

Fig. 3. Array factors for a 16-element linear phased-array for different fractional bandwidths (scan angle=45°).

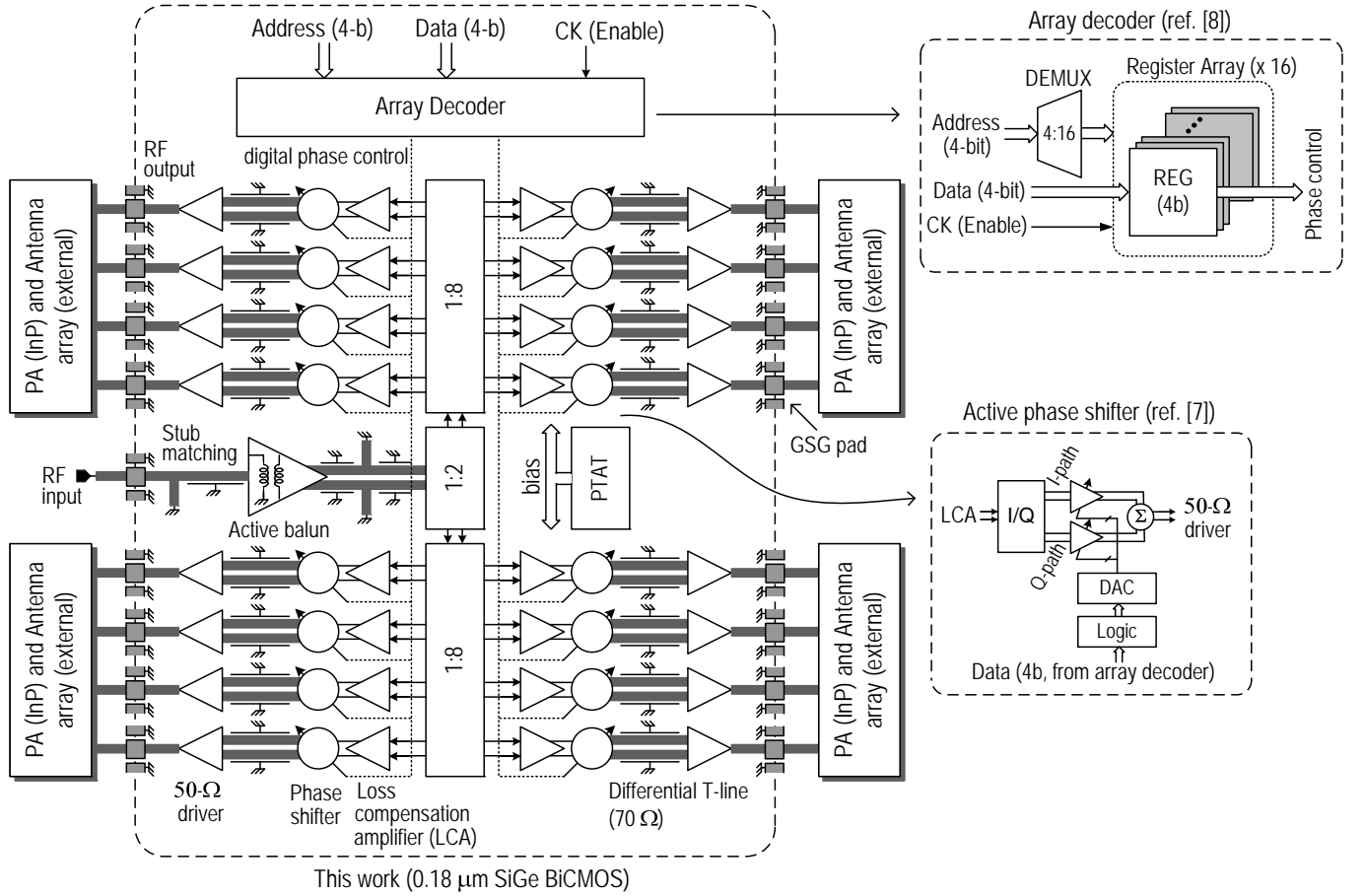


Fig. 4. The functional block of the 16-element phased-array beamformer in 0.18-μm SiGe BiCMOS technology.