Capacitor Charging: Resonant
Comparison of Capacitor Charging

2:1 SC Revisited
Equivalent Circuit Model

2:1 – Current Loaded
2:1 – Resonant Implementation

Slow and Fast Switching Limits
2:1 SC – FSL Model

SC Converter Topologies

a) Ladder

b) Dickson Charge Pump
c) Fibonacci
d) Series-Parallel
e) Doubler