

#	Layer	Thickness	Description	Dk	Df	Note
	Top Solder	0.015mm	Soldermask IPC-SM840	3,5	0,028	used on rigid parts
1	Top Side	0.025mm	Starting foil 1/4oz. after plating and processing			
		0.030mm	Prepreg IPC-4101/127/128	3,86	0,013	FR-4.1 filled, halogen free
2	Inner Layer 1	0.025mm	Starting foil 1/4oz. after plating and processing			
		0.030mm	Prepreg IPC-4101/127/128	3,86	0,013	FR-4.1 filled, halogen free
3	Inner Layer 2	0.025mm	Starting foil 1/4oz. after plating and processing			
		0.030mm	Prepreg IPC-4101/127/128	3,86	0,013	FR-4.1 filled, halogen free
4	Inner Layer 3	0.025mm	Starting foil 1/4oz. after plating and processing			
		0.100mm	Core IPC-4101/127/128	3,8	0,011	FR-4.1 filled, halogen free
5	Inner Layer 4	0.025mm	Starting foil 1/4oz. after plating and processing			
		0.030mm	Prepreg IPC-4101/127/128	3,86	0,013	FR-4.1 filled, halogen free
6	Inner Layer 5	0.025mm	Starting foil 1/4oz. after plating and processing			
		0.030mm	Prepreg IPC-4101/127/128	3,86	0,013	FR-4.1 filled, halogen free
7	Inner Layer 6	0.025mm	Starting foil 1/4oz. after plating and processing			
		0.030mm	Prepreg IPC-4101/127/128	3,86	0,013	FR-4.1 filled, halogen free
8	Bottom Side	0.025mm	Starting foil 1/4oz. after plating and processing			
	Bottom Solder	0.015mm	Soldermask IPC-SM840	3,5	0,028	used on rigid parts

**Total thickness: 0.510mm**

notes:  
**Standard: NO PTHs.**  
**With PTH copper 35µm on Top/Bottom**

**Final copper thickness according to IPC-6012**

**Please regard to our sectional design rules:**  
 ► [www.we-online.com/SLIM.hdi](http://www.we-online.com/SLIM.hdi)

**HDI8\_3-(2b)-3\_0,51\_25\_V2.12**

PCB Thickness Tolerance: ± 10%

customer		created	
pcb name		approved	
engineer		format	A4, landscape
date			

Template Revision: 11/2022 by Andreas Schilpp / Michael Kress / Werner Öchslen



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