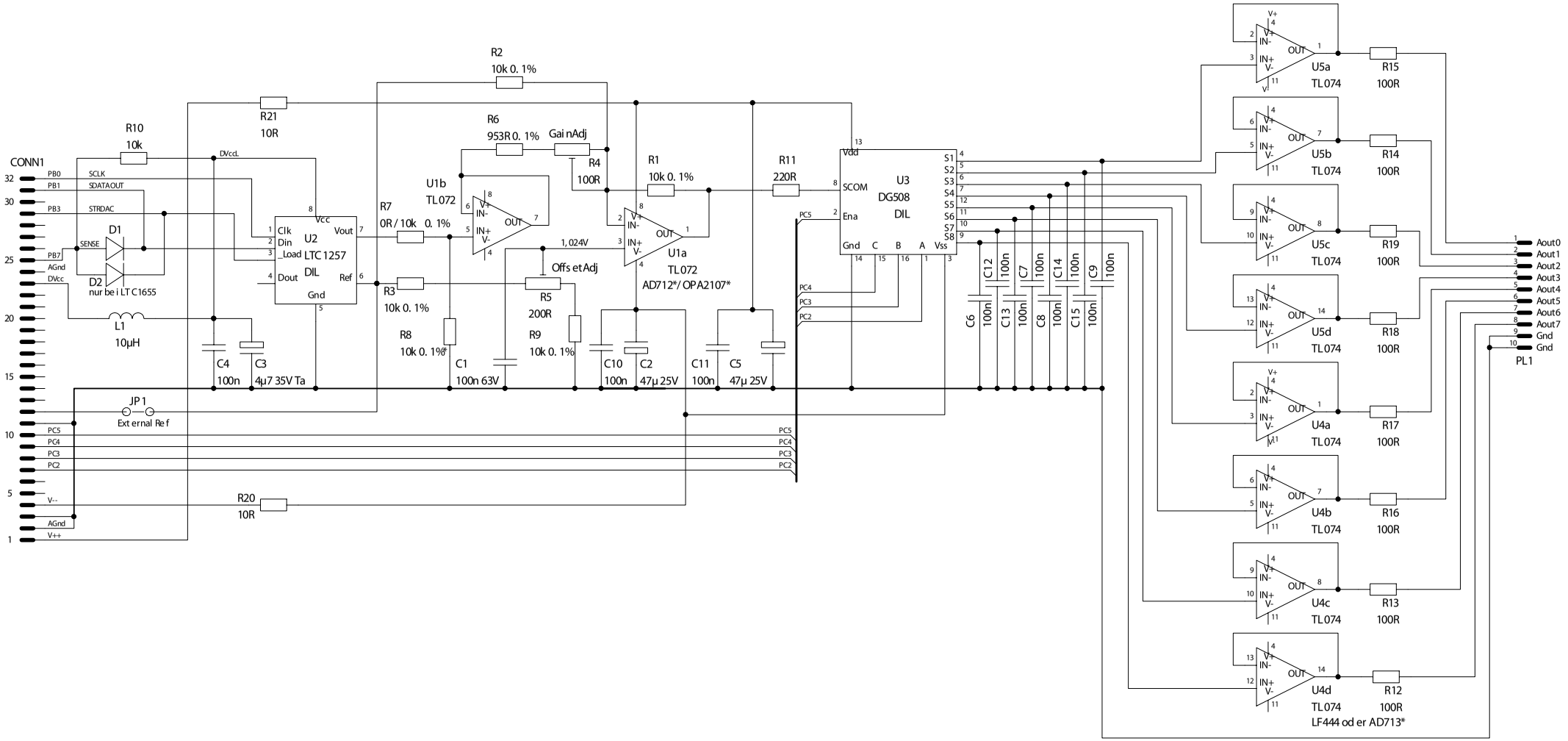
CONN1
PB0
PB1
PB3
PB7
AGnd
DVcc
PC5
PC4
PC3
PC2
V--
AGnd
V++
SCLK
SDATAOUT
STRDAC
SENSE
D1
D2
nur be i LT C1655
L1
10µH
R10
10k
DVccL
R21
10R
U2
LTC 1257
DIL
Clk
Din
_Load
Dout
Vcc
Vout
Ref
Gnd
C4
100n
C3
4µ7 35V Ta
JP1
Ext ernal Ref
R20
10R
R2
10k 0. 1%
R6
953R 0. 1%
Gai nAdj
R4
100R
U1b
TL072
R7
0R / 10k 0. 1%
R3
10k 0. 1%
R8
10k 0. 1%*
C1
100n 63V
1, 024V
Offs et Adj
R5
200R
R9
10k 0. 1%
R1
10k 0. 1%
U1a
TL072
AD712*/ OPA2107*
C10
100n
C2
47µ 25V
R11
220R
C11
100n
C5
47µ 25V
U3
DG508
DIL
Vdd
SCOM
Ena
Gnd
C
B
A
Vss
S1
S2
S3
S4
S5
S6
S7
S8
C6
100n
C12
100n
C13
100n
C7
100n
C8
100n
C14
100n
C15
100n
C9
100n
U5a
TL074
R15
100R
U5b
TL074
R14
100R
U5c
TL074
R19
100R
U5d
TL074
R18
100R
U4a
TL074
R17
100R
U4b
TL074
R16
100R
U4c
TL074
R13
100R
U4d
TL074
R12
100R
LF444 od er AD713*
Aout0
Aout1
Aout2
Aout3
Aout4
Aout5
Aout6
Aout7
Gnd
Gnd
PL1