

width of deplatar layer: Wd = J28 [1 +1] Vg cum Poge: Q= Egro Co Jon Si = Q: 1.04 x 10-12 Flore:

(D= 9=1-1244, 10-12 Flore) 90= 8=1-1244, 10-12 Fla > Forward Dias: (A-A): It will force holes - overindeplation tayer decreases

Wa > Wa : Vd 1 wa 1 I d = I may - To :- Barrier patential es decreases Deplayer T [Vat wat] barrer par Ts bollage across diache k = 11600 =  $1 \times 17$  =  $1 \times 10$ n > Ideality factor n= 1 for Ge Justen For : | Id = Is le mir - 1) m=1 forboth] when Idlige s V-I when Ud =0, Id=0 Id= Imay-Is Id = Is Brakdaw ac or PIV (Plat 1 - vollage)

In case F.B the ch. of Si deal ships guts of temps to left at 205 mil) deg centurgions and the who In R.B at doubts for every to c an temp of the -> Reclyun allowation of A from -> ( = 50+2 franjouwer - rechter filter vollage load Jeogulolon 4=60 HZ Half Wave: un case of other half vo=0 Vay = VH = 0.318 V Av lood current - 100 - 0-318 UM Jone = Junan (1911) = Ji 127 son = Jun ) Form factor - ( Raha of RMS load vollage, average load valle Voume = Vuntz (T/2)= F.F 21 .) Rupple factor: The supple factor measures the percen of ac compain section our (y=0.1.) av value of of p = [] Tac + Idc - ZIdc2] = JIni2 - Id2









