

customer	
pcb name	
WE article number	
engineer	
date	



Multilayer 8 Layers

PCB Thickness : 1,09 mm +/- 10%

Rigid area Structure	Rigid area Thickness	Material description	Via types	Layer usage	Impedance	
					Er	Z[Ohm] Line / Space
Soldermask	15					
L1	45	* Incl. Plating	Top-Layer		3.5	
	140	FR4 TG 135			3.5	
L2	18					
	100	FR4 TG 135			3.5	
L3	18					
	140	FR4 TG 135			3.5	
L4	18					
	100	FR4 TG 135			3.5	
L5	18					
	140	FR4 TG 135			3.5	
L6	18					
	100	FR4 TG 135			3.5	
L7	18					
	140	FR4 TG 135			3.5	
L8	45	* Incl. Plating	Bottom-Layer			
Soldermask	15				3.5	

Notes:

50 % copper occupancy IL

final copper thickness according to IPC 6012

Dielectric material according IPC-4101 E / 24

For Microvia technology please use our HDI stackups

Revision: Created: W. Brylka / Scrutinised: A. Schilpp / Approved: A.Schilpp

Template Revision: 06/2018 by Andreas Schilpp

Via types - Standard and options

Standard Via	Plugged Via (Type III-a)	Filled & Capped Via (IPC Type VII)