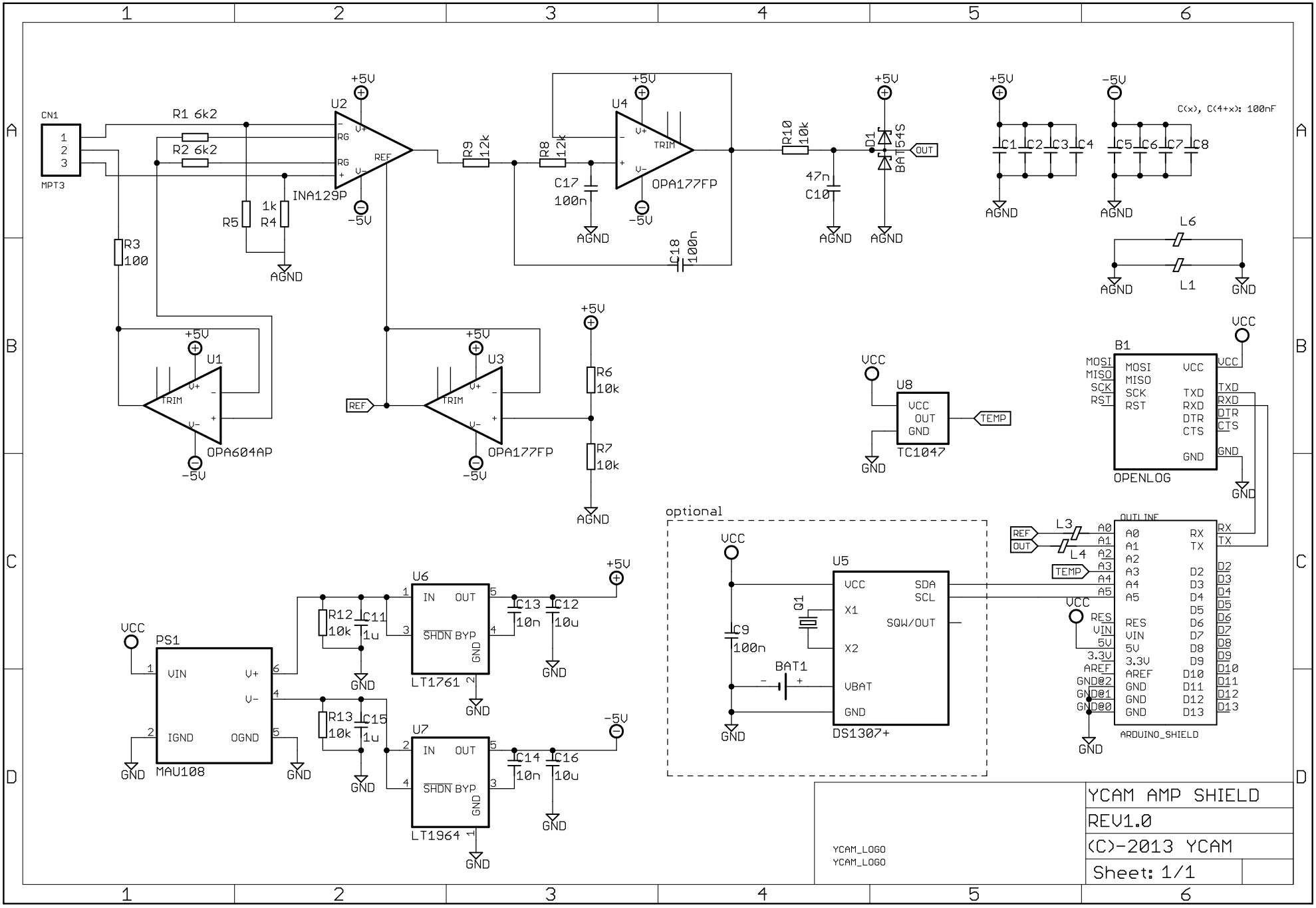
CN1
MPT3
R1 6k2
R2 6k2
R5
1k
R4
U2
INA129P
+5V
-5V
AGND
R3
100
U1
OPA604AP
R9 12k
R8 12k
C17
100n
U4
OPA177FP
C18
100n
R10
10k
47n
C10
D1
BAT54S
OUT
C1 C2 C3 C4
C5 C6 C7 C8
C(x), C(4+x): 100nF
L6
L1
GND
U3
REF
R6
10k
R7
10k
U8
VCC
OUT
GND
TEMP
TC1047
B1
MOSI
MISO
SCK
RST
TXD
RXD
DTR
CTS
OPENLOG
optional
U5
SDA
SCL
X1
X2
SQW/OUT
VBAT
G1
BAT1
C9
100n
DS1307+
L3
L4
OUTLINE
RX
TX
D2
D3
D4
D5
D6
D7
D8
D9
D10
D11
D12
D13
RES
VIN
5V
3.3V
AREF
GND02
GND01
GND00
ARDUINO_SHIELD
PS1
VIN
V+
V-
IGND
OGND
MAU108
U6
IN
OUT
SHDN
BYP
GND
LT1761
R12
10k
C11
1u
C13
10n
C12
10u
U7
LT1964
R13
10k
C15
1u
C14
10n
C16
10u
YCAM_LOGO
YCAM_LOGO
YCAM AMP SHIELD
REV1.0
(C)-2013 YCAM
Sheet: 1/1