

Layer#	Layer Type		Materials Construction		Copper Weight (Oz.)	Thickness (mils)	Dk	Single Ended 39 Ohms +/-10%		Single Ended 50 Ohms +/-10%		Differential pair 76 Ohms +/-10%			Differential pair 100 Ohms +/-10%				
			Width (mils)	Ref. Layer				Width (mils)	Ref. Layer	Width (mils)	Ref. Layer	Width (mils)	Gap (mils)	Ref. Layer	Width (mils)	Gap (mils)	Ref. Layer		
L01	TOP		3/8 Oz. Copper Foil + Plating	0.375	1.8		0.5			6	2				4.8	7.2	2		
			Prepreg	1x1086 67% RC	0.375	1.8	3.88	3.5		6	2				4.8	7.2	2		
L02	GND		2x106 68% RC	0.5	0.6		0.5												
			Core	2x106 71% RC	0.5	0.6	3.86	3.5		6	2				4.8	7.2	2		
L03	SIG1		2x106 68% RC	0.5	0.6		0.5	0.6	5.2	2,4	3.4	2,4	5.4	6.6	2,4	3.3	8.7	2,4	
			Prepreg	2x106 71% RC	0.5	0.6	3.86	3.5		6	2				4.8	7.2	2		
L04	GND		2x106 68% RC	0.5	0.6		0.5	0.6	5.2	4,6	3.4	4,6	5.4	6.6	4,6	3.3	8.7	4,6	
			Core	2x106 71% RC	0.5	0.6	3.86	3.5		6	2				4.8	7.2	2		
L05	SIG2		2x106 71% RC	0.5	0.6		0.5	0.6	5.2	4,6	3.4	4,6	5.4	6.6	4,6	3.3	8.7	4,6	
			Prepreg	2x106 66% RC	0.5	0.6	3.86	3.5		6	2				4.8	7.2	2		
L06	GND		1x1080 66% RC	0.5	0.6		0.5	0.6	5.2	4,6	3.4	4,6	5.4	6.6	4,6	3.3	8.7	4,6	
			Core	1x1080 66% RC	0.5	0.6	3.86	3		6	2				4.8	7.2	2		
L07	PWR1		Any type	1	1.2		1	1.2	5.2	4,6	3.4	4,6	5.4	6.6	4,6	3.3	8.7	4,6	
			Prepreg	1x1080 66% RC	1	1.2	3.86	3		6	2				4.8	7.2	2		
L08	PWR2		Core	1x1080 66% RC	1	1.2	3.86	3	4,02	5.2	4,6	3.4	4,6	5.4	6.6	4,6	3.3	8.7	4,6
			Core	1x1080 66% RC	1	1.2	3.86	3		6	2				4.8	7.2	2		
L09	GND		2x106 71% RC	0.5	0.6		0.5	0.6	5.2	4,6	3.4	4,6	5.4	6.6	4,6	3.3	8.7	4,6	
			Prepreg	2x106 71% RC	0.5	0.6	3.86	3		6	2				4.8	7.2	2		
L10	SIG3		2x106 68% RC	0.5	0.6		0.5	0.6	5.2	9,11	3.4	9,11	5.4	6.6	9,11	3.3	8.7	9,11	
			Core	2x106 68% RC	0.5	0.6	3.86	3.5		6	2				4.8	7.2	2		
L11	GND		2x106 71% RC	0.5	0.6		0.5	0.6	5.2	4,6	3.4	4,6	5.4	6.6	4,6	3.3	8.7	4,6	
			Core	2x106 71% RC	0.5	0.6	3.86	3		6	2				4.8	7.2	2		
L12	SIG4		2x106 68% RC	0.5	0.6		0.5	0.6	5.2	11,13	3.4	11,13	5.4	6.6	11,13	3.3	8.7	11,13	
			Core	2x106 68% RC	0.5	0.6	3.86	3.5		6	2				4.8	7.2	2		
L13	GND		1x1086 67% RC	0.5	0.6		0.5	0.6	5.2	4,6	3.4								