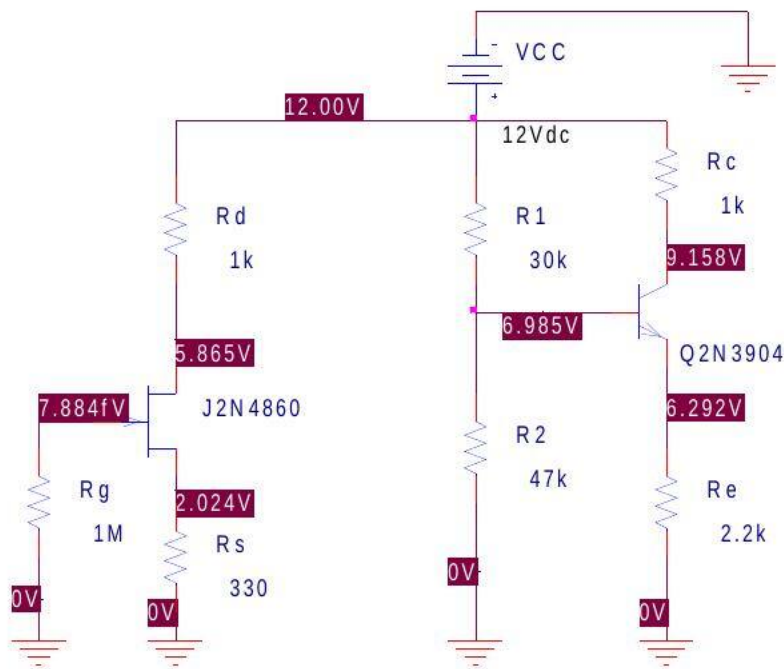


DC Analiz



$$V_D = 5.865 \text{ V}$$

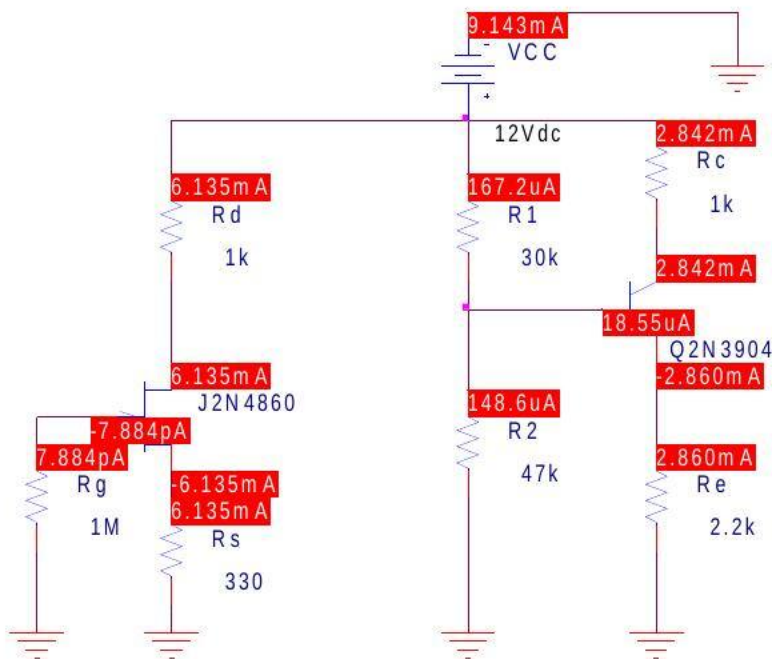
$$V_G = 7.884 \text{ V}$$

$$V_S = 2.024 \text{ V}$$

$$V_B = 6.985 \text{ V}$$

$$V_C = 9.158 \text{ V}$$

$$V_E = 6.292 \text{ V}$$



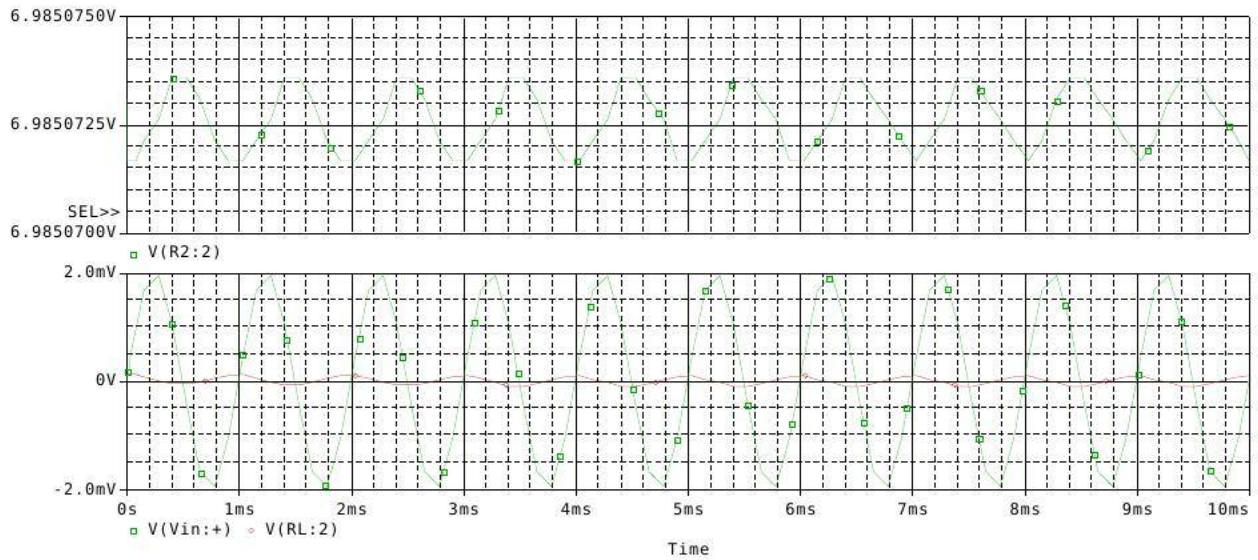
$$I_D = 6.135 \text{ mA}$$

$$I_C = 2.842 \text{ mA}$$

$$I_E = 2.860 \text{ mA}$$

$$I_B = 18.55 \text{ } \mu\text{A}$$

AC Analiz

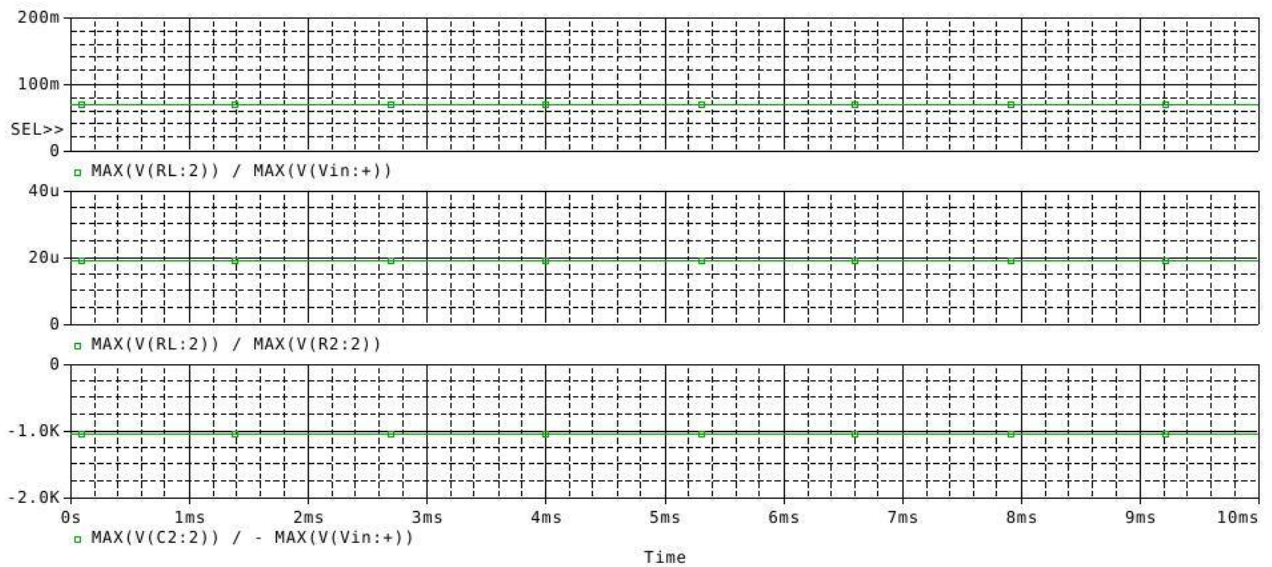


Input voltage ($V(Vin:2)$) = 1.9518 mV

Output voltage ($V(RL:2)$) = 99.579 μ V.

V_b ($V(R2:2)$) = 6.9851 V

KAZANÇ



First Stage Voltage Gain : -1.0372 K

Second Stage Voltage Gain : 19.177μ

Overall Voltage Gain : $68.630 m$

DC ANALİZ

V_D	5.865 V
V_G	7.884 V
V_S	2.024 V
V_B	6.985 V
V_C	9.158 V
V_E	6.292 V
I_D	6.135 mA
I_C	2.842 mA
I_E	2.860 mA
I_B	18.55 μ A

AC ANALİZ

Input voltage p-p	1.9518 mV
Output voltage p-p	99.579 μ V
Voltage at V_b	6.9851 V
First Stage Voltage Gain	-1.0372 K
Second Stage Voltage Gain	19.177 μ
Overall Voltage Gain	68.630 m