.op 5ms startup

.MODEL BC639 NPN IS=6.119E-14 NF=0.9948 ISE=5.844f NE=1.469 BF=130.4 IKF=0.8 VAF=54.27 NR=0.9905 ISC=1.342E-13 NC=1.183 BR=14.53 IKR=0.2049 VAR=30 RB=0.5 IRB=1E-06 RBM=0.!

.MODEL BC640 PNP IS=6.1530E-14 NF=0.9911 ISE=1.382E-16 NE=1.089 BF=150.8 IKF=1.225 VAF=105.4 NR=0.9965 ISC=6.480f NC=1.022 BR=8.074 IKR=0.3627 VAR=18.20 RB=2 IRB=1E-06 RBM

VCC

V1
10

R3
2.2K

VB1

Q1
BC639

D1
1N4148

VE1

R1
4.7

C1
10μ

IN

Vmid

VE

C2
10μ

OUT

R5
1K

D2
1N4148

R2
4.7

VE2

BC640
Q2

VB2

R4
2.2K

-VCC

V2
-10