

06 LAYER STACK UP AS IN ALLEGRO FOR 50E SINGLE END

				TRACE WIDTH	
SL NO	LAYER NAME	THICKNESS( MILS)	Dielectric constant	50 OHM SINGLE END	IMPEDANCE
1	TOP masking	0.5	3.3	4.5	50
	L1_TOP SIDE	1.378			
	PREPEG 1	4	4.3		
2	L2 PWR PLN1	1.378		4.5	50
	CORE 1	6	4.3		
3	L3_SIG_1	1.378		4.5	50
	PREPEG 2	32	4.3		
4	L4_SIG_2	1.378		4.5	50
	CORE 2	6	4.3		
5	L5_GND1	1.378		4.5	50
	PREPEG 3	4	4.3		
6	L10_BOTTOM_SIDE	1.378		4.5	50
	bottom mask	0.5	3.3		

TOTAL 61.268

BOARD CHARACTERISTICS

	Value	Remarks
1 Layers	6	50 Ohms Single end  TOP & BOTTOM 52.2 Micron For BGA Parts
2 Impedance Matching	Yes	
3 Minimum Drill/Pad	10/20 Mils	
4 Copper Thickness	35 Micron	
5 Minimum Annular ring	3 mils	
6 Assembly	Double Sided	