

VERİLECEK ÖDEVLER İÇİN KULLANILABİLECEK SPICE BJT MODEL
PARAMETRELERİ:

.MODEL B1 NPN IS 5.24E-16 BF 384.5 BR 2.345 NF 1.06 VAF 79.5
+IKF .025 ISE 8.3E-14 NE 1.935 NR 1.005 VAR 9.64 IKR 1.845E-4
+ISC 7.5E-15 NC 1.22 RE 2.85 RC 30.15 RB 7.5 CJC .6E-12
+VJC .85 MJC .475 CJE .94E-12 VJE .75 MJE .32 CJS 1.883E-12
+VJS .7 MJS .333 XTB .213 XTI 4.71 TF .64E-9 TR 3E-9
.MODEL B2 PNP IS 6.2E-16 BF 98.1 BR 1.005 NF 1.155 VAF 50.3
+IKF 9.15E-4 ISE 2.55E-15 NE 1.46 NR 1.03 VAR 12.2 IKR 3.86E-5
+ISC 1.35E-14 NC 1.22 RE 16.4 RC 225 RB 5 CJC .9471E-12
+VJC .5 MJC .471 CJE .21E-12 VJE .5 MJE .439 CJS 2.51E-12
+VJS .5 MJS .315 XTB .0737 XTI 5.39 TF 6.4E-9 TR 30E-9