stack-up

Material:IT180A

L5

L6Bottom

Thickness:62 mil +/-10% Over soldermask Original design Layer Name Dielectric thickness (unit mil) Dielectric thickness (unit mil) Build - up Build - up Copper Type DK (1GHz) L1Top нте 3.24 3.69 L2 CORE 3.94 3.94 L3 PP Etched CORE PP Etched CORE PP 38.00 4.13 L4 3.94 3.94 CORE

3.24

3.69

Single impedance list								
ı		Original design		Founder's suggestion				
	Layer name	line width(unit:mil)	impedance(unit:o hm)	line width(unit:mil)	impedance (unit:ohm)	Reference layer		
Ì	L1Top	5.1	51+/-5.1	5.1	51+/-5.1	L2		
	L1Top	4.5	54+/-5.4	4.5	54+/-5.4	L2		
	L1Top	3.5	60+/-6	3.5	60+/-6	L2		
	L1Top	5.3	50+/-5	5.3	50+/-5	L2		
	L3	5.3	51+/-5.1	5.3	51+/-5.1	L4&L2		

LITOP	4.5	34+/-3.4	4.5	34+/*3.4	LZ.		
L1Top	3.5	60+/-6	3.5	60+/-6	L2		
L1Top	5.3	50+/-5	5.3	50+/-5	L2		
L3	5.3	51+/-5.1	5.3	51+/-5.1	L4&L2		
L3	4.6	54+/-5.4	4.6	54+/-5.4	L4&L2		
L3	3.6	60+/-6	3.6	60+/-6	L4&L2		
L3	5.5	50+/-5	5.5	50+/-5	L4&L2		
L6Bottom	5.1	51+/-5.1	5.1	51+/-5.1	L5		
L6Bottom	4.5	54+/-5.4	4.5	54+/-5.4	L5		
L6Bottom	3.5	60+/-6	3.5	60+/-6	L5		
L6Bottom	5.3	50+/-5	5.3	50+/-5	L5		
Differential impedance list							
	Original design		Founder's suggestion				

Differential impedance list								
	Original design		Founder's suggestion					
Layer name	line width/space(unit: mil)	impedance(unit:o hm)	line width/space(unit: mil)	impedance(unit:ohm)	Reference layer			
L1Top	5.11/4.6	85+/-8.5	5.11/4.6	85+/-8.5	L2			
L1Top	4.51/4.8	90+/-9	4.51/4.8	90+/-9	L2			
L1Top	3.51/5	100+/-10	3.51/5	100+/-10	L2			
L3	3.61/5.4	100+/-10	3.61/5.4	100+/-10	L4&L2			
L3	4.61/5	90+/-9	4.61/5	90+/-9	L4&L2			
L3	5.31/5.1	85+/-8.5	5.31/5.1	85+/-8.5	L4&L2			
L6Bottom	5.11/4.6	85+/-8.5	5.11/4.6	85+/-8.5	L5			
L6Bottom	4.51/4.8	90+/-9	4.51/4.8	90+/-9	L5			
L6Bottom	3.51/5	100+/-10	3.51/5	100+/-10	L5			