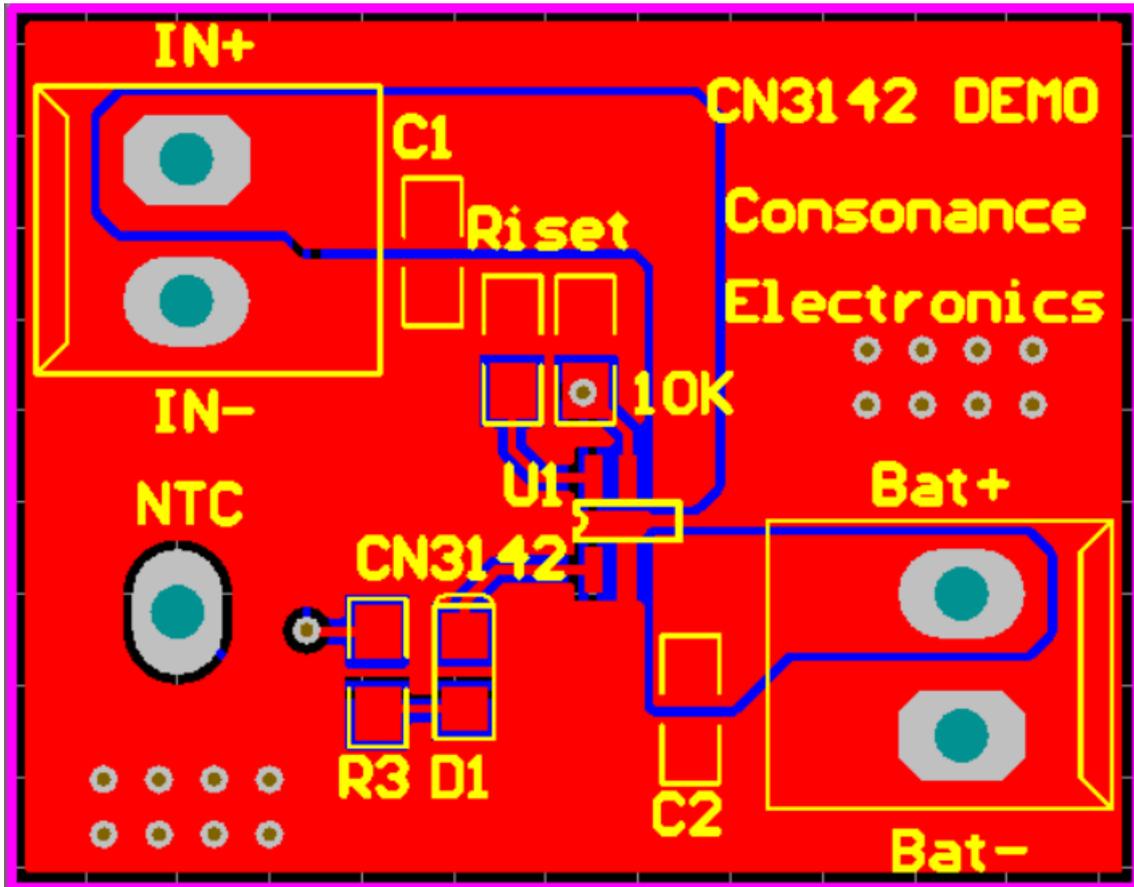


## Quick Start the CN3142 demo board

### 1、 Overview

CN3142 demo board is to meet a variety of circuit design.It can meet the chip type:CN3142, CN3136.

### 2、 CN3142 DEMO



### 3、 List and description of basic components

No.	Name	Description
1	IN+	Input power supply.
2	IN-	Input power and battery ground connection terminal.
3	Bat+	Battery positive connecting terminal.
4	Bat-	Battery negtive connecting terminal.
5	CN3142	CN3142, CN3136
6	Riset	Charging current setting resistors, ICH = 502V / RISET
7	R3	Charge display current limiting resistor, welding when needed.
8	10k	Temperature monitoring shield resistor. When battery temperature

		monitoring is not required, a 10k resistor needs to be welded. If battery temperature monitoring is required, welding is not necessary.
9	C1	Input capacitance.
10	C2	Output capacitance.
11	D1	Charging display diode, welding when needed.
12	D2	CN3052A, CN3152, CN3153, CN3155, CN3162, CN3058E, CN3063, CN3156, CN3157, CN3170 charge display diode, when needed, welding.CN3085 using 0 ohm short circuit, connect sixth pins.CN3082 without welding.
13	NTC	Battery temperature detection NTC resistor connection terminal. Connect a 10k thermistor with a negative temperature coefficient at 25 degrees Celsius.