it is connected to ON, CN3312 will active. If it is connected to OFF, CN3312 will be disable.)
7	R1	Resistor for Charge Termination LED Indicator
8	Rx	Resistor for output voltage, usually using 0 ohms
9	RCS	Current Sense Resistor (Please refer to CN3312 datasheet.)

10	L1	Inductor (Please refer to CN3312 datasheet.)
11	D1	Schottky Diode (Please refer to CN3312 datasheet.)
12	D2	Charge Status LED Indicator
13	M1_1/M1_2	NMOS; One or both are connected. (Please refer to CN3302 datasheet.)
14	C11/C12/C13	Capacitors for Power Input (Please refer to CN3312 datasheet.)
15	Co1/Co2/Co3	Capacitors for Power Output (Please refer to CN3312 datasheet.)