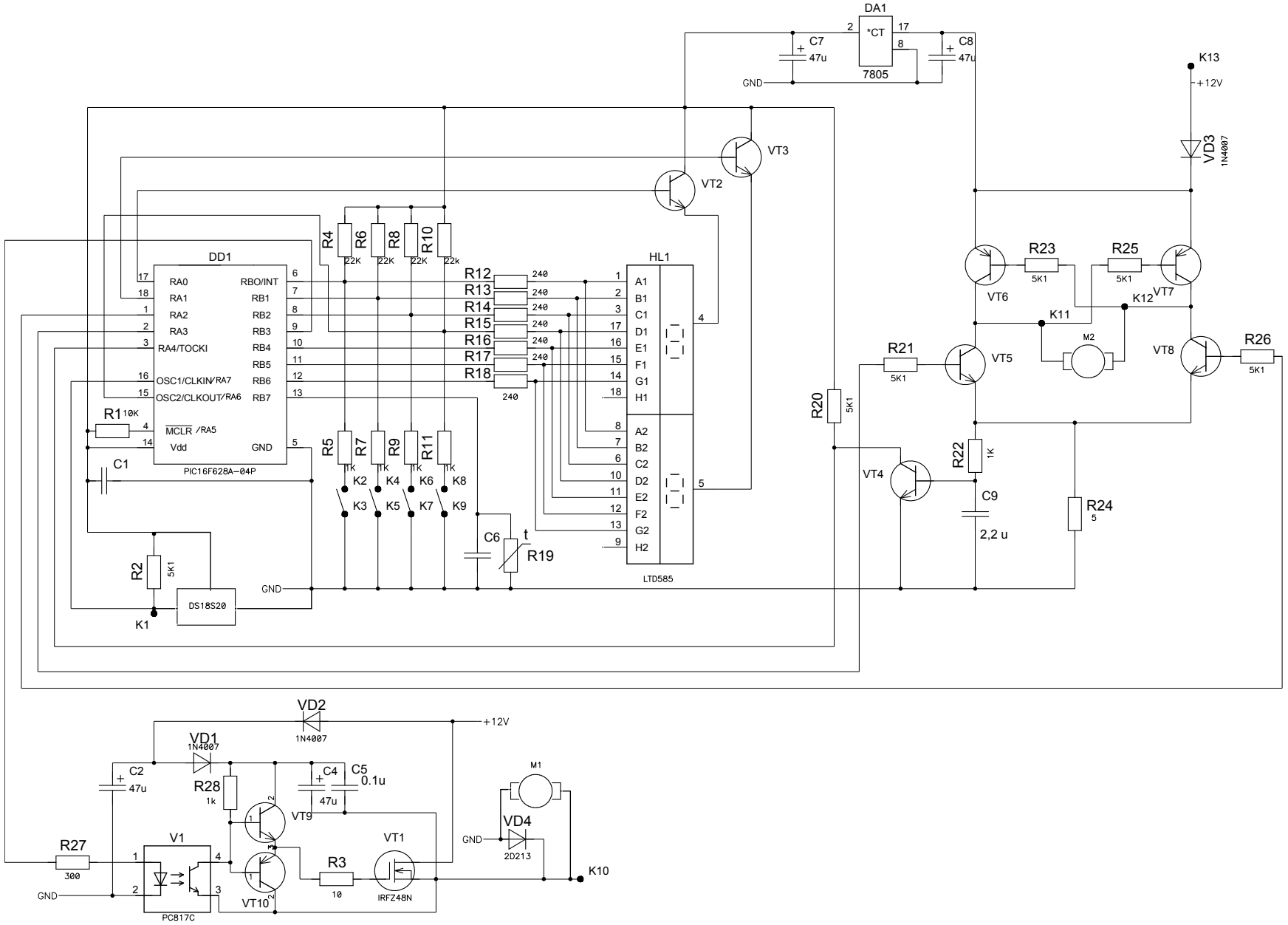
DA1
*CT
7805
C7
47u
C8
47u
GND
K13
+12V
VD3
1N4007
VT3
VT2
DD1
RA0
RA1
RA2
RA3
RA4/TOCKI
OSC1/CLKIN/RA7
OSC2/CLKOUT/RA6
MCLR /RA5
Vdd
GND
RBO/INT
RB1
RB2
RB3
RB4
RB5
RB6
RB7
PIC16F628A-04P
R1 10K
C1
R2 5K1
DS18S20
K1
R4
R6
R8
R10
22K
R12
R13
R14
R15
R16
R17
R18
240
HL1
A1
B1
C1
D1
E1
F1
G1
H1
A2
B2
C2
D2
E2
F2
G2
H2
LTD585
R5
R7
R9
R11
1K
K2
K3
K4
K5
K6
K7
K8
K9
C6
t
R19
R20 5K1
R23 5K1
R25 5K1
VT6
VT7
K12
K11
M2
R21 5K1
VT5
VT8
R26 5K1
VT4
R22 1K
C9
2,2 u
R24 5
VD2
1N4007
+12V
VD1
1N4007
C2
47u
R28
1k
C4
47u
C5
0.1u
VT9
M1
VD4
2D213
R27
300
V1
PC817C
VT10
R3
10
VT1
IRFZ48N
K10