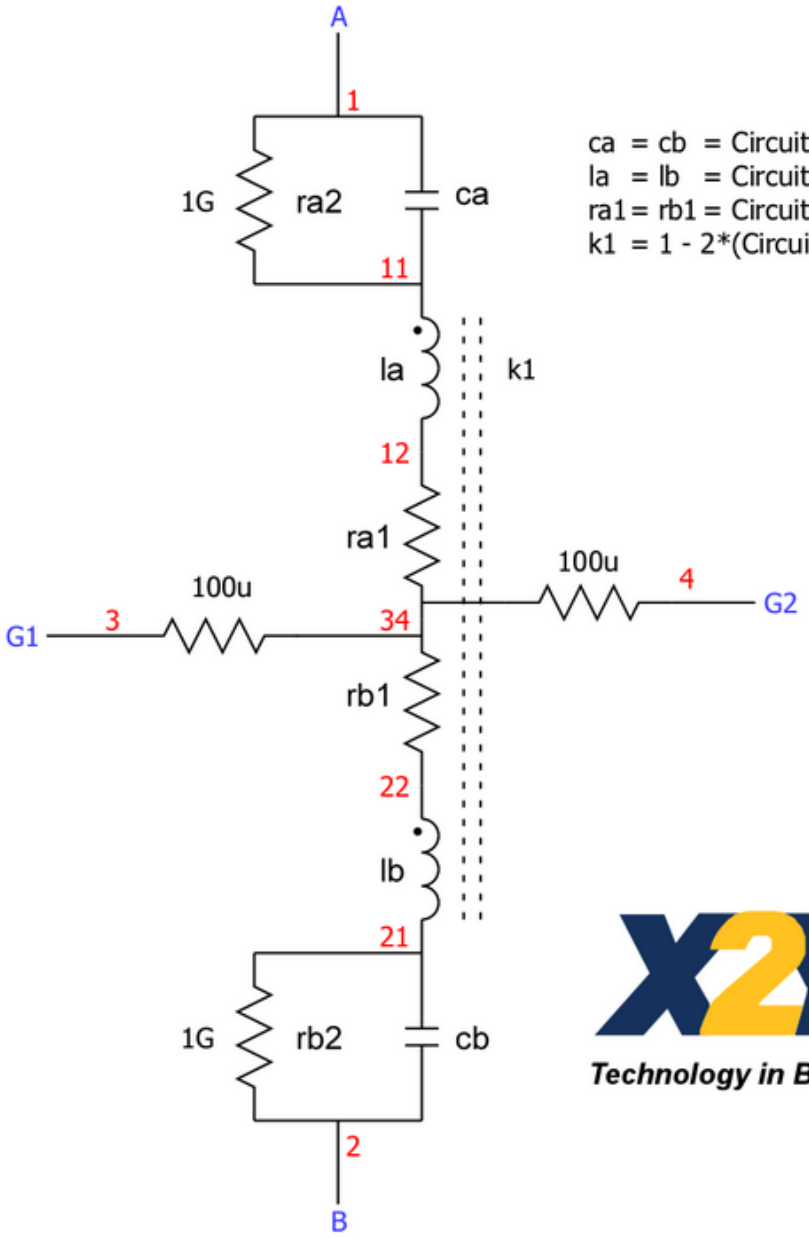
X2Y® SPICE CIRCUIT MODEL

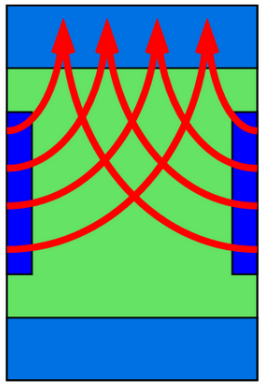


ca = cb = Circuit 1 capacitance
la = lb = Circuit 1 ESL
ra1 = rb1 = Circuit 1 ESR
k1 = 1 - 2*(Circuit 2 ESL / Circuit 1 ESL)

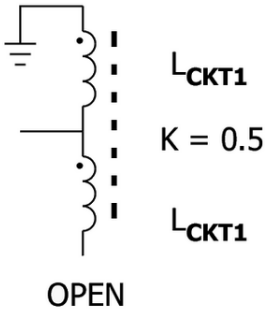
X2Y®
Technology in Balance

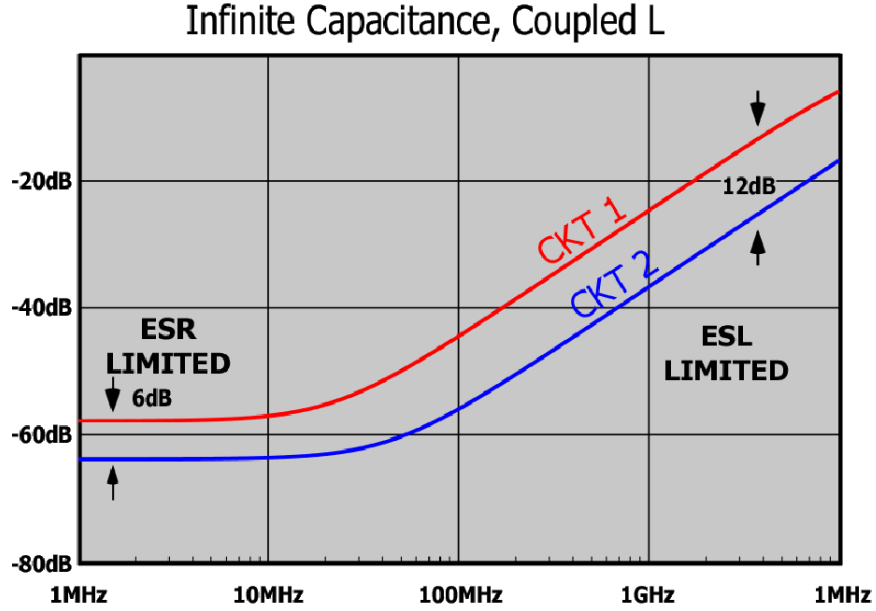
X2Y® SPICE CIRCUIT MODEL

CKT1

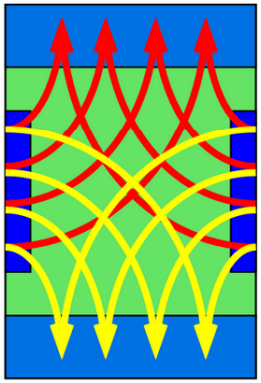


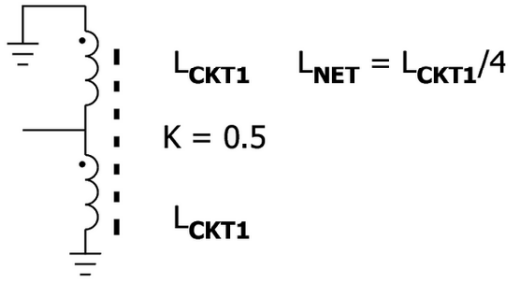
A ONLY





CKT2
OVERLAPPING FLUX CANCELS



A + B

CKT2
INDUCTANCE:
2 X PARALLEL = L/2
50% FLUX OVERLAP = L/4