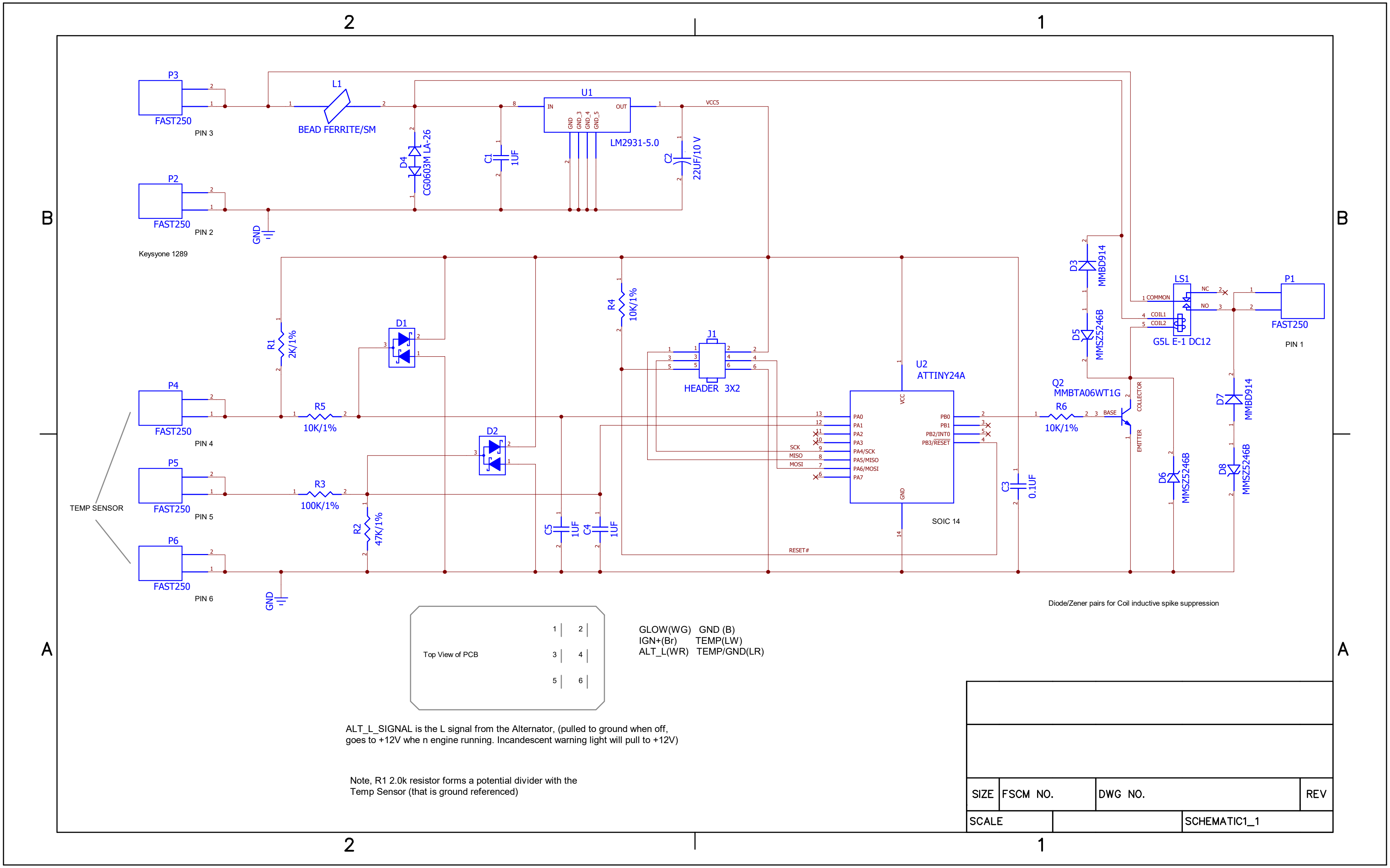
P3
FAST250
PIN 3
L1
BEAD FERRITE/SM
U1
LM2931-5.0
IN
OUT
VCC5
C1
1UF
C2
22UF/10 V
D4
CG0603M LA-26
P2
FAST250
PIN 2
GND
Keysyone 1289
R1
2K/1%
D1
R4
10K/1%
J1
HEADER 3X2
U2
ATTINY24A
SOIC 14
D3
MMBD914
D5
MMSZ5246B
LS1
G5L E-1 DC12
COMMON
COIL1
COIL2
NC
NO
P1
FAST250
PIN 1
Q2
MMBTA06WT1G
BASE
COLLECTOR
EMITTER
R6
10K/1%
D6
MMSZ5246B
D7
MMBD914
D8
MMSZ5246B
C3
0.1UF
P4
FAST250
PIN 4
R5
10K/1%
D2
P5
FAST250
PIN 5
R3
100K/1%
R2
47K/1%
C5
1UF
C4
1UF
P6
FAST250
PIN 6
GND
TEMP SENSOR
RESET#
Diode/Zener pairs for Coil inductive spike suppression
Top View of PCB
GLOW(WG) GND (B)
IGN+(Br) TEMP(LW)
ALT_L(WR) TEMP/GND(LR)
ALT_L_SIGNAL is the L signal from the Alternator, (pulled to ground when off,
goes to +12V whe n engine running. Incandescent warning light will pull to +12V)
Note, R1 2.0k resistor forms a potential divider with the
Temp Sensor (that is ground referenced)
SIZE
FSCM NO.
DWG NO.
REV
SCALE
SCHEMATIC1_1