

STACKUP & IMPEDANCE REPORT

Confidential / Proprietary Information

Planner: ROOPAT

Job Name: **ch1593117-2**
 Customer: **University of California, Berkeley**
 Part Name: **STAC-V1**
 Revision:

Customer Required Finished Thickness: **55.00 (+5.50 / -5.50) mils**

Measured: **Over mask on plated copper**
 Estimated Finish Thickness: **55.39 mils**

Stackup Notes:

Preliminary stack up:Reference only
 Data not provided

Imp	Lyr	Cu Us...	Type	Image	Foil	Pl...	Thk ...Er	Generic Name	Family	Starv
	sm1						0.5			
1xΩ	L1	24 / 64	Signal		0.5oz	0.8	5	3.90	0.005 HHxHH	FR-370HR
	L2		Pow...		0.5oz	0		3.63	1080	FR-370HR
								3.63	1080	FR-370HR
								10.2963.63	1080	FR-370HR
	L3	64 / 64	Pow...		0.5oz	0	18	4.15	0.018 HHxHH	FR-370HR
	L4		Pow...		0.5oz	0		3.63	1080	FR-370HR
								3.63	1080	FR-370HR
								10.2963.63	1080	FR-370HR
	L5	64 / 24	Pow...		0.5oz	0	5	3.90	0.005 HHxHH	FR-370HR
	L6		Signal		0.5oz	0.8				
	sm6						0.5			

Impedance Table

Index	Layer	Required Impedance [ohms]	Tol [ohms] +/-	Type	Ref 1	Ref 2	Orig LW [mil]	Orig Spacing [mil]	Orig CP Spacing [mil]	Finished LW [mil]	Finished Spacing [mil]	Fin. CP Spacing [mil]	Impedance Simulation [ohms]	Impedance before Mask [ohms]	IMG
a	1	50	10%	SE Coated		2	8.10			8.50			49.7		