

Fig. 1 Co thin film growth on SiO₂ by ALD and ALD/ALE combination. CCTBA was used as the Co-ALD precursor, and a SO₂Cl₂/HFAC sequential supply was used for Co-ALE.

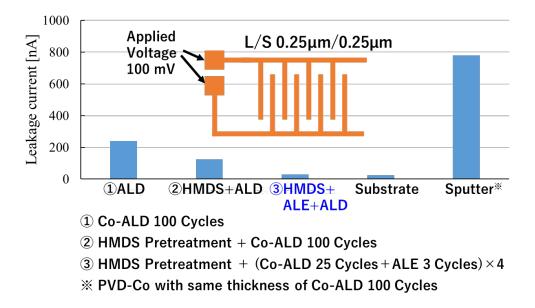


Fig. 2 Leakage current of the L/S pattern of Cu/low-k substrate with Co AS-ALD.