.model NPN1 NPN (+ BF=150 + VAF=65 + VJE=0.7) .model NMOS1 NMOS (+ KP=5e-3 + VTO=-2 + LAMBDA=0.01) V_CC V_CC V_CC **S**R_C2 **≥**R_11 \$R_C1 1k SR_12 6k **≥**R_13 V_CC **1**k 1k Q1_0 Q2_o 15 C2 -||-{C} C3 {C} Q1 Q2 М1 Q1_0 V_x Q2_o NPN1 NPN1 NMOS1^{C4} {C} R9 80k R_E2 C6 3.8k (C) **≥**R_23 R_E1 C5 500 {C} R_22 8k \$R_SS 300 SR_21 501 SINE() **6.5**k

.AC DEC 100 1k 1GIG

.PARAM C 22e-6