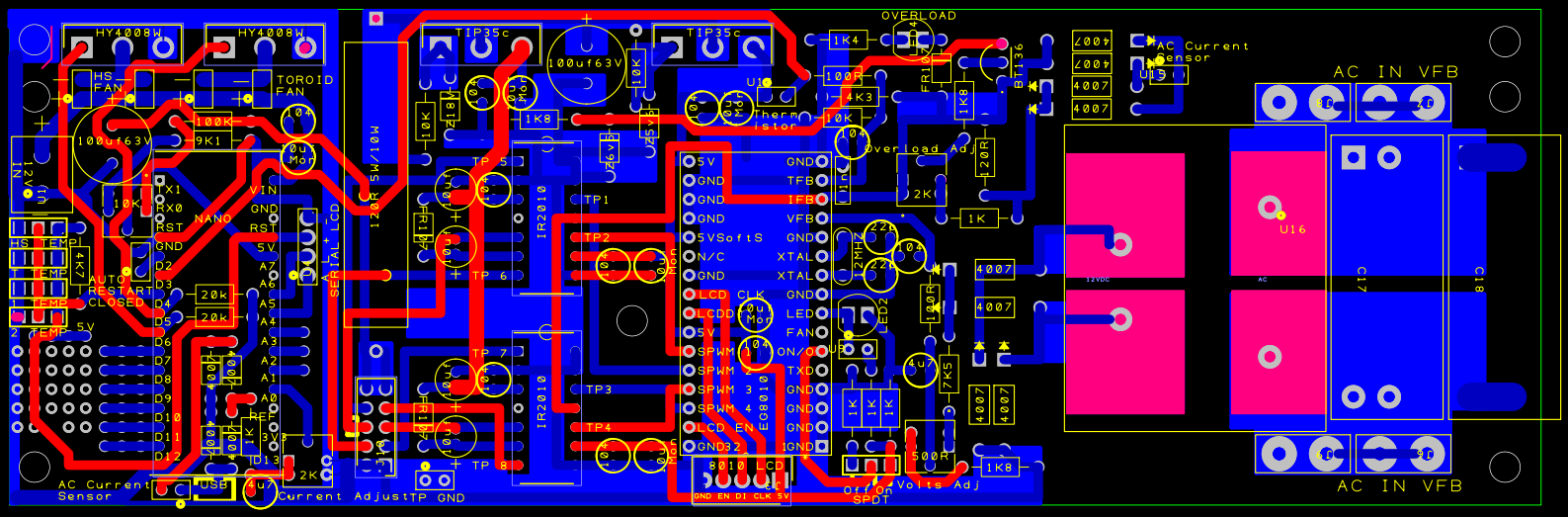
HY4008W
HY4008W
HS FAN
TOROID FAN
100uf63V
100K
9K1
10K
12V
U1
HS TEMP
T TEMP
RESET
2 TEMP
5V
X1
RX0
RST
GND
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
NANO
VIN
GND
RST
5V
A7
A6
A5
A4
A3
A2
A1
A0
3V3
D13
AUTO RESTART CLOSED
20k
20k
100K
100K
USB
2K
AC Current Sensor
Current Adjust
TP GND
SERIAL + LCD
12VDC/10W
TIP35c
TIP35c
100uf63V
10K
1K8
TP 5
TP 6
TP 7
TP 8
TP1
TP2
TP3
TP4
IR2010
IR2010
5V
GND
GND
GND
5VSoftS
N/C
GND
LCD CLK
LCDD
5V
SPWM 1
SPWM 2
SPWM 3
SPWM 4
LCD EN
GND3Z
GND
TFB
IFB
VFB
GND
XTAL
XTAL
GND
LED
FAN
ON/OFF
TXD
GND
GND
GND
10GND
EG8010
8010 LCD
GND EN DI CLK 5V
Thermistor
OVERLOAD
1K4
100R
4K3
10K
Overload Adj
2K
1K
220R
22p
12MHz
22p
LED2
1K
1K
1K
500R
1K8
Off On
SPDT
Volts Adj
FR107
BT136
4007
4007
4007
4007
4007
4007
4007
4007
AC Current Sensor
AC IN VFB
U16
C17
C18
AC IN VFB