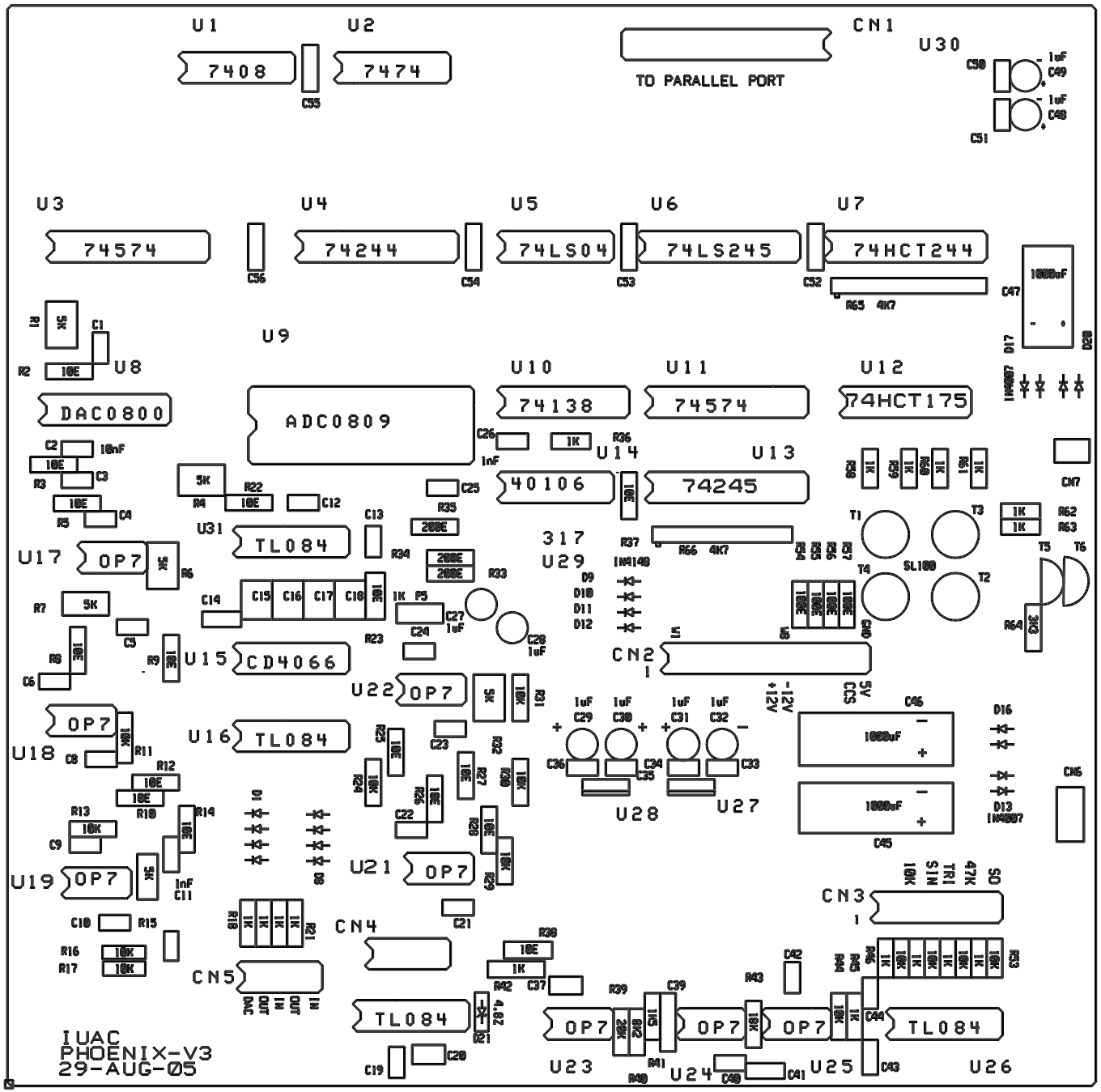
U1
7408
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7474
C55
CN1
TO PARALLEL PORT
U30
C50
1uF
C49
1uF
C48
C51
U3
74574
U4
74244
U5
74LS04
U6
74LS245
U7
74HCT244
C56
C54
C53
C52
R65 4K7
1000uF
C47
D17
D20
1N4007
R1 5K
C1
R2 10E
U8
DAC0800
U9
ADC0809
U10
74138
U11
74574
U12
74HCT175
C26 1nF
R36 1K
U14
U13
40106
74245
C2 10nF
R3 10E
C3
R4 5K
R22 10E
C12
C25
R35 200E
U31
TL084
R5 10E
C4
C13
R34
200E
200E
R33
317
U29
R37
1N4148
D9
D10
D11
D12
R66 4K7
T1
T3
SL100
T4
T2
T5
T6
R64 3K3
U17
OP7
5K
R6
R7 5K
C14
C15
C16
C17
C18
10E
1K P5
C27 1uF
C28 1uF
R23
C24
C5
R8 10E
C6
R9 10E
U15
CD4066
CN2
U22
OP7
5K
10K
R10
C29 1uF
C30 1uF
C31 1uF
C32 1uF
+12V
-12V
5V
CCS
C46
1000uF
C45
D16
D13
1N4007
CN6
U18
OP7
10K
R11
C8
R12 10E
R10 10E
U16
TL084
C22
10E
C23
R24 10K
R26 10E
R27 10E
R28 10K
C36
C35
C34
C33
U28
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R13 10K
C9
R14 10E
U19
OP7
5K
1nF
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U21
OP7
C21
R18 1K
R21 1K
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SIN
TRI
47K
SO
CN4
R38 10E
1K
R42
C37
C42
R43
R44 1K
R45 10K
R46 1K
R47 10K
R48 1K
R49 10K
R50 1K
R51 10K
C38
CN5
DAC
OUT
IN
R16 10K
R17 10K
TL084
R39 2K2
R40 2K2
C41
R41
C39
OP7
OP7
OP7
10K
C44
TL084
C19
C20
C40
C43
U23
U24
U25
U26
IUAC
PHOENIX-V3
29-AUG-05