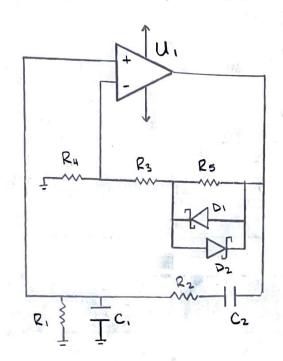
WEIN BRIDGE W/ AGC



$$R_1 = R_2 = 20 \text{ K.T.}$$
 $C_1 = C_2 = 4 \text{ nF}$ 
 $R_3 = R_4 = 25 \text{ K.T.}$ 
 $R_5 = 40 \text{ K.T.}$ 

$$f = \frac{1}{2\pi RC} = 2000$$

ASSUME R=20KIL ⇒ C ≈ 40F

ASSUME CI=CZ = 4nF & RI = RZ =20K1

FROM NOTES:

TO SATISFY BSC

$$1 + \frac{R_3}{R_4} = 3$$

AFTER TUNING & ADDING AN AGC

U1: AD8608 OP AMP -> 10 MHZ

