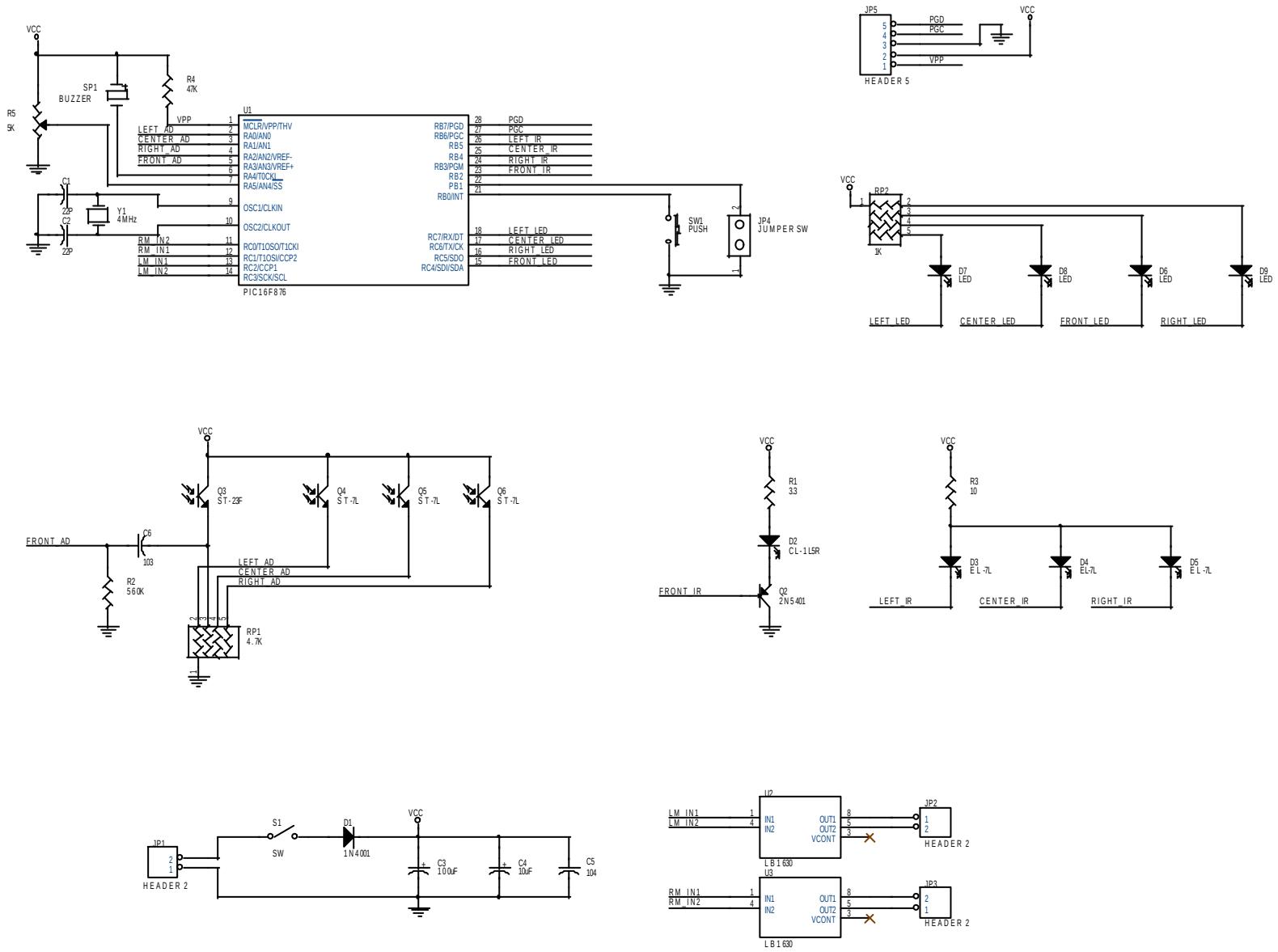
VCC
R5
5K
SP1
BUZZER
R4
47K
VPP
LEFT_AD
CENTER_AD
RIGHT_AD
FRONT_AD
C1
22P
C2
22P
Y1
4MHz
RM_IN2
RM_IN1
LM_IN1
LM_IN2
U1
MCLR/VPP/THV
RA0/AN0
RA1/AN1
RA2/AN2/VREF-
RA3/AN3/VREF+
RA4/T0CKI
RA5/AN4/SS
OSC1/CLKIN
OSC2/CLKOUT
RC0/T1OSO/T1CKI
RC1/T1OSI/CCP2
RC2/CCP1
RC3/SCK/SCL
RB7/PGD
RB6/PGC
RB5
RB4
RB3/PGM
RB2
PB1
RB0/INT
RC7/RX/DT
RC6/TX/CK
RC5/SDO
RC4/SDI/SDA
PIC16F876
PGD
PGC
LEFT_IR
CENTER_IR
RIGHT_IR
FRONT_IR
LEFT_LED
CENTER_LED
RIGHT_LED
FRONT_LED
SW1
PUSH
JP4
JUMPER SW
JP5
HEADER 5
RP2
1K
D7
LED
D8
LED
D6
LED
D9
LED
Q3
ST-23F
Q4
ST-7L
Q5
ST-7L
Q6
ST-7L
C6
103
R2
560K
RP1
4.7K
R1
3.3
D2
CL-115R
Q2
2N5401
R3
10
D3
EL-7L
D4
EL-7L
D5
EL-7L
JP1
HEADER 2
S1
SW
D1
1N4001
C3
100uF
C4
10uF
C5
104
U2
LB1630
IN1
IN2
OUT1
OUT2
VCONT
JP2
HEADER 2
U3
JP3
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Rev
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Date:
Tuesday, January 09, 2001
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1