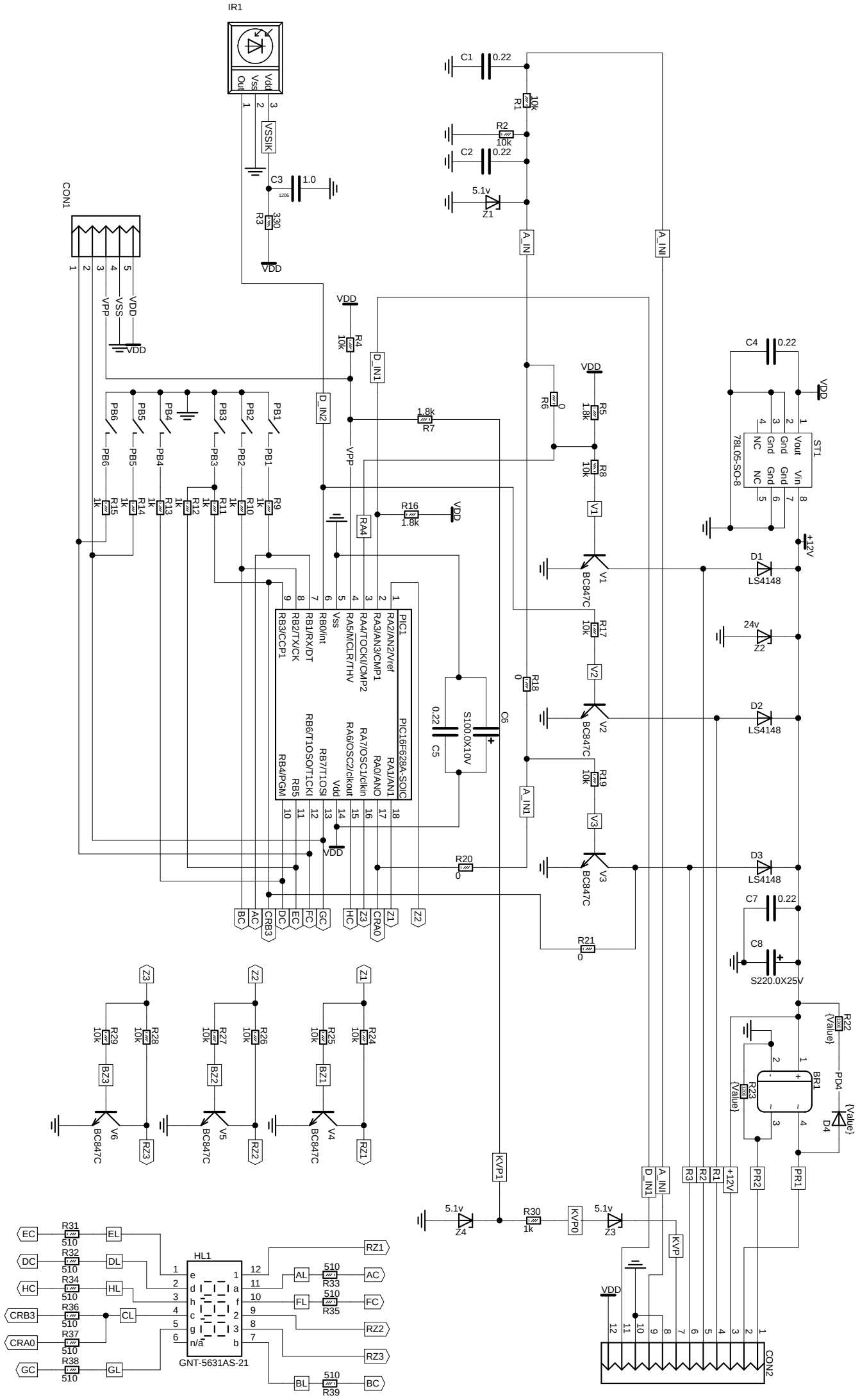
IR1
Vdd
Vss
Out
VSSIK
C3
1.0
R3
330
VDD
CON1
VPP
VSS
VDD
C1
0.22
R1
10k
R2
10k
C2
0.22
5.1v
Z1
A_IN
A_IN1
R4
10k
D_IN1
D_IN2
VPP
R6
0
R5
1.8k
R7
1.8k
R8
10k
R16
1.8k
RA4
V1
BC847C
R17
10k
V2
R18
0
R19
10k
V3
R20
0
R21
0
C4
0.22
ST1
78L05-SO-8
Vout
Vin
Gnd
NC
+12V
D1
LS4148
24v
Z2
D2
LS4148
D3
LS4148
C7
0.22
C8
S220.0X25V
PIC1
PIC16F628A-SOIC
RA2/AN2/Vref
RA3/AN3/CMP1
RA4/TOCKI/CMP2
RA5/MCLR/THV
Vss
RB0/int
RB1/RX/DT
RB2/TX/CK
RB3/CCP1
RB4/PGM
RB5
RB6/T1OSO/T1CKI
RB7/T1OSI
Vdd
RA6/OSC2/clkout
RA7/OSC1/clkin
RA0/AN0
RA1/AN1
C5
0.22
C6
S100.0X10V
PB1
PB2
PB3
PB4
PB5
PB6
R9
R10
R11
R12
R13
R14
R15
BC
AC
CRB3
DC
EC
FC
GC
HC
Z3
CRA0
Z1
Z2
R24
R25
R26
R27
R28
R29
BZ1
BZ2
BZ3
V4
V5
V6
RZ1
RZ2
RZ3
R22
{Value}
R23
{Value}
BR1
PD4
D4
{Value}
KVP1
KVP0
KVP
R30
1k
5.1v
Z4
Z3
PR1
PR2
R1
R2
R3
CON2
EC
DC
HC
CRB3
CRA0
GC
R31
R32
R34
R36
R37
R38
510
EL
DL
HL
CL
GL
HL1
GNT-5631AS-21
AL
FL
BL
R33
R35
R39
AC
FC
BC