

# Layer	Thickness	Description	Dk	Df	Note
Top Solder	0.015mm	Soldermask IPC-SM840	3,5	0,028	used on rigid parts
1 Top Side	0.030mm	Starting foil 1/4oz. after plating and processing			
	0.065mm	Prepreg IPC-4101/127/128	3,5	0,011	FR-4.1 filled, halogen free
2 Inner Layer 1	0.017mm	ED Base Copper			
	0.300mm	Core IPC-4101/127/128	4,5	0,011	FR-4.1 filled, halogen free
3 Inner Layer 2	0.017mm	ED Base Copper			
	0.125mm	Prepreg IPC-4101/127/128	3,7	0,011	FR-4.1 filled, halogen free
4 Inner Layer 3	0.017mm	ED Base Copper			
	0.300mm	Core IPC-4101/127/128	4,5	0,011	FR-4.1 filled, halogen free
5 Inner Layer 4	0.017mm	ED Base Copper			
	0.125mm	Prepreg IPC-4101/127/128	3,7	0,011	FR-4.1 filled, halogen free
6 Inner Layer 5	0.017mm	ED Base Copper			
	0.300mm	Core IPC-4101/127/128	4,5	0,011	FR-4.1 filled, halogen free
7 Inner Layer 6	0.017mm	ED Base Copper			
	0.065mm	Prepreg IPC-4101/127/128	3,5	0,011	FR-4.1 filled, halogen free
8 Bottom Side	0.030mm	Starting foil 1/4oz. after plating and processing			
Bottom Solder	0.015mm	Soldermask IPC-SM840	3,5	0,028	used on rigid parts
<b>Total thickness: 1.472mm</b>					

notes:

Final copper thickness according to IPC-6012

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

<b>HDI8_1-6-1_1,47_17_V2.12</b>			
PCB Thickness Tolerance: ± 10%			
customer		created	
pcb name		approved	
engineer		format	A4, landscape
date			
Template Revision: 02/2021 by Andreas Schilpp / Michael Kress / Werner Öchslen			

