

Minimal Fab Equipment List

As of August 30, 2019

No.	Process1	Process2	Tool	Release time
1	Cleaning	SPM-Cleaning	Piranha Clean	Available for sale
2		RCA-Cleaning	RCA Station (A)	Soon to be released
3		RCA-Cleaning	RCA station (B)	Soon to be released
4	Photolithography	Coating	Coater	Available for sale
5		Development	Developer	Available for sale
6		Exposure	Maskless Exposure (A)	Available for sale
7			Maskless Exposure (B)	After 2021
8			Mask Aligner	Soon to be released
9			EB Exposure	After 2021
10	Oxidation	Dry	Furnace	Available for sale
11			Focused Light Heating	Available for sale
12			Laser Heating	Available for sale
13			High Pressure Thermal Oxidation Furnace	After 2020
14		Wet	Pyrogenic Oxidation	After 2020
15	Deposition	PVD	Single Target Sputtering	Available for sale
16			Multi-target Sputtering	Soon to be released
17		CVD	LP-CVD (Poly-Si)	After 2021
18			Focused Light Heating CVD	After 2021
19			PE-CVD (TEOS)	Available for sale
20			PE-CVD (SiN) (A)	Soon to be released
21			PE-CVD (SiN) (B)	After 2021
22	Etching	Dry	Plasma Etcher (CCP)	Available for sale
23			Plasma Etcher (Micro Plasma)	Available for sale
24			Deep RIE	Available for sale
25			Metal Plasma Etcher	Available for sale
26		Wet	Oxide Wet Etcher	Available for sale
27			Al Wet Etcher	Available for sale
28			Cu Wet Etcher	Available for sale
29	Diffusion and Implant	Ion implantation	Ion Implanter	After 2021
30		Coating	SOD Doping Station	Available for sale
31		Diffusion	Furnace	Available for sale
32	Sintering	-	Laser Heating	Available for sale
33	Resist strip	Dry	Dry Asher (CCP)	Available for sale
34			Asher (Micro Plasma)	Available for sale
35			Asher (Deep RIE)	Available for sale
36			Water Plasma Asher New	Soon to be released
37		Wet	Resist Remover	Available for sale
38			Acetone Cleaner (A)	Available for sale
39			Acetone Cleaner (B) New	Soon to be released
40	Measurement	Film thickness	Optical Thickness Meter	Available for sale
41		Particle	Wafer Surface Scanner	Available for sale

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