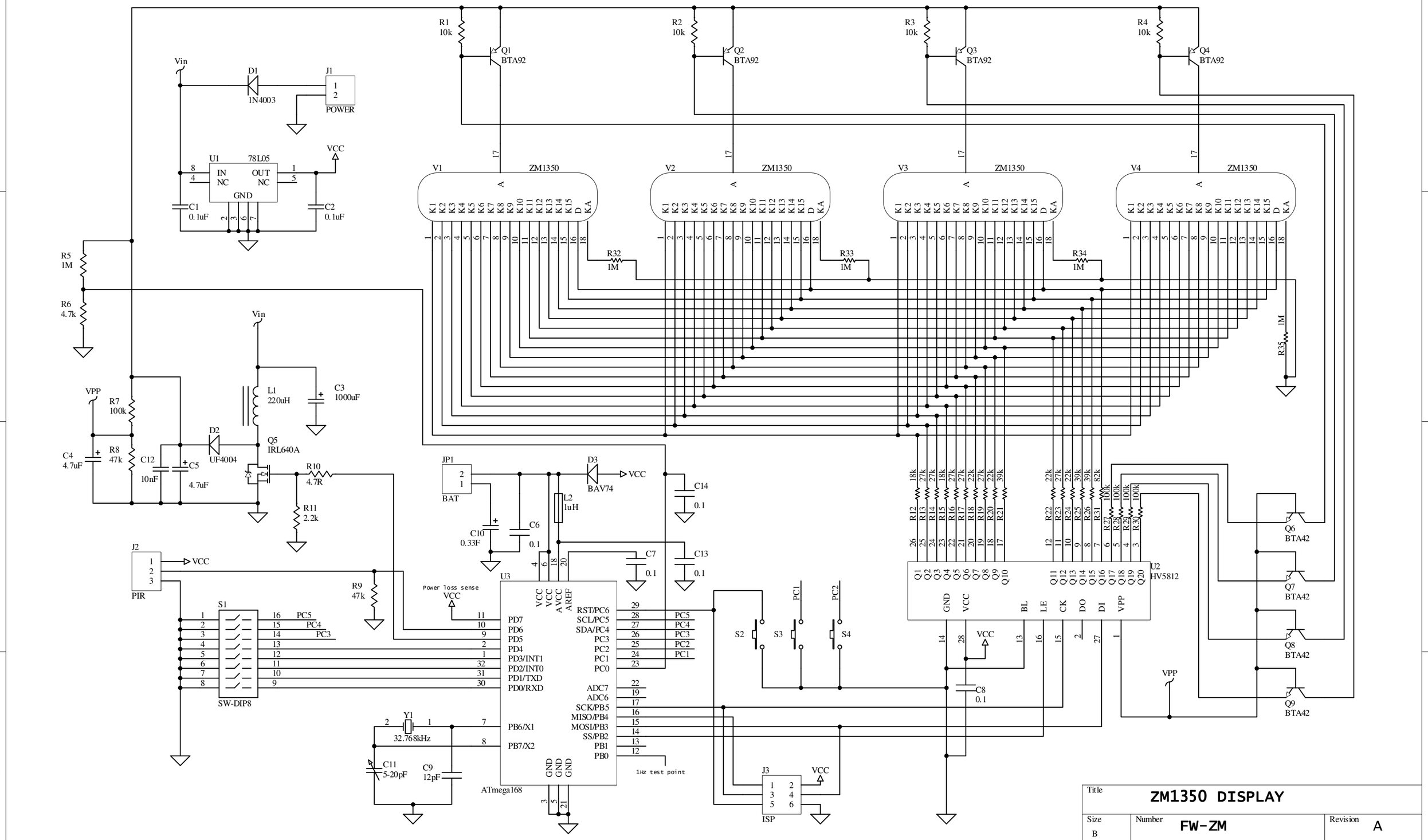
Title
ZM1350 DISPLAY
Size
B
Number
FW-ZM
Revision
A
Date: 4/20/2007
Sheet of 1 of 1
File: D:\Protel\FLW-ZM\FW-ZM1.SCHDOC
Drawn By: PEH
Vin
D1
1N4003
J1
POWER
U1
78L05
IN
OUT
NC
NC
GND
VCC
C1
0.1uF
C2
0.1uF
R1
10k
R2
10k
R3
10k
R4
10k
Q1
BTA92
Q2
BTA92
Q3
BTA92
Q4
BTA92
V1
V2
V3
V4
ZM1350
R32
1M
R33
1M
R34
1M
R35
1M
R5
1M
R6
4.7k
VPP
R7
100k
R8
47k
C4
4.7uF
C12
10nF
C5
4.7uF
D2
UF4004
L1
220uH
C3
1000uF
Q5
IRL640A
R10
4.7R
R11
2.2k
JP1
BAT
D3
BAV74
L2
1uH
C10
0.33F
C6
0.1
C14
0.1
C7
0.1
C13
0.1
J2
PIR
R9
47k
S1
SW-DIP8
PC5
PC4
PC3
U3
ATmega168
Power loss sense
PD7
PD6
PD5
PD4
PD3/INT1
PD2/INT0
PD1/TXD
PD0/RXD
RST/PC6
SCL/PC5
SDA/PC4
PC3
PC2
PC1
PC0
ADC7
ADC6
SCK/PB5
MISO/PB4
MOSI/PB3
SS/PB2
PB1
PB0
PB6/X1
PB7/X2
1Hz test point
Y1
32.768kHz
C11
5-20pF
C9
12pF
S2
S3
S4
PC1
PC2
J3
ISP
U2
HV5812
C8
0.1
Q6
BTA42
Q7
BTA42
Q8
BTA42
Q9
BTA42