Abstracts

67-GHz static frequency divider using 0.2-/spl mu/m self-aligned SiGe HBTs

K. Washio, R. Hayami, E. Ohue, K. Oda, M. Tanabe, H. Shimamoto and M. Kondo. "67-GHz static frequency divider using 0.2-/spl mu/m self-aligned SiGe HBTs." 2000 Radio Frequency Integrated Circuits (RFIC) Symposium 00. (2000 [RFIC]): 31-34.

A 67-GHz 1/4 static frequency divider using a 0.2-/spl mu/m self-aligned selective-epitaxial-growth SiGe HBT was developed. This is among the highest operating frequencies for static dividers reported for any semiconductor technology, yet the power consumption of the divider is 1/5 that of comparable dividers.

❑ Return to main document.