```
For a BJT amplifier to be in forward active region.
VE < VB < VC
VRI=5.01-56.835NX333.78=4.991V
                                     VEIKVBIKVCI
Vc1 = 15 - 8.525mx | k = 6.475 V
                                   4,29164,99166,475
VFI = (1+150) x56.835M X500 = 4,291 V
VEZ = (1+150) X 13,634N1 x 3.8k = 7,823 V
                                   VE2 (VB2 (VC2
                                   7,823 < 8.523 < 10,910
VB2-8.57-13.634MX3,429k=8.523 V
Vc2=15-2.045mx2k=10,910 V
For a FET amplitier to be in saturation region.
 Vn Z Vos (sat) Vos(sat) = Vas - VTN and Vas 7 VTH
  Vos=0,192 Vos(sat)=-1.806--2=0.192
           0.19220.192
  -1,8087-2 Vax=-1,808 VTI=-2
```