



Board Stackup : JLCPCB's JL2313 stackup (4layer)

- Dielectric Constant: 4.05
- Core thickness: 1.265mm
- Top&Bottom Prepreg: 0.1mm
- 1 ozCu outer layers .05oz inner layers
- Total thickness: 1.57mm
- 0.035+0.1+0.0175+1.265+0.0175+0.1+0.035

100 Ohm Differential Traces:  
Width=0.127mm, Separation=0.227mm  
Ethernet, CAM, DSI

90 Ohm Differential Traces:  
Width=0.153mm, Separation=0.203mm  
USB, HDMI

85 Ohm Differential Traces:  
Width=0.153mm, Separation=0.144mm  
PCIe

50 Ohm Single Traces: Width=0.147mm

(All from JLCPCB's 4layer impedance calculator)

== RTL8370N Switch Chip Current ==			
Supply	I@moderate	I@maximum	
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VDDH/3.3v	200ma	530ma	
VDDL/1.0v	250ma	880ma	
(Typ power 1Watt, Max power 2.7Watt)			

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