

# WEH001602H PCB Comparison

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一. Reason for Change:

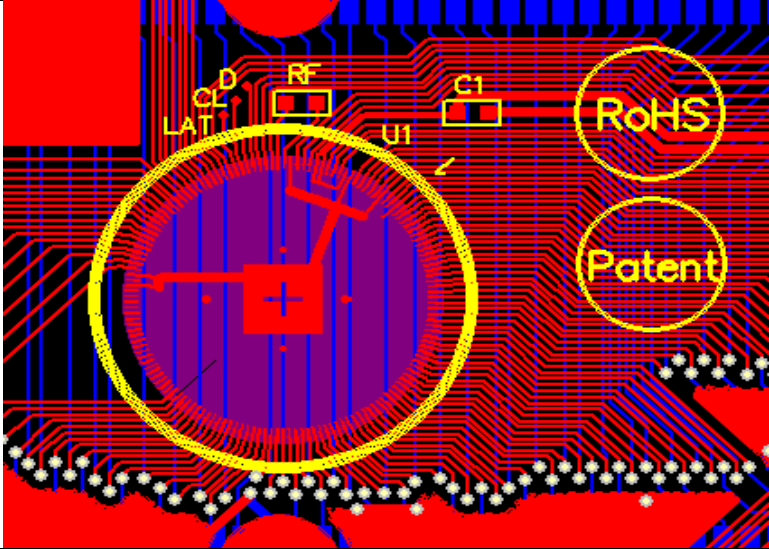
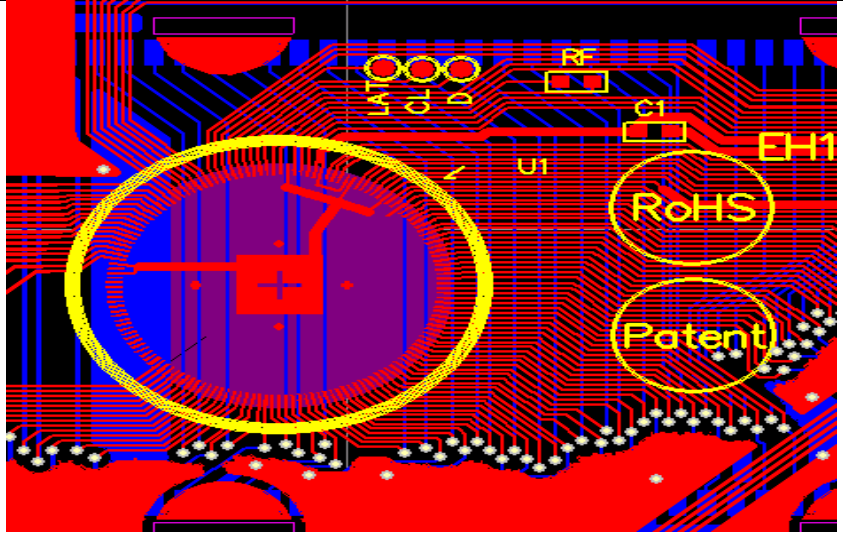
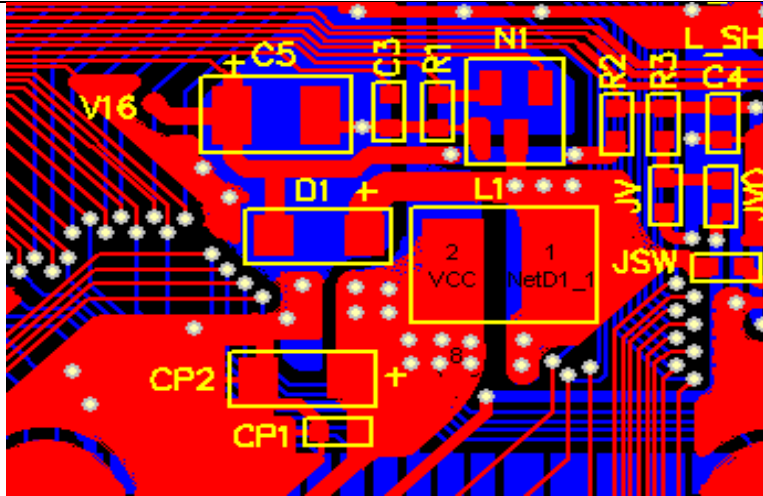
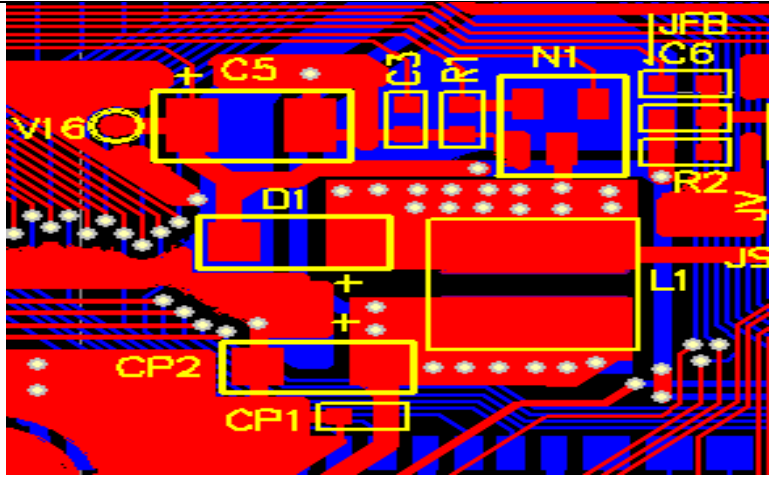
Modify the design of wire path & PAD on the PCB to optimize SMT process yield

二. Comparison

PCB Part No.	EH 1602H REV. 0 (OLD PCB)	EH 1602H REV. A (NEW PCB)
1, Comparison Picture		
Difference	Old Design : C67/C1 is NC	New Design : C67/C1 connect to V16 voltage to have better contrast.

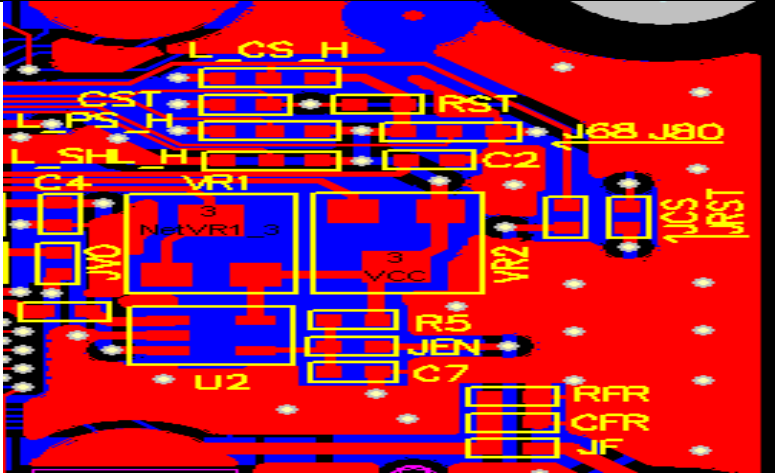
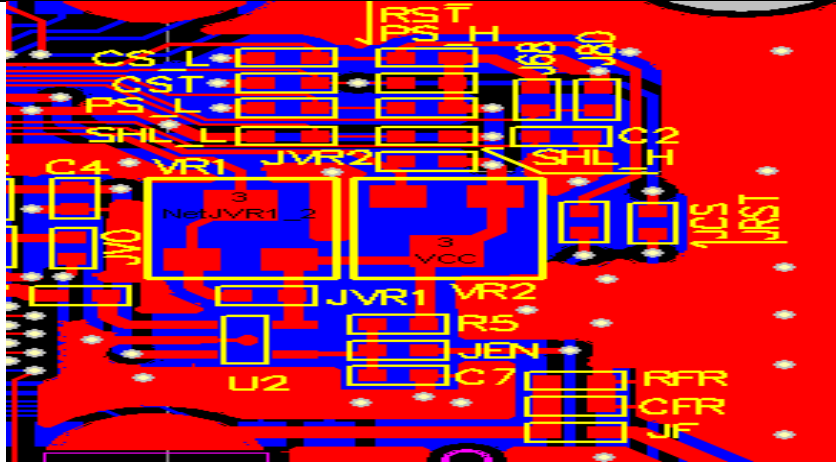
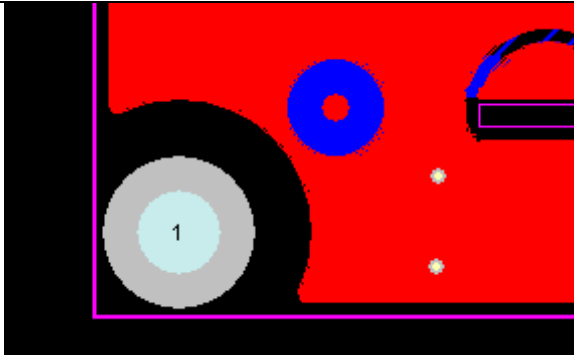
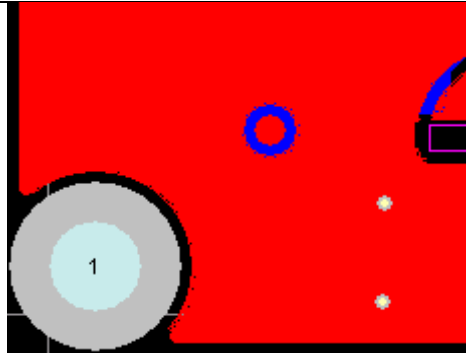
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2, Comparison Picture		
Difference	Original design SMT efficient lower	U1 IC position shift down 0.2mm Round white paint frame decrease 0.5mm diameter
3, Comparison Picture		
Difference	Original design SMT efficient lower	The PAD of L1 inductance change direction

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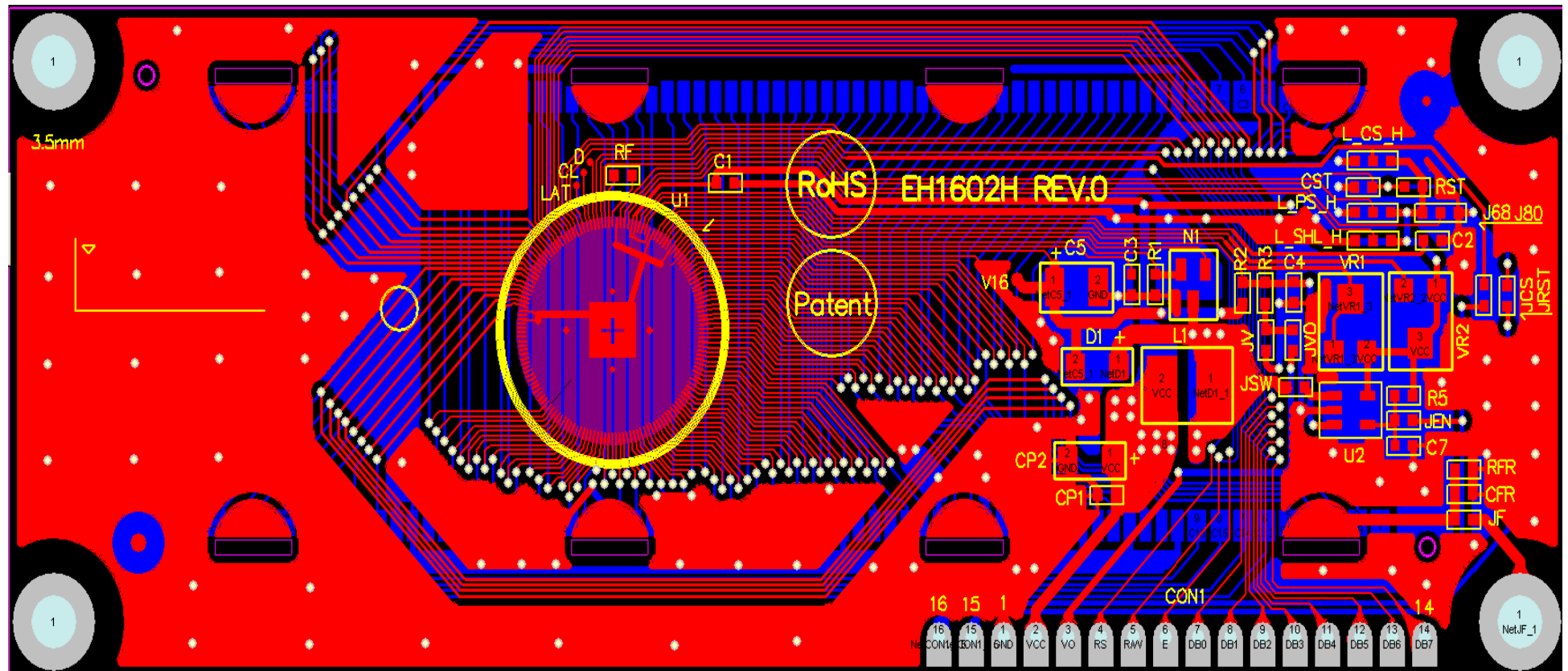
4, Comparison Picture		
Difference	Original design SMT efficient lower	CS,PS,SHL,J68/J80 change Layout PAD raise SMT efficient
5, Comparison Picture		
Difference	The distance between screw hole and the copper coating is 2.3mm	Reducing the distance between screw hole and the copper coating to 0.4mm

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## 三. Overall comparison

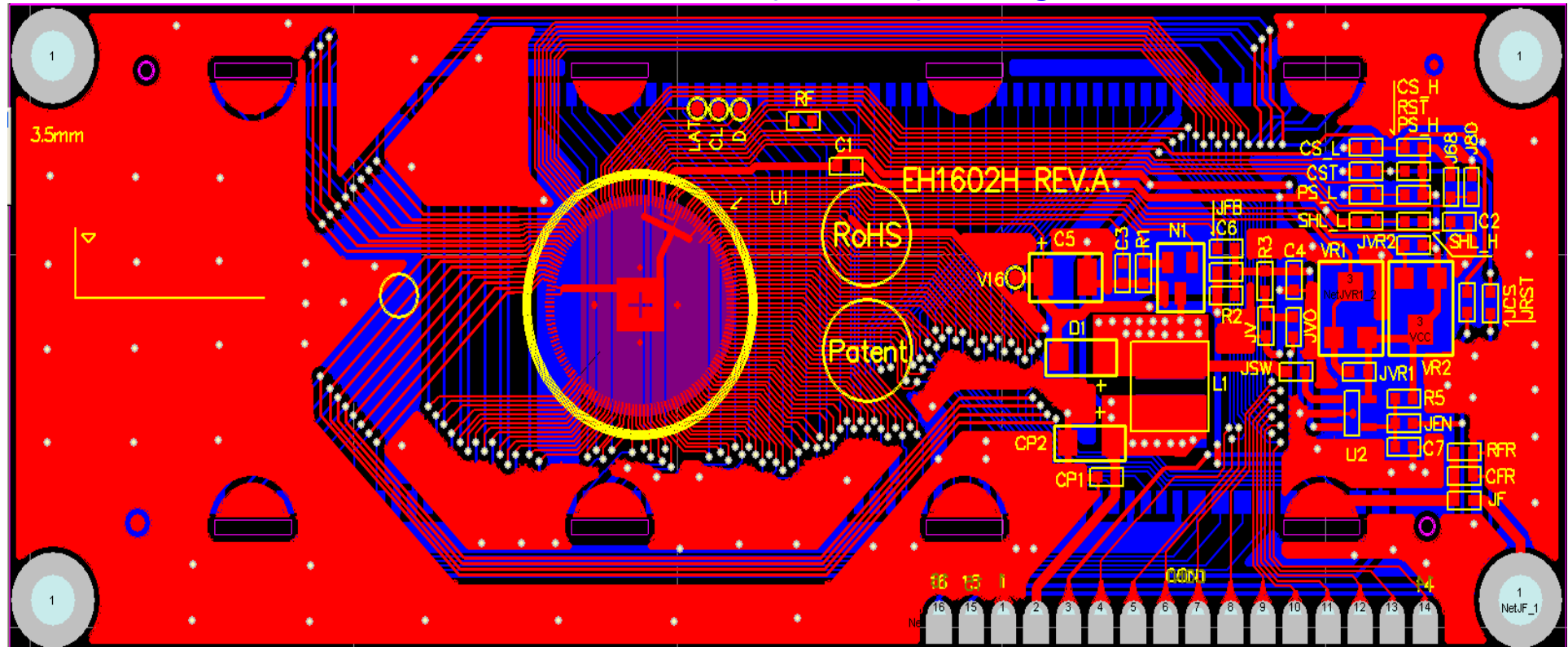
### EH 1602H REV. 0 (OLD PCB) drawing



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EH 1602H REV. A (NEW PCB) drawing



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## 四 · Conclusion

1. 元件位置變更，請確認

**the position of components has been changed**

2. 模组电性功能与之前一致，电性对客户的使用无影响。

**The new version PCB complies with the automation processes and improve yield rate and has better performance. Function & Electrical characteristic remain the same , it won't influences customer using**

核准: 翟佩峰

制定: 刘晶晶