PROCESS BATCH SHEET	(RCA clean, mo	fers)	Iss 7	Pgof	
ENSC Batch No		Wafers Started_		Date	
Material	_Orientation_	Siz	ze	Thick	ness
Resistivity		Туре			
Wafer Vendor		_Vendor Batch #		S	FU P.O

Process Step #	Process Conditions	Oper & Wafer #	Comments
A	RCA SC-1 Clean (Organics) Temp = 80 +/- 5C Time = 10 minutes DI H2O		Hydrate wafers in DI water before placing in SC-1. Heat water for SC-1. Add NH4OH and then H2O2. Stabilize temperature. Remove wafers from water, place in SC-1, and start timing if temp in range.
В	DI Water Rinse > 3 minutes in running DI water		
C	HF Dip (Native Oxide Strip) Temp = Room temp Time = 30 seconds DI H2O 100 parts (1600 mL)* HF 1 part (16 mL) *Volumes sufficient to cover 8 wafers in dippers in a 2 L plastic beaker, major flats up.		This is the modified step. Either leave out this step completely or reduce concentration from 10:1 to 100:1 as shown.
D	DI Water Rinse > 3 minutes in running DI water		
E	RCA SC-2 Clean (Metals) Temp = 80 +/- 5C Time = 10 minutes DI H20 6 parts (1050 mL) HCl 1 part (175 mL) H2O2 1 part (175 mL)* *Volumes for 2 L glass beaker		Heat the water. Add HCl and then H2O2. Note that the addition of the HCl can raise the temperature of the solution significantly. Stabilize the temperature. Remove wafers from rinse, place in SC-2, and start timing if temp in range.
F	DI Water Dump Rinse > 5 min in beaker of running DI H2O. Dump H2O. Repeat twice		
G	Spin Dry Spin at max RPM until dry (false colours disappear). Check for water on back. Repeat spin or blow with dry N2 if needed.		