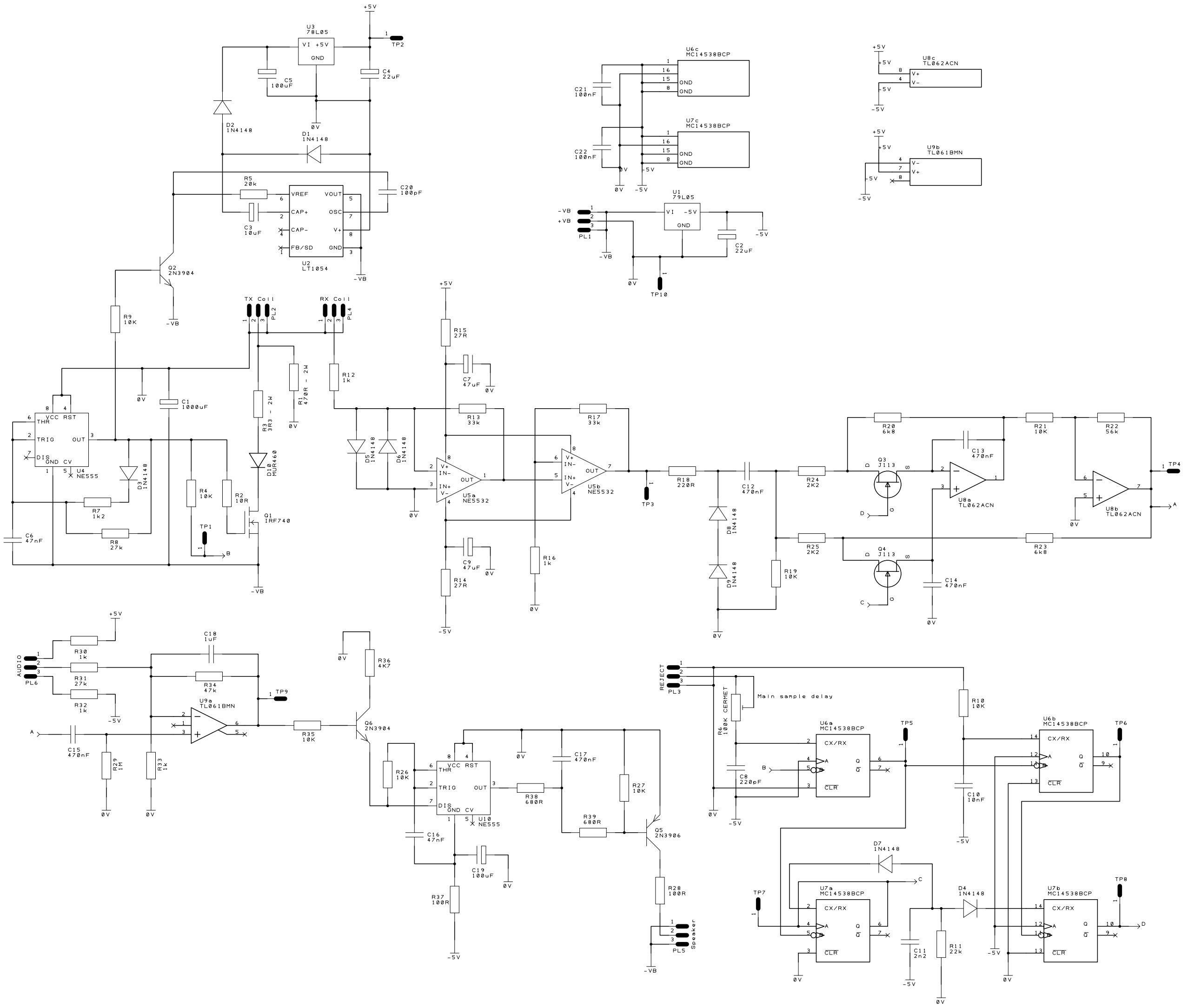
U3 78L05
VI +5V
GND
TP2
C5 100uF
C4 22uF
D2 1N4148
D1 1N4148
R5 20k
C20 100pF
C3 10uF
VREF
CAP+
CAP-
FB/SD
VOUT
OSC
V+
GND
U2 LT1054
Q2 2N3904
R9 10K
U6c MC14538BCP
C21 100nF
U7c MC14538BCP
C22 100nF
U8c TL062ACN
U9b TL061BMN
U1 79L05
-VB
+VB
PL1
C2 22uF
TP10
TX Coil
RX Coil
PL2
PL4
R15 27R
C7 47uF
R12 1k
R1 470R - 2W
R3 3R3 - 2W
D10 MUR460
C1 1000uF
U4 NE555
VCC RST
THR
TRIG
OUT
DIS
GND CV
D3 1N4148
R7 1k2
R8 27k
C6 47nF
R4 10K
R2 10R
Q1 IRF740
TP1
R13 33k
D5 1N4148
D6 1N4148
U5a NE5532
C9 47uF
R14 27R
R17 33k
U5b NE5532
R16 1k
TP3
R18 220R
C12 470nF
D8 1N4148
D9 1N4148
R19 10K
R20 6k8
R21 10K
R22 56k
C13 470nF
Q3 J113
U8a TL062ACN
U8b TL062ACN
TP4
R24 2K2
R25 2K2
Q4 J113
R23 6k8
C14 470nF
AUDIO
PL6
R30 1k
R31 27k
R32 1k
C18 1uF
R34 47k
U9a TL061BMN
TP9
C15 470nF
R29 1M
R33 1k
R35 10K
R36 4K7
Q6 2N3904
R26 10K
U10 NE555
C16 47nF
C19 100uF
R37 100R
R38 680R
C17 470nF
R39 680R
R27 10K
Q5 2N3906
R28 100R
Speaker
PL5
REJECT
PL3
R6 100K CERMET
Main sample delay
C8 220pF
U6a MC14538BCP
CX/RX
CLR
TP5
R10 10K
C10 10nF
U6b MC14538BCP
TP6
D7 1N4148
U7a MC14538BCP
TP7
D4 1N4148
C11 2n2
R11 22k
U7b MC14538BCP
TP8