Supplies Provided by NUFAB

**Gowning**

All required gowning supplies

**Personal Protective Equipment (PPE)**

All required PPE

**Chemicals**

Photoresists: SPR220.7, SU8-3050, SU8 3025, SU8 2002, SU8-2010, S1813, S1805, LOR 1A, LOR 5A, AZ 5214E-IR, AZ P4620, Polyimide PI2545, AZ nLOF2035
Developers: MF319, AZ 400K (1:4 and concentrated), SU8 Developer, AZ 917MIF, AZ 300MIF
Resist Removers: Remover 1165, Nanostrip
Adhesion Promoter: HMDS, MCC Primer 80/20 (20% HMDS and 80% PM Acetate)
Solvents: Acetone, 2-Propanol
Etchants: Chrome Etchant, Buffered Oxide Etch 6:1 and 10:1, Aluminum Etchant, Nanostrip, HF, Fe3O4 Etchant, Copper Etchant, Gold Etchant TFA, KOH, TMAH 25%, HBr, HCl, Citric acid, H2SO4, HNO3, H3PO4,

**General Cleanroom Supplies**

Silicon Wafers (various sizes)
Wafer and Mask Holders (various sizes)
Cleanroom Notebooks
Cleanroom Paper
Cleanroom Wipes (two types)
Storage Boxes
Petri Dishes
Aluminum Foil

**Equipment Specific Supplies**

AJA Sputter Targets: Cu, Al, Cr, Mo, Ti, Ni, Fe, W, Si, SiO2, Si3N4, ZnO, ITO, PZT, Ag
AJA E-beam Evaporator: Crucibles for all materials
ALD Precursors: Triethylaluminum, Diethylzinc, Trimethyl(methycyclopentadienyl)platinum(IV), 3-aminopropyltriethoxysilane, Tetrakis(dimethylamido)hafnium(IV), Tetrakis(dimethylamido)titanium, Tetrakis(dimethylamido)zirconium(IV), Tris(diethylamido)(tert-butylimido)tantalum(V), Molybdenum hexacarbonyl, Water, Ozone, Oxygen plasma
Denton Thermal Evaporator: Boats for all materials, chrome-coated tungsten rods
Evaporation Materials: Mo, W, Ag, Al, Cu, Ni, Ti, Cr, Au

Updated: 3/4/2019
Mask and Maskless Aligners: Blank Photomasks (for mask making) 4”x4” (Cr), 5”x5” (Cr),
3”x3” (Fe2O3), 4”x4” (Fe2O3), 5”x5” (Fe2O3)
Contact angle measurement: syringes and needles for liquids other than water.
Filmetrics: Si wafer for background measurement
Electrical test probe station: spare contacting tips.

**Gases**
Silane, Ammonia, Hydrogen, Dichlorosilane, Forming Gas (4%H2, Balance N2), UHP
nitrogen, Oxygen, N2O, CF₄, C₄F₈, CHF₃, Helium, SF₆, Argon, Liquid CO₂