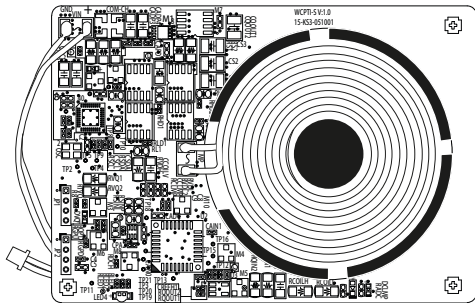


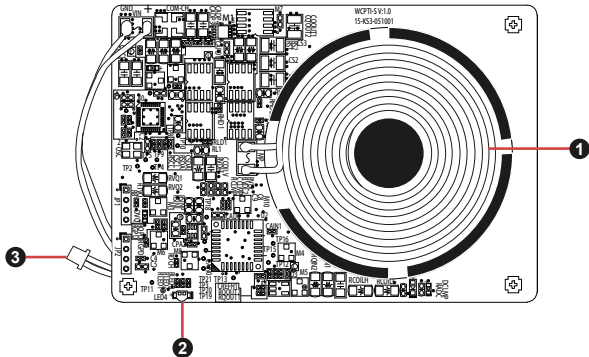
# WPC Module WCPTI-S

**ECS**  
ELITEGROUP



User Guide

# Interface



- 1** Charging Coil
- 2** LED Indicator
- 3** Power Cable(Black for Ground; Red for DC Input)

# Specification

Dimension	86.0 mm x 60.0 mm x 6.1 mm
Transmitter IC	Rohm, BD50720MWV
Charging Method	Magnetic Induction
Coil Type	MP-A7(19V) 43.0 mm x 20.5 mm x 2.1 mm
Operating Temperature	0~40 °C
Operating Frequency	110K~205K

## Operation Description

The WCPTI-S is designed for wireless charger application. It supports 5 and 15 watt receiver solution. When WCPTI-S connects correctly to a PC, you need to place a supported charger device on the WCPTI-S, then you can see the indicator to show behavior.

WCPTI-S has a few behavior to show status that you can check as below:

# LED Behavior

WCPTI-S LED behavior	LED1: Green	LED2: Blue	LED3: Red	Remark
Power on(G>B>R>OFF)	ON	OFF	OFF	G=500ms
	OFF	ON	OFF	B= 500ms
	OFF	OFF	ON	R= 500ms
Standby	OFF	OFF	OFF	
Charging-LOW Power	Blinking	OFF	OFF	Blinking 500ms
Charging-Middle Power	OFF	Blinking	OFF	Blinking 500ms
Charging Complete- Low Power	ON	OFF	OFF	Keep lighting until 30 mins, then show standby status (If RX didn't remove)
Charging Complete- Middle Power	OFF	ON	OFF	
Error-1 FOD	OFF	OFF	Blinking(0.2S)	1.When Rx was removed, Tx cancel the error state 2. 200ms
Error-2 Power restriction- Low Power	ON	OFF	Blinking(1S)	1. When Rx was removed, Tx cancel the error state 2. 1s 3. Show orange LED
Error-2 Power restriction- Middle Power	OFF	ON	Blinking(1S)	1. When Rx was removed, Tx cancel the error state 2. 1s 3. Show purple LED
Error-3 OCP OTP...	OFF	OFF	ON	When Rx was removed, Tx cancel the error state
Error-4 TSD	OFF	OFF	ON	When Rx was removed, Tx cancel the error state

# Notice and Safety

## FCC Label Compliance Statement:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the grantee of this device could void the user's authority to operate the equipment.

### **Declaration the Restriction of this Limited Module Approval:**

According to FCC Part 15 Subpart C Section 15.212, the radio elements of the modular transmitter must have their own shielding. However, due to there is no shielding for this Module, this module is granted as a Limited Modular Approval. When this Module is installed into the end product, a Class II Permissive Change or a New FCC ID submission is required to ensure the full compliance of FCC relevant requirements.

10cm minimum distance has to be able to be maintained between the antenna and the users for the host this module is integrated into. Under such configuration, the FCC radiation exposure limits set forth for an opulation/uncontrolled environment can be satisfied.

Only FCC approved antenna can be used for the module integrated into host.

### **LABEL OF THE END PRODUCT:**

The final end product must be labeled in a visible area with the following" Contains TX **FCC ID: WL6WCPTI-S"**



## NCC警語



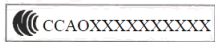
經型式認證合格之低功率輻射電機，非經許可，公司、商號或使用者均不得擅自變更頻率、加大功率或變更原設計之特性及功能。



低功率射頻電機之使用不得影響飛航安全及干擾合法通信；經發現干擾現象時，應立即停用，並改善至無干擾時方得繼續使用。前項合法通信，指依電信法規作業之無線電通信。低功率射頻電機須忍受合法通信或工業、科學及醫療用電波輻射性電機設備之干擾。

此模組若安裝於其他平台內時，該平台標籤需標明：

此平台內建無線模組



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