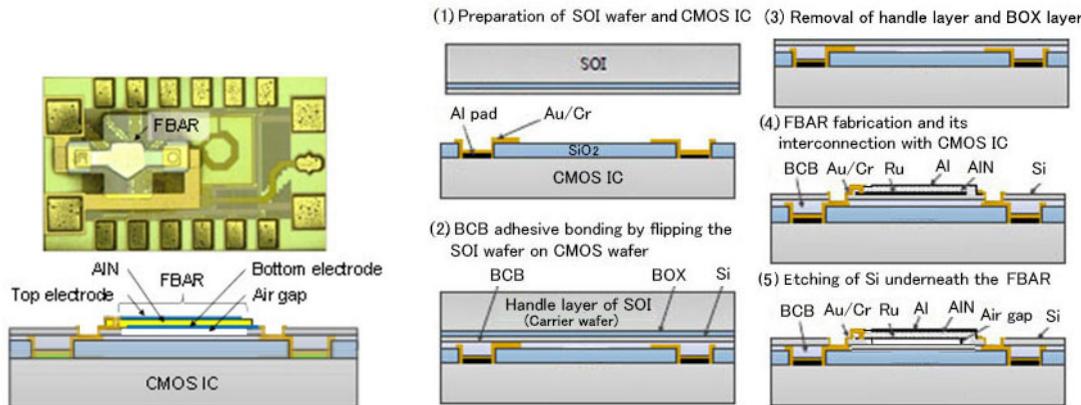
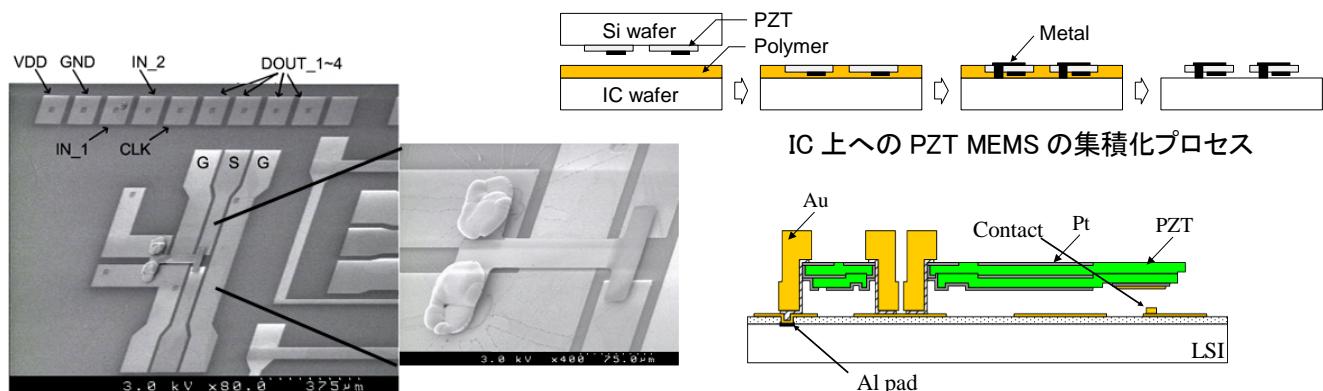


3 RF MEMS

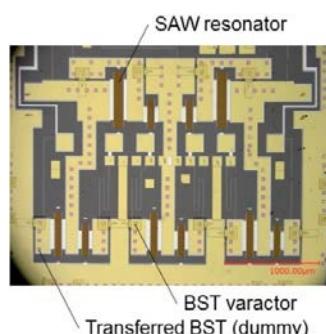
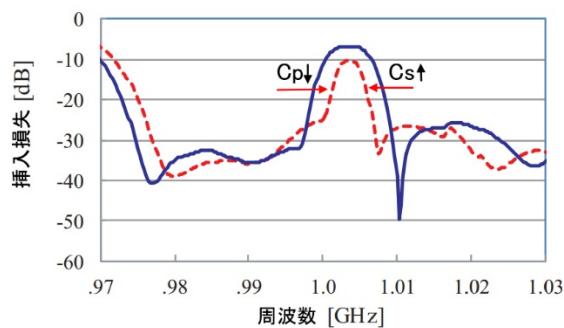
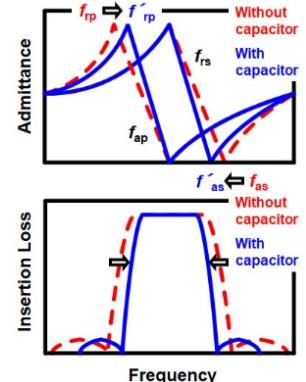
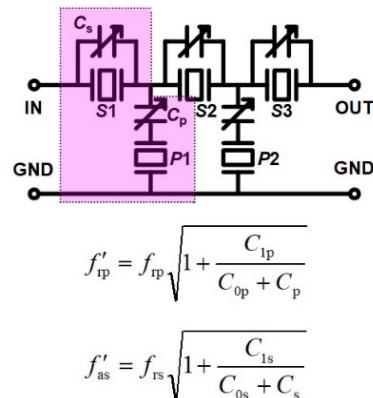
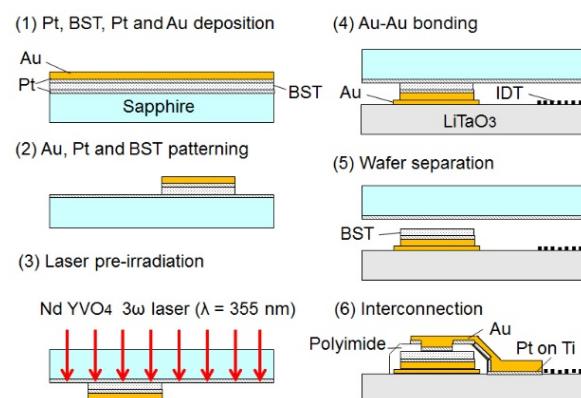


FBAR (film bulk acoustic resonator) on LSI (Kochhar et al., 2012 IEEE Internl. Ultrasonic Symp. (2012) 1047)



PZT MEMS switch fabricated on $0.35\ \mu\text{m}$ CMOS LSI

(Matsuo et al., IEEE MEMS 2012, pp. 1153–1156)



Tunable bandwidth filter fabricated by selective transfer of ferroelectric variable capacitor on SAW device
(H.Hirano et.al, J. of Micromech. Microeng., 23, 2 (2013) 025005(9pp))