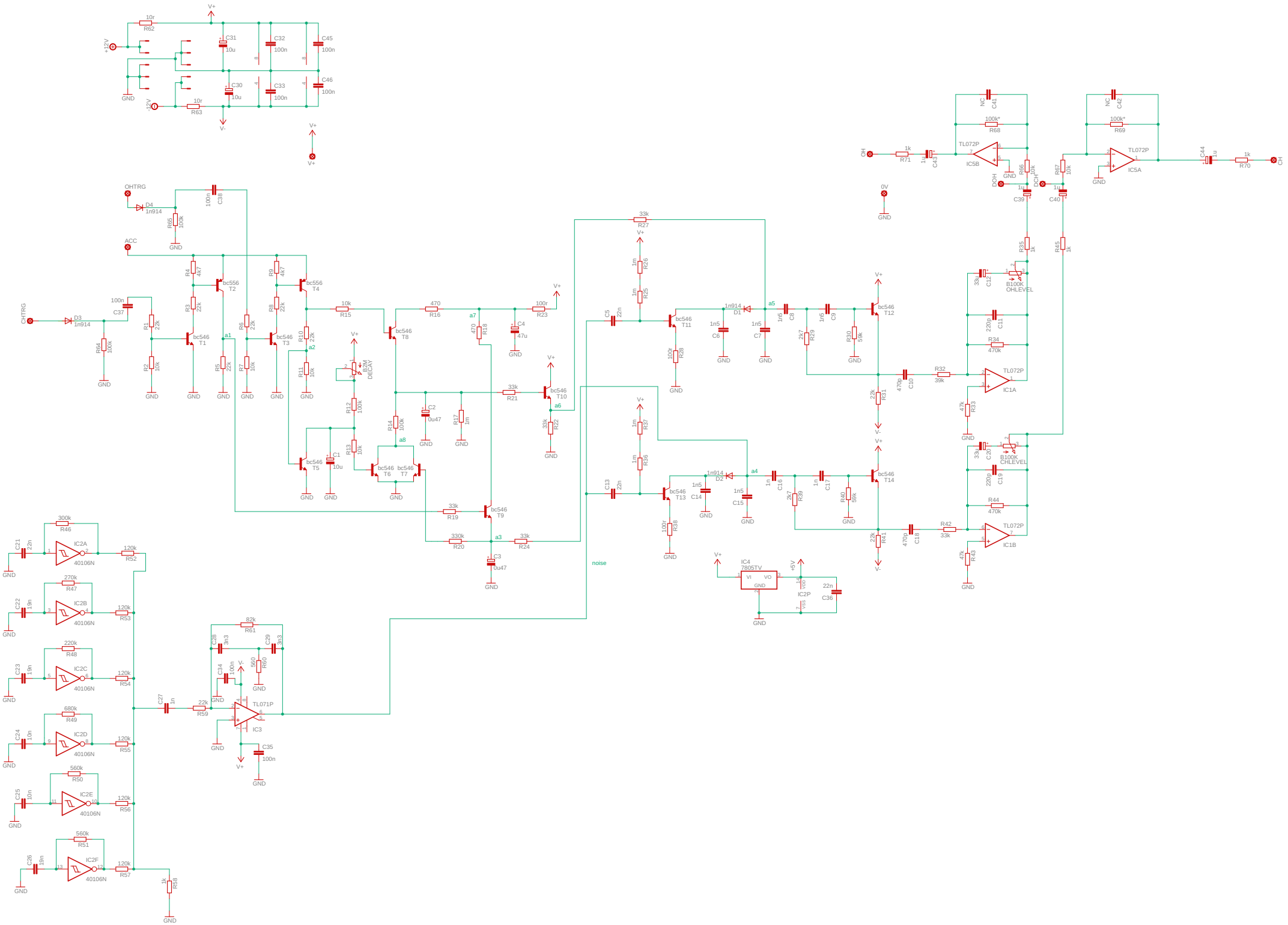

V+
V-
GND
+12V
-12V
10r
R62
R63
C31
10u
C32
100n
C45
100n
C30
10u
C33
100n
C46
100n
OHTRG
D4
1n914
R65
100k
C38
100n
ACC
CHTRG
D3
1n914
C37
100n
R64
100k
R1
22k
R2
10k
R3
22k
R4
4k7
R5
22k
R6
22k
R7
10k
R8
22k
R9
4k7
R10
22k
R11
10k
bc556
T2
bc556
T4
bc546
T1
bc546
T3
a1
a2
R15
10k
R16
470
R18
470
R23
100r
C4
47u
bc546
T8
B24
DECAY
R12
100k
R13
10k
R14
100k
R17
1m
C2
0u47
C1
10u
bc546
T5
bc546
T6
bc546
T7
a8
R19
33k
R20
330k
R24
33k
C3
0u47
bc546
T9
R21
33k
R22
33k
bc546
T10
a6
R27
33k
R26
1m
R25
1m
C5
22n
bc546
T11
R28
100r
1n914
D1
1n5
C6
1n5
C7
a5
1n5
C8
1n5
C9
2k7
R29
R30
59k
bc546
T12
R31
22k
R32
39k
C10
470p
R33
47k
R34
470k
C11
220p
C12
33u
B100K
OHLEVEL
TL072P
IC1A
R35
1k
R45
1k
R37
1m
R36
1m
C13
22n
bc546
T13
R38
100r
1n914
D2
1n5
C14
1n5
C15
a4
1n
C16
2k7
R39
1n
C17
R40
59k
bc546
T14
R41
22k
R42
33k
C18
470p
R43
47k
R44
470k
C19
220p
C20
33u
B100K
CHLEVEL
TL072P
IC1B
IC4
7805TV
VI
VO
GND
+5V
IC2P
VDD
VSS
22n
C36
noise
OH
R71
1k
C43
1u
NC
C41
100k*
R68
TL072P
IC5B
R66
10k
DOH
C39
1u
DCH
C40
1u
R67
10k
NC
C42
100k*
R69
TL072P
IC5A
C44
1u
R70
1k
CH
0V
R46
300k
IC2A
40106N
R52
120k
C21
22n
R47
270k
IC2B
40106N
R53
120k
C22
19n
R48
220k
IC2C
40106N
R54
120k
C23
19n
R49
680k
IC2D
40106N
R55
120k
C24
10n
R50
560k
IC2E
40106N
R56
120k
C25
10n
R51
560k
IC2F
40106N
R57
120k
C26
19n
R58
1k
R61
82k
C28
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C29
3n3
C34
100n
R60
560
C27
1n
R59
22k
TL071P
IC3
C35
100n