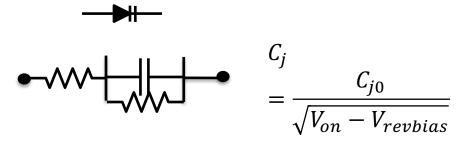
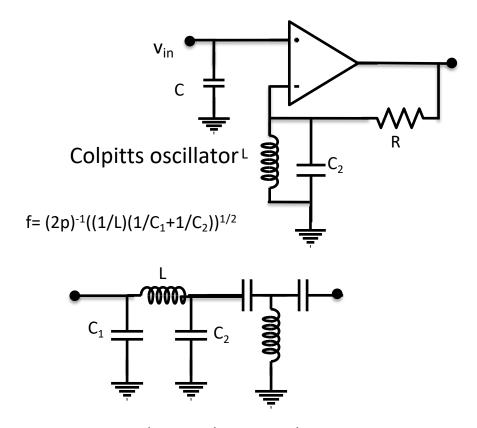


Flat side transistor (L to R): E, B. C



Varactor model



 $\boldsymbol{\pi}$  and T impedance matching