

Standard Multi-layer PCB Stack up

4 Layer Stack-up

Layer	Material	Dk	Thickness	Copper Weight
1	Copper		0.0014"	1 oz
	Prepreg (7628 X2)	4.3	0.014"	
2	Copper		0.0014"	1 oz
	Core (FR4)	4.3	0.028"	
3	Copper		0.0014"	1 oz
	Prepreg (7628 X2)	4.3	0.014"	
4	Copper		0.0014"	1 oz

Final board thickness: 0.062" ± 10%

6 Layer Stack-up

Layer	Material	Dk	Thickness	Copper Weight
1	Copper		0.0014"	1 oz
	Prepreg (2113 X 2)	4.3	0.006"	
2	Copper		0.0014"	1 oz
	Core (FR4)	4.3	0.014"	
3	Copper		0.0014"	1 oz
	Prepreg (7628 X 2)	4.3	0.014"	
4	Copper		0.0014"	1 oz
	Core (FR4)	4.3	0.014"	
5	Copper		0.0014"	1 oz
	Prepreg (2113 X 2)	4.3	0.006"	
6	Copper		0.0014"	1 oz

Final board thickness: 0.062" ±

8 Layer Stack-up

Layer	Material	Dk	Thickness	Copper Weight
1	Copper		0.0014"	1 oz
	Prepreg (2113 X 2)	4.3	0.006"	
2	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.010"	
3	Copper		0.0007"	0.5 oz
	Prepreg (2113 X 2)	4.3	0.006"	
4	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.010"	
5	Copper		0.0007"	0.5 oz
	Prepreg (2113 X 2)	4.3	0.006"	
6	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.010"	
7	Copper		0.0007"	0.5 oz
	Prepreg (2113 X 2)	4.3	0.006"	
8	Copper		0.0014"	1 oz

Final board thickness: 0.062" ± 10%

10 Layer Stack-up

Layer	Material	Dk	Thickness	Copper Weight
1	Copper		0.0014"	1 oz
	Prepreg (1080 X 2)	4.3	0.005"	
2	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
3	Copper		0.0007"	0.5 oz
	Prepreg (2116 X 2)	4.3	0.008"	
4	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
5	Copper		0.0007"	0.5 oz
	Prepreg (2116 X 2)	4.3	0.008"	
6	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
7	Copper		0.0007"	0.5 oz
	Prepreg (2116 X 2)	4.3	0.008"	
8	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
9	Copper		0.0007"	0.5 oz
	Prepreg (1080 X 2)	4.3	0.005"	

10	Copper		0.0014"	1 oz
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Final board thickness: 0.062" ± 10%

14 Layer Stack-up

Layer	Material	Dk	Thickness	Copper Weight
1	Copper		0.0014"	1 oz
	Prepreg (1080 X 2)	4.3	0.005"	
2	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
3	Copper		0.0007"	0.5 oz
	Prepreg (1080 X 2)	4.3	0.005"	
4	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
5	Copper		0.0007"	0.5 oz
	Prepreg (1080 X 2)	4.3	0.005"	
6	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
7	Copper		0.0007"	0.5 oz
	Prepreg (1080 X 2)	4.3	0.005"	
8	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
9	Copper		0.0007"	0.5 oz
	Prepreg (1080 X 2)	4.3	0.005"	
10	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
11	Copper		0.0007"	0.5 oz
	Prepreg (1080 X 2)	4.3	0.005"	
12	Copper		0.0007"	0.5 oz
	Core (FR4)	4.3	0.005"	
13	Copper		0.0007"	0.5 oz
	Prepreg (1080 X 2)	4.3	0.005"	
14	Copper		0.0014"	1 oz

Final board thickness: 0.075" ± 10%