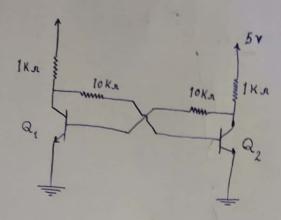
المع ترى ما معل معتر

4-7



Bmin = 13

when Q₁ is ON: R_c = $\frac{V_{cc} - V_{cf(sat)}}{I_{c}} = \frac{5.8}{2mA} = 2.9 \text{ K.r.}$

$$I_{B_{min}} = I_{C} = 2$$

$$B = \frac{2}{70} = 28.5 \mu A$$
Assumption $I_{B} = 50 \mu A$

$$R_{B_{min}} = \frac{V_{CC} - V_{BF(ON)}}{I_B} - R_C \longrightarrow R_{Bmin} = 103.1 \text{ Ks}$$

.5.7

