$$\frac{d}{ds} = \frac{-0.9 - (-10)}{R_{b1} + R_{b3}} \times R_{b} - 10 = -1.5$$

$$= > R_{b1} = \frac{0.9}{0.68 \times 2} \longrightarrow R_{b3} = 2.2 \times 2.2 \times 2.2$$

$$Q_1 - \frac{1}{2} = \frac{1}{2} \frac{1}$$

$$R_{b2} = 160 \text{ KD}$$

$$C_{1} = 1 \text{ on } F$$

$$i_{B2} = \frac{9 \text{cc} - 9 \text{BE} - 9 \text{o}}{R_{b2}} = \frac{10 - 1.4}{150} \approx 0.057 \text{ mA}$$

$$i_{C2} = \frac{9 \text{cc} - 9 \text{ce}_{2} - 9 \text{o}}{R_{C2}} = \frac{9.1}{R_{C2}}$$

$$R_{c2}$$
 $R_{H} + R_{b3} = \frac{9.1}{R_{c2}} - \frac{10.5}{2.8}$

$$\omega = \frac{1}{R_C} = \frac{2\pi}{T} \longrightarrow R_C = \frac{1m}{2\pi} = 159\mu s$$

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$$254. \pm \frac{T_2}{T_1 + T_2} =)$$

$$f_1 = \frac{1}{T_1 + T_2} = 5kHZ = 5 + T_1 + T_2 = 0.2ms$$