

Fixed components  
 $\omega = 2 \cdot 3.14159 \cdot 200e6$   
 $Z_0 = 50$   
 $L = Z_0/\omega$      $L: 3.979e-08$   
 $C = 1/(Z_0 \cdot \omega)$      $C: 1.592e-11$

Variable capacity  
 $cap1 = 6.5e-12$

## Voltage controlled phase-shifter (instance 1)

