



Customer: ANALOG DEVICE  
 Part No: 9577

U.S. Circuit Cat#: TBD  
 Work Order: TBD

Date: 5/12/2011  
 Prepared By: Tarun Chavda

Layer #		Cu. Wht.	Design	Estimated	Layer #	Single-Ended				Differential					
			S / P / M	Thickness		Ref. Plane	Orig. L/W	Fin. L/W	Calc. Imped.	Ref. Plane	Orig. L/W	Orig. Spc	Fin. L/W	Fin. Spc	Calc. Imped.
1	0.5 Ounce Foil + Plating	0.5	TOP	2	1	2	6.3	7.5	50.14	2	5	4.1	4.5	5.5	97.66
	Pre-Preg (FR-408HR)			4.5											
2	0.5 Ounce	0.5	LAYER 2	0.6	2										
	3 CORE (FR-408HR)			3											
3	0.5 Ounce	0.5	LAYER 3	0.6	3										
	Pre-Preg (FR-408HR)			36											
4	0.5 Ounce	0.5	LAYER 4	0.6	4										
	3 CORE (FR-408HR)			3											
5	0.5 Ounce	0.5	LAYER 5	0.6	5										
	Pre-Preg (FR-408HR)			4.5											
6	0.5 Ounce Foil + Plating	0.5	BOTTOM	2	6	5	6.3	7.5	50.14	5	5	4.1	4.5	5.5	97.66

Single-Ended Required Impedance: **50 OHMS**

Differential Required Impedance: **100 OHMS**

Estimated Overall Thickness: **60.4**  
 Required Overall Thickness: **62.0** +/- 006

Notes: Please confirm this stack-up is acceptable for production.