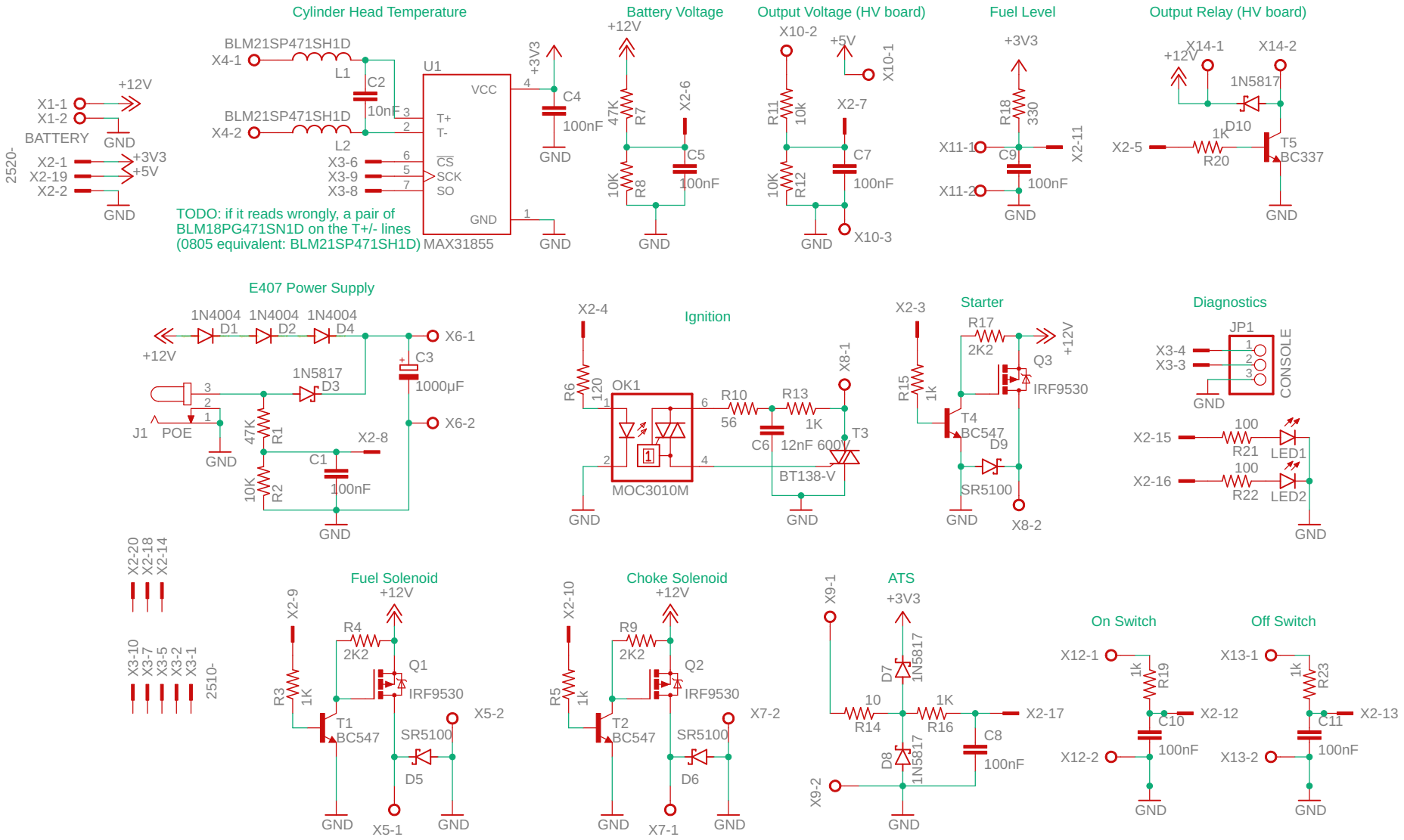
Cylinder Head Temperature
BLM21SP471SH1D
X4-1
L1
C2
10nF
BLM21SP471SH1D
X4-2
L2
U1
VCC
T+
T-
CS
SCK
SO
GND
MAX31855
X3-6
X3-9
X3-8
+3V3
C4
100nF
GND
TODO: if it reads wrongly, a pair of
BLM18PG471SN1D on the T+/- lines
(0805 equivalent: BLM21SP471SH1D)
+12V
X1-1
X1-2
BATTERY
GND
2520-
X2-1
X2-19
X2-2
+3V3
+5V
Battery Voltage
+12V
47K
R7
X2-6
10K
R8
C5
100nF
Output Voltage (HV board)
X10-2
+5V
X10-1
R11
10k
X2-7
10K
R12
C7
100nF
X10-3
Fuel Level
+3V3
R18
330
X11-1
C9
X2-11
X11-2
100nF
Output Relay (HV board)
+12V
X14-1
X14-2
1N5817
D10
X2-5
1K
R20
T5
BC337
E407 Power Supply
1N4004
D1
1N4004
D2
1N4004
D4
+12V
X6-1
C3
1000µF
1N5817
D3
J1
POE
47K
R1
X6-2
X2-8
C1
100nF
10K
R2
Ignition
X2-4
R6
120
OK1
R10
56
R13
1K
X8-1
C6
12nF 600V
T3
BT138-V
MOC3010M
Starter
X2-3
R17
2K2
+12V
Q3
IRF9530
R15
1k
T4
BC547
D9
SR5100
X8-2
Diagnostics
JP1
X3-4
X3-3
CONSOLE
X2-15
100
R21
LED1
X2-16
100
R22
LED2
X2-20
X2-18
X2-14
X3-10
X3-7
X3-5
X3-2
X3-1
2510-
Fuel Solenoid
+12V
X2-9
R4
2K2
Q1
IRF9530
R3
1K
T1
BC547
SR5100
X5-2
D5
X5-1
Choke Solenoid
+12V
X2-10
R9
2K2
Q2
IRF9530
R5
1k
T2
BC547
SR5100
X7-2
D6
X7-1
ATS
X9-1
+3V3
D7
1N5817
10
R14
1K
R16
X2-17
C8
100nF
D8
1N5817
X9-2
On Switch
X12-1
1k
R19
X2-12
C10
100nF
X12-2
Off Switch
X13-1
1k
R23
X2-13
C11
100nF
X13-2