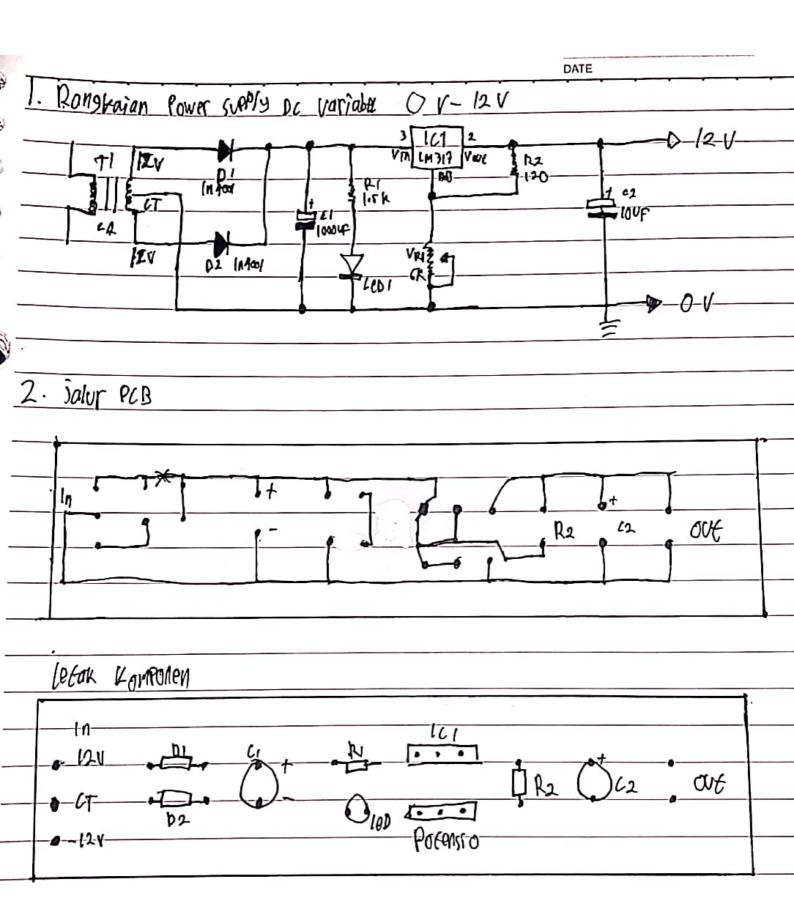
Dasar Elektronika DATE
Nama: Mylammad Rivardi Aguscian
14/14 : 2/10/0100 308
Kelas: 02TELE004
3. Dik = NP = 300 Vs = 120 V Dif = 15, Ns., jeniz trafo?
VP = 12 V P = 0,6 A
Jawab = Up 15 12 13 = Q1 = 15 Vs 1P 120 0,6
15=0,1.0,6=0,06 A
$\frac{N_{P} - V_{P} - 300}{N_{S} - V_{S}} = \frac{12}{N_{S}} = \frac{300}{N_{S}} = \frac{12}{N_{S}} = \frac{300}{N_{S}} = \frac{300}{N_{S}} = \frac{300}{N_{S}} = \frac{300}{N_{S}} = \frac{300}{N_{S}} = \frac{3000}{N_{S}} = \frac{3000}{$
Karena tegangan seander lebih besar dari Pada tegangan primer muka Senis trafonya adalah trufo step UP
A. Fungs, Egansistor memlin; Lua rungsi utana gaicu sebagai saklar Elektronik dan Penguat arus.
transistor Bipolar terdiri jori dua Janis yaito fransistor NPN dan PNP transistor ini diantaranya adalah terminal basis, colector dan emitor
Transictor NPN B(F) Gamber simbor NPN
Transistar PNP B Cambar Simbol PMP



NO DATE
J. Ma
Dik = R1 = 10K = 10:000 V = 10V
12 = 2K2 = 2200
$R_3 = 1k = 1000$
Bat 1 R4 = 346 = 3600
- 10V
- 42K2 - 10V
- Rt = R1.R2 10,000.2200 _ 22,000.000 _ 1,803 1
$R1+R_2$ $10.000+2200$ 12.200
- Vit = VII x Rz = 10-2200 = 1,8 V
B1+P2 10.000+2200 [2.200
Ic = 114 - 1/ho) (R+ (Bex +1) + R4)
Ic = (VH - Ube) / (Rt / (Bet +1) + R4) (1.8, -0,7 / (1.803/(100+1)+3600)
= 1,1 / (17,851 + 3600
-1,1 / 3617,851
=0,0003 A = 0,3 A
T_{\bullet} T_{\bullet} T_{\bullet} T_{\bullet} T_{\bullet}
Vie = VW - [Ie (Rc+R4)] = 10 - [0,0003 (1000 + 3600)]
= 10-138
- 8,62 V
•