

Tribotronic Tuning Diode for Active Analog Signals

Modulation

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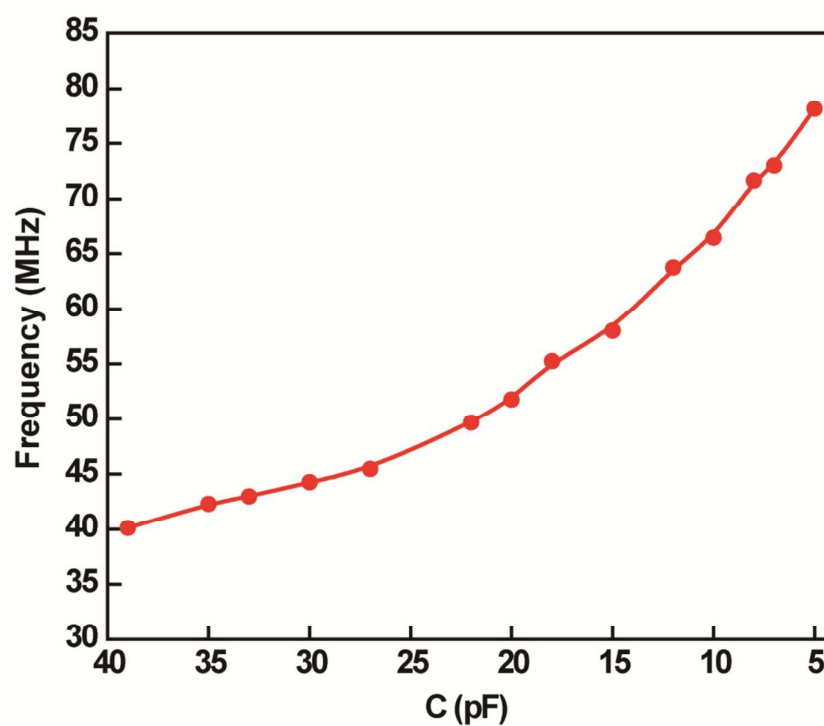


Figure S1. The dependence of signal frequency modulation on a series of different capacitors.

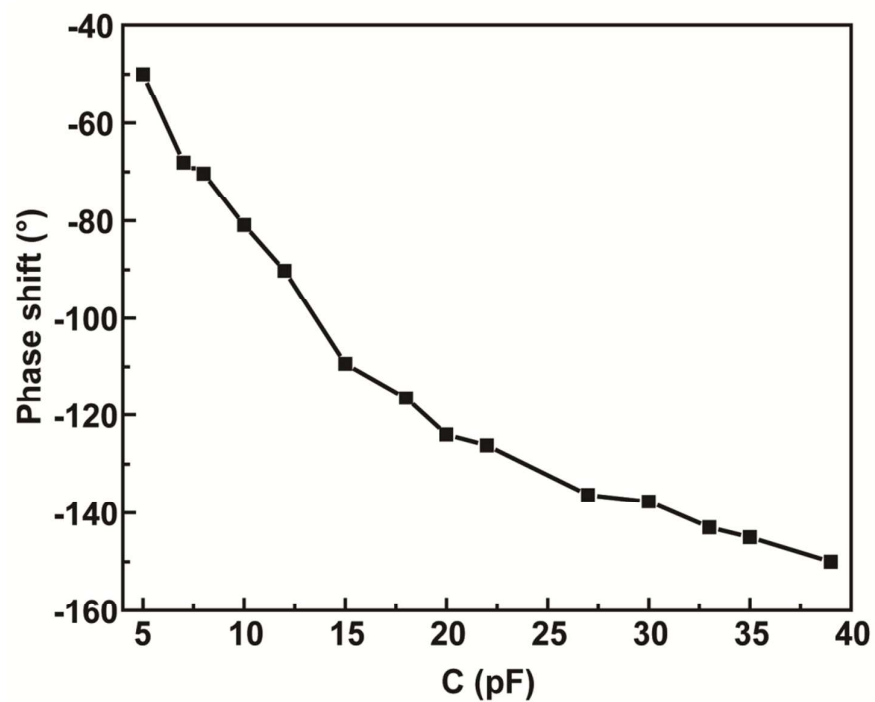


Figure S2. The dependence of phase shift on a series of different capacitors.

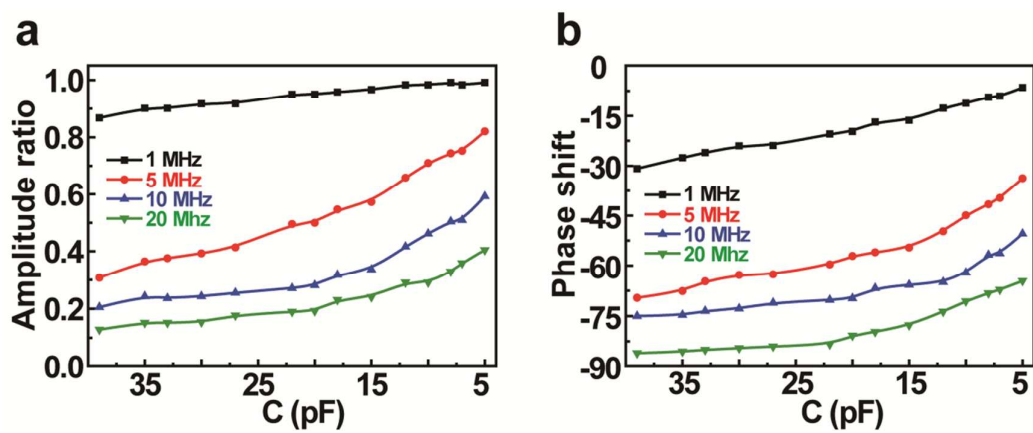


Figure S3. The dependence of amplitude ratio (a) and phase shift (b) on a series of different capacitors at different signal frequencies.