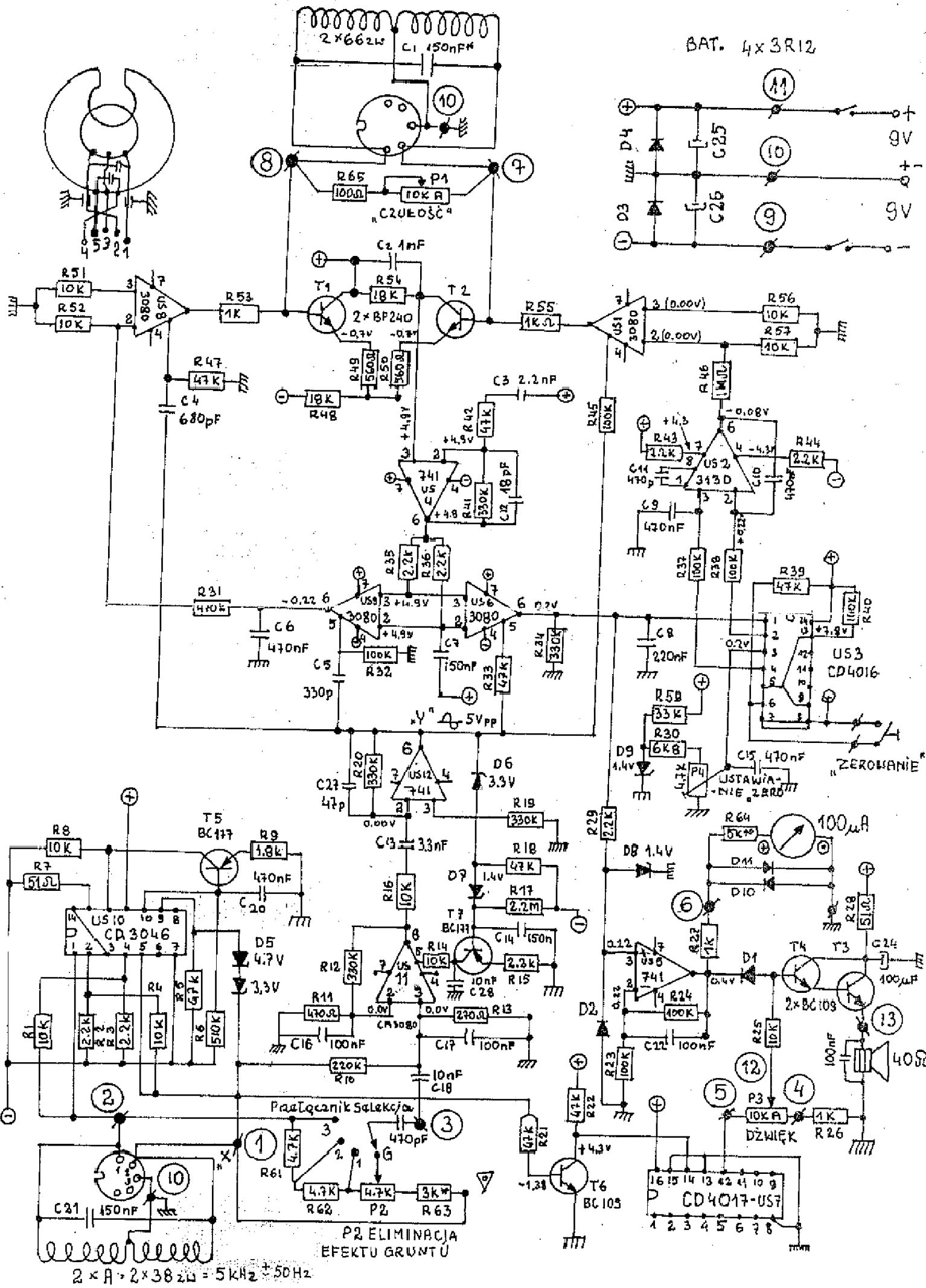


# SCHEMAT IDEOWY WYKRYWACZA



BAT. 4x3R12

2x66Ω  
C1 150nF

R65 100Ω  
P1 10K Ω  
"CZUŁOŚĆ"

T1 2x BP240  
R54 18K  
C2 1nF  
R53 1K

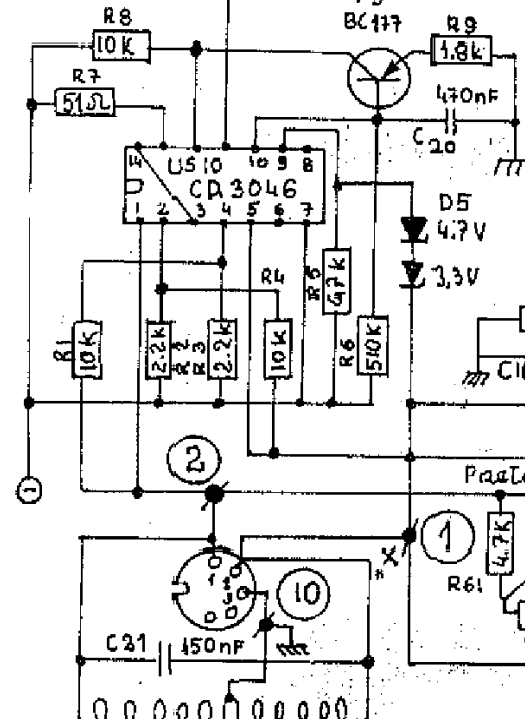
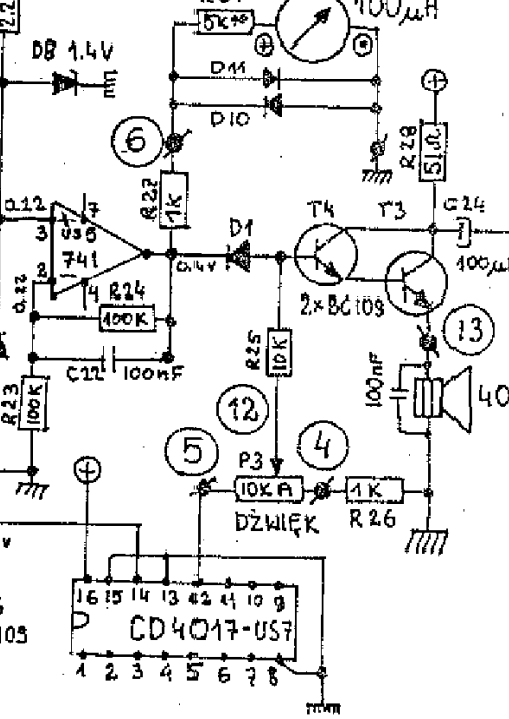
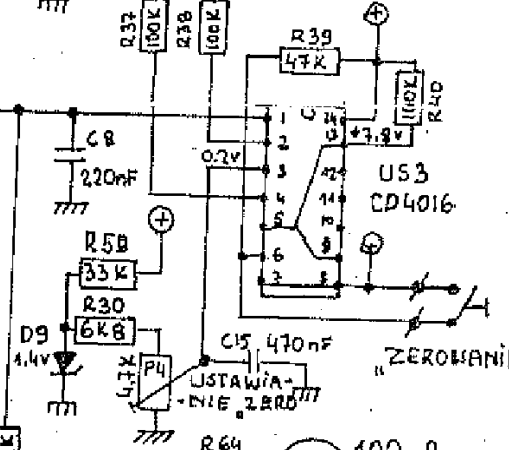
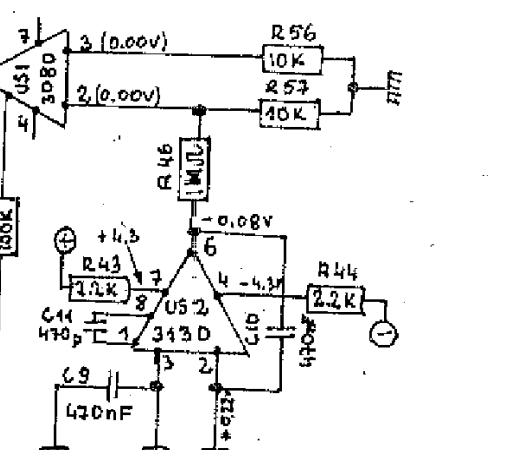
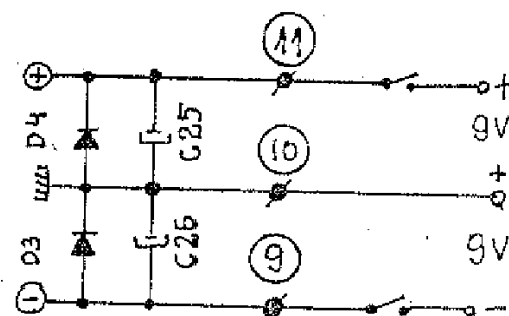
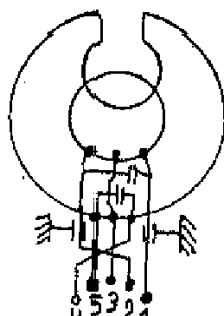
R47 47K  
C4 680pF  
R49 500Ω  
R50 500Ω  
R48 18K  
R42 47K  
C3 2.2nF  
R41 550Ω  
C2 48pF

R31 470Ω  
C6 470nF  
C5 330p  
R32 100K  
R33 47K  
R34 330Ω  
R35 2.2K  
R36 2.2K  
R37 100K  
R38 100K  
R39 47K  
R40 100Ω  
US3 CD4016  
R44 2.2K  
C11 470p  
C9 470nF  
R43 2.2K  
R46 100Ω  
R45 100K  
R44 2.2K  
C10 470p

R20 330K  
R21 330K  
D6 3.3V  
R19 330K  
R18 47K  
R17 2.2M  
R16 10K  
D9 1.4V  
R15 2.3K  
R14 10K  
C14 150n  
R13 270Ω  
C17 100nF  
C18 10nF  
R12 330K  
R11 470Ω  
R10 220K  
C16 100nF  
C15 470nF  
R29 2.2K  
R28 5K  
D8 1.4V  
D11 100μA  
D10 100μA  
R27 1K  
R26 1K  
R25 10K  
R24 100K  
R23 100K  
R22 47K  
R21 47K  
R20 330K  
R19 330K  
R18 47K  
R17 2.2M  
R16 10K  
D9 1.4V  
R15 2.3K  
R14 10K  
C14 150n  
R13 270Ω  
C17 100nF  
C18 10nF  
R12 330K  
R11 470Ω  
R10 220K  
C16 100nF  
C15 470nF

P2 ELIMINACJA  
EFEKTU GRUNTU  
R61 4.7K  
R62 4.7K  
R63 3K  
P2  
C21 150nF

$2 \times A \cdot 2 \times 38 \Omega = 5 \text{ kHz} \pm 50 \text{ Hz}$



Pasłycańnik Selekcji

USTAWIENIE  
DŁUGOŚĆI ZEROWANIA

100μA

40Ω

CD4017-UST7

DZIAŁANIE

P2 ELIMINACJA  
EFEKTU GRUNTU