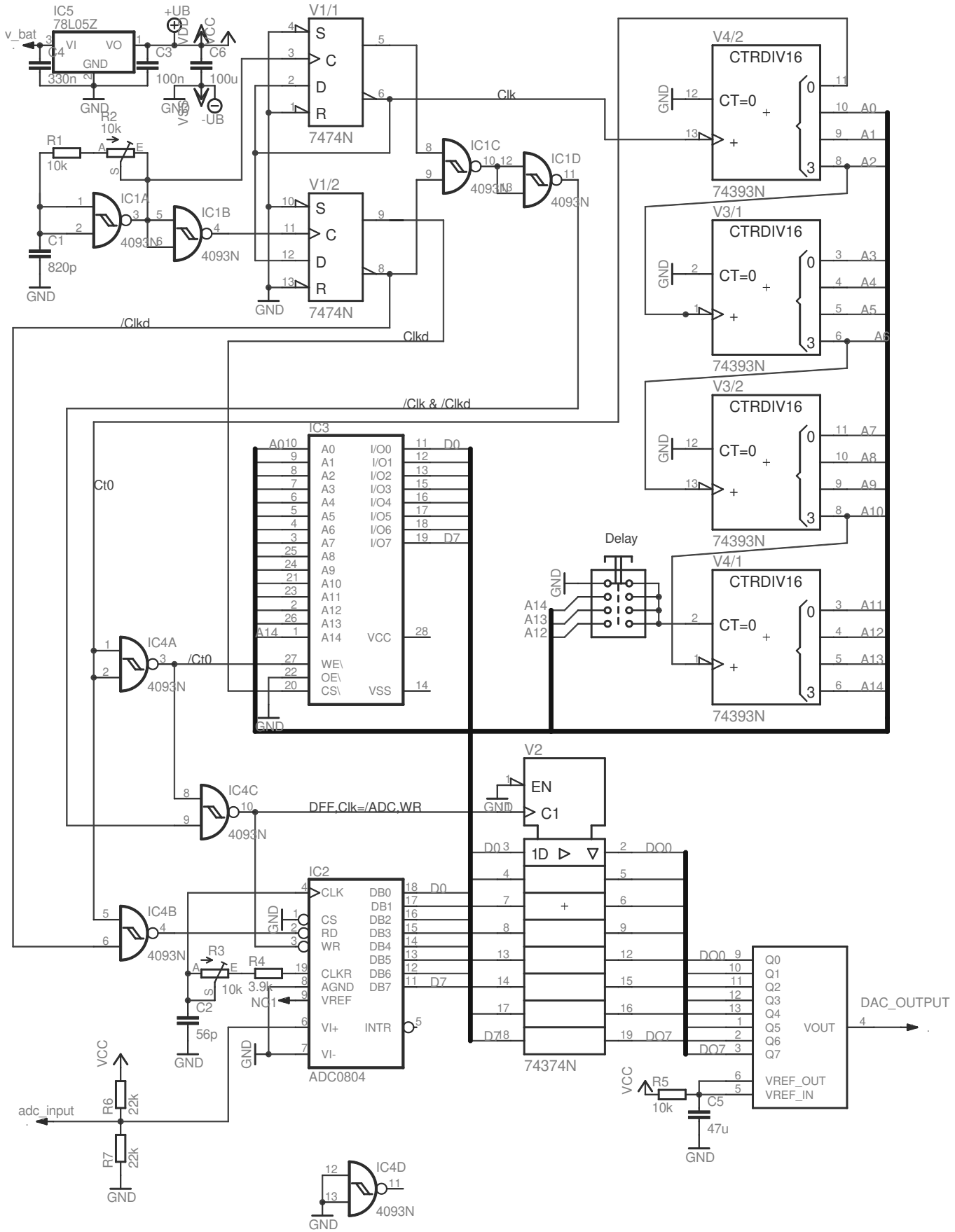
IC5
78L05Z
v_bat
VI
VO
GND
C4
330n
C3
100n
C6
100u
+UB
VCC
VDD
VSS
-UB
R1
10k
R2
10k
IC1A
IC1B
IC1C
IC1D
4093N
C1
820p
V1/1
V1/2
7474N
S
C
D
R
Clk
/Clkd
Clkd
/Clk & /Clkd
V4/2
V3/1
V3/2
V4/1
CTRDIV16
CT=0
74393N
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
A13
A14
Delay
IC3
I/O0
I/O1
I/O2
I/O3
I/O4
I/O5
I/O6
I/O7
D0
D7
WE\
OE\
CS\
VSS
VCC
Ct0
/Ct0
IC4A
IC4B
IC4C
IC4D
DFF,Clk=/ADC,WR
V2
EN
C1
1D
74374N
DO0
DO7
IC2
CLK
CS
RD
WR
CLKR
AGND
VREF
VI+
VI-
INTR
DB0
DB1
DB2
DB3
DB4
DB5
DB6
DB7
ADC0804
R3
10k
R4
3.9k
NC1
C2
56p
adc_input
R6
22k
R7
22k
R5
10k
C5
47u
Q0
Q1
Q2
Q3
Q4
Q5
Q6
Q7
VOUT
VREF_OUT
VREF_IN
DAC_OUTPUT