Table 1: Thermal noise of capacitors at 300 K (\sim 27 °C)

rable 1. Thermal holds of capacitors at 500 H (21 °C)			
Capacitance	$V_{\rm rms} = \sqrt{\frac{k_{\rm B}T}{C}}$	Noise charge $Q_n = \sqrt{k_{\rm B}TC}$ in coulombs	Noise charge in electrons
1 fF	2 mV	2 aC	13 e ⁻
10 fF	$640~\mu\mathrm{V}$	$6~\mathrm{aC}$	$40 e^{-}$
100 fF	$200~\mu\mathrm{V}$	20 aC	$125 e^-$
$1000~\mathrm{fF}$	$64~\mu\mathrm{V}$	64 aC	$400 e^-$