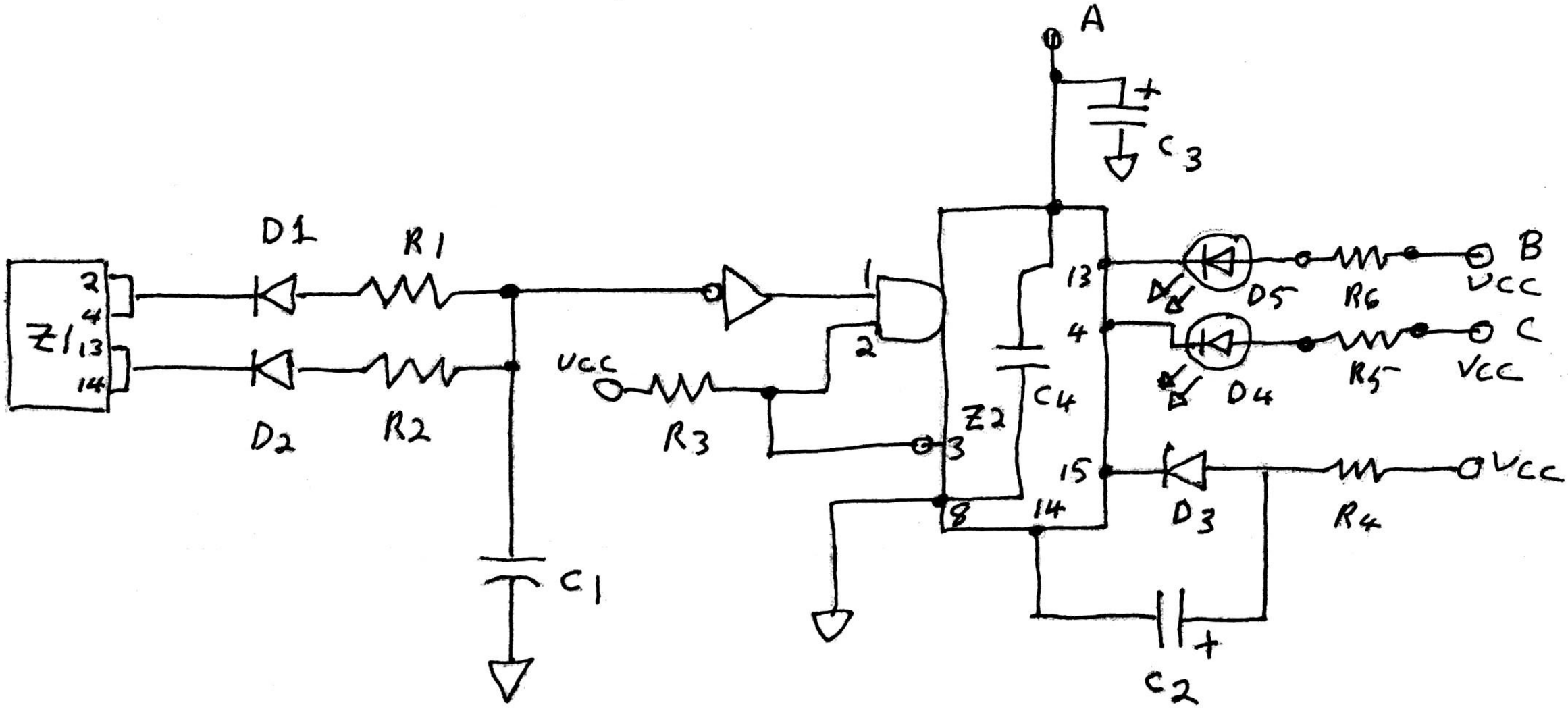
# FREQUENCY LOCK DETECTOR




C1 - .02 UF DISC
C2 - 10 UF/25VDC
C3 - .7UF/16VDC  C4 - .01UF DISC
D1 - 1N34A
D2 - 1N34A
D3 - IN914
D4 + D5 - LED
R1 + R2 - 220 OHMS 1/4 WATT
R3 - 10K OHM 1/4 WATT
R4 - 33K OHM 1/4
R5 + R6 - 330 OHM 1/4 WATT
Z1 - 4044 IN GLB CHANNELIZER
Z2 - SN74123

A. VCC = PICK UP ON R36 IN GLB

B. GREEN LED TO INDICATE 'LOCK'

C. RED LED TO INDICATE 'UNLOCK'

NOTE: VCC - 5 VOLTS

CCT BOARD FITS NICELY, MOUNTED IN UPPER LEFT HAND CORNER OF MAIN CCT BOARD. ABOVE "Z1"

20/1/76
VE1AJZ/VE1AYE