

Number	Name	Type	Manufactu	Material	Thickness (	Weight (oz'	Dk
	Top Overlay	Overlay					
	Top Solder	Solder Mask		Solder Resi	1		3.5
1	Top Layer	Signal			1.85	1	
	Dielectric 1	Prepreg	Altium Des	FR-4 High T	4.396		3.54
2	GND1	Signal			1.26	1	
	Dielectric 2	Core		FR-4 High T	5		3.88
3	SIG1	Signal			0.689	0.5	
	Dielectric 3	Prepreg		FR-4 High T	10.312		3.86
4	PWR1	Signal			1.26	1	
	Dielectric 4	Prepreg		FR-4 High T	5		3.88
5	PWR2	Signal			1.26	1	
	Dielectric 5	Prepreg		FR-4 High T	10.312		3.86
6	SIG2	Signal			0.689	0.5	
	Dielectric 6	Core		FR-4 High T	5		3.88
7	GND2	Signal			1.26	1	
	Dielectric 7	Prepreg	Altium Des	FR-4 High T	4.396		3.54
8	Bottom Layer	Signal			1.85	1	
	Bottom Solder	Solder Mask		Solder Resi	1		3.5
	Bottom Overlay	Overlay					
	Total Thickness(mil)				56.534		

Board Layer Stack

Number	Name	Type	Manufactu	Material	Thickness (	Weight (oz'	Dk
	Top Overlay	Overlay					
	Top Solder	Solder Mask		Solder Resi	1		3.5
1	Top Layer	Signal			1.85	1	
	Dielectric 1	Prepreg	Altium Des	FR-4 High T	4.396		3.54
2	GND1	Signal			1.26	1	
	Dielectric 2	Core		FR-4 High T	5		3.88
3	SIG1	Signal			0.689	0.5	
	Dielectric 3	Prepreg		FR-4 High T	10.312		3.86
4	PWR1	Signal			1.26	1	
	Dielectric 4	Prepreg		FR-4 High T	5		3.88
5	PWR2	Signal			1.26	1	
	Dielectric 5	Prepreg		FR-4 High T	10.312		3.86
6	SIG2	Signal			0.689	0.5	
	Dielectric 6	Core		FR-4 High T	5		3.88
7	GND2	Signal			1.26	1	
	Dielectric 7	Prepreg	Altium Des	FR-4 High T	4.396		3.54
8	Bottom Layer	Signal			1.85	1	
	Bottom Solder	Solder Mask		Solder Resi	1		3.5
	Bottom Overlay	Overlay					

No impedances

Via types

#	Name	Type	Layers	Stack
1	Thru 1:8	Thru	Top Layer-Bottom Layer	
2	Thru 1:8	Thru	Top Layer-I Board Layer Stack	
3	Blind 1:2	Blind	Top Layer-(Board Layer Stack	

No back drills

Orientation Copper Orientation Constructive Resin (%) Frequency Glass Transition Temp (°F)

Top	Above	106	72	1	356
Not allowed	Above				
Not allowed	Below				
Not allowed	Above				
Not allowed	Below				
Not allowed	Above				
Not allowed	Below				
Bottom	Below	106	72	1	356

Orientation Copper Orientation Constructive Resin (%) Frequency Glass Transition Temp (°F)

Top	Above	106	72	1	356
Not allowed	Above				
Not allowed	Below				
Not allowed	Above				
Not allowed	Below				
Not allowed	Above				
Not allowed	Below				
Bottom	Below	106	72	1	356