

ALD cycle

Metal precursor

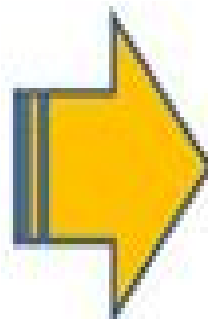
purge

dose

Oxidant (H_2O , O_2)

dose

purge



Metal oxide layer

surface roughness control

atomic-level control of film thickness

unparalleled conformality and uniformity

***the deposition of nanometer-thin films
in high-aspect-ratio structures***

interfacial control

Substrate

Atomic Layer Deposition Ald Characteristics

Samares Kar

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