WPT Charger Coil

Version Control

Ver	Rev	Date	Description	Author	Reviewer	Approver
1.0	A	20/08/2024	Initial Version	J. Evia	M. Ferreira	R. Ercoli

Mechanical & Miscellaneous

ERC reference

Fiducial Markers

BOTTOM

- X104 FIDUCIAL
- X105 FIDUCIAL
- X106 FIDUCIAL

TOP

- X107 FIDUCIAL
- X108 FIDUCIAL
- X109 FIDUCIAL

Mounting holes

- X100 HOLE_UNPLATED_2.3MM
- X101 HOLE_UNPLATED_2.3MM
- X102 HOLE_UNPLATED_2.3MM
- X103 HOLE_UNPLATED_2.3MM

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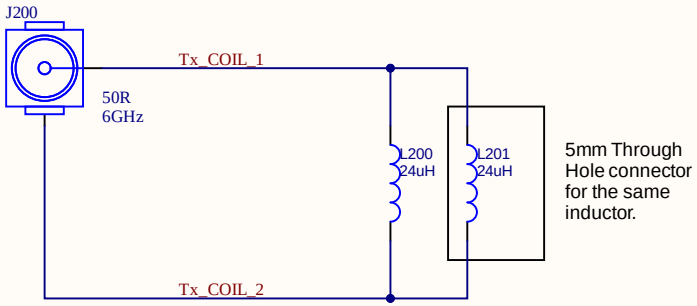
Design Observations

Custom PCB that contains only the coil and NTC thermistor for WPT.

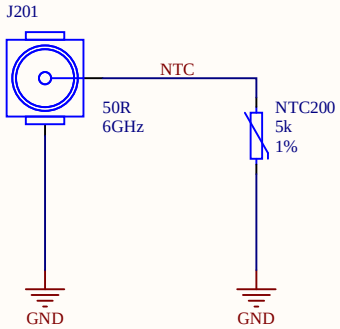
FOCUS	Project: WPTChargerCoil.PrjPcb
Schematic: **Information Coverpage**	Ver: 1.0
Design by: **J. Evia**	Date: **20/08/2024**
Reviewed by: **M. Ferreira**	Date: **20/08/2024**
Comments:	

WPT Coil and Thermistor

Coil



Thermistor



Coil and Thermistor will be placed in a separate PCB compared to the main electronics. Both PCB will be connected through UFL cables.

FOCUS	Project: WPTChargerCoil.PrjPcb
Schematic: **WPT coil and thermistor**	Ver: 1 .0
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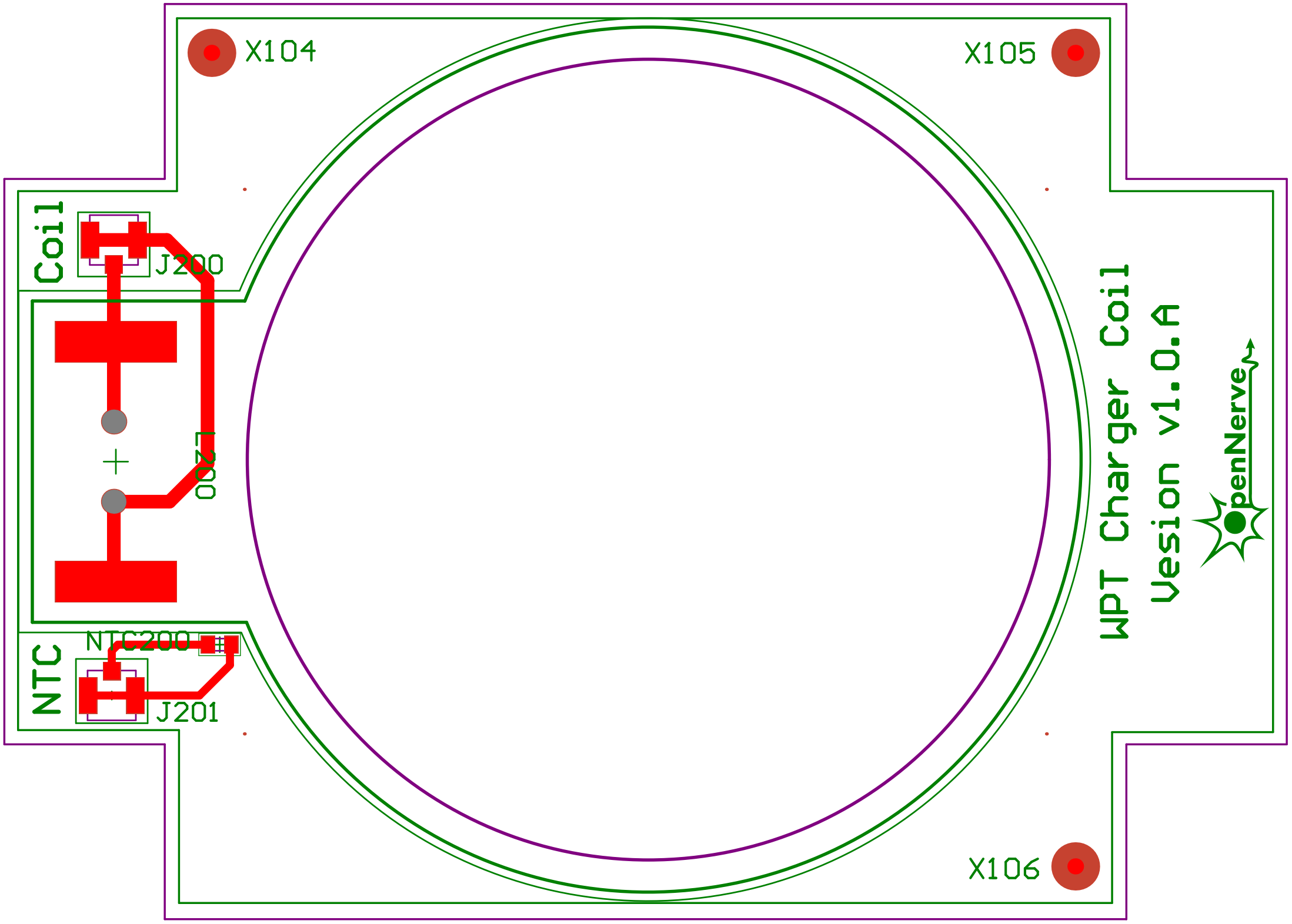
X104
X105
X106
Coil
J200
L200
NTC
NTC200
J201
WPT Charger Coil
Vesion v1.0.A
OpenNerve

X107

X108

X109