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SiO₂ Etch using ICP2 (no O₂)

Recipe: 0.5Pa, 50/900W, CHF₃/CF₄=10/30 sccm, time=3.5 min (210 sec)

1) Run#01 (10-5-2018)

Etch rate=160 nm/min, Etch Selectivity (SiO₂/PR) =1.2, Averaged Sidewall Angle=82.1°.

Figure 1 (a), (b), and (c) SiO₂ etch profile; (d) PR etch-mask profile.



