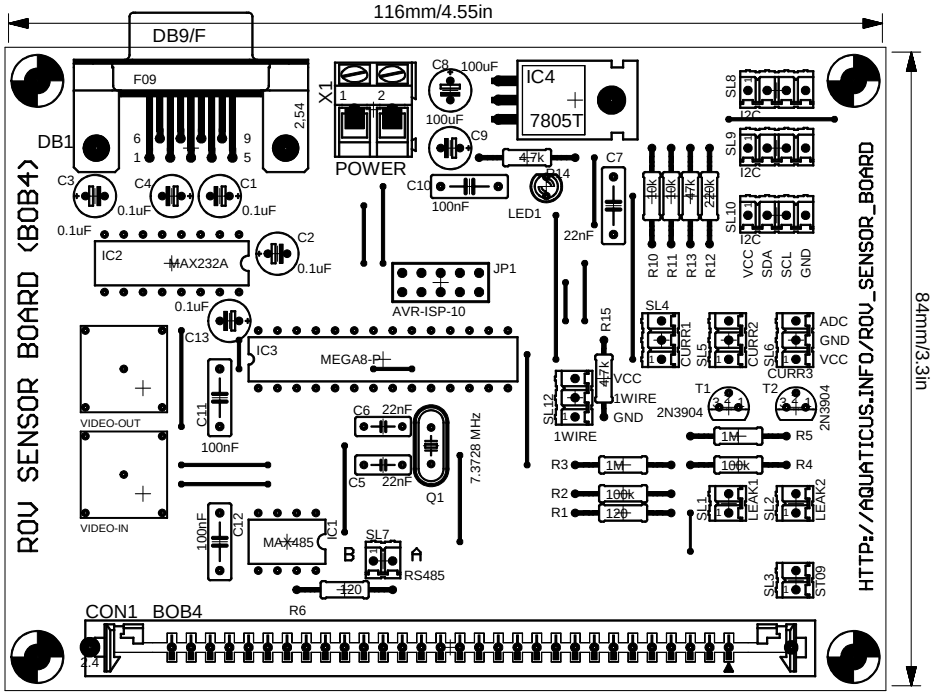
116mm/4.55in
84mm/3.3in
DB9/F
F09
DB1
2.54
X1
POWER
C8 100uF
C9 100uF
IC4
7805T
C10 100nF
R14 4.7k
LED1
C7 22nF
C3 0.1uF
C4 0.1uF
C1 0.1uF
C2 0.1uF
IC2
MAX232A
JP1
AVR-ISP-10
C13 0.1uF
IC3
MEGA8-P
VIDEO-OUT
VIDEO-IN
C11 100nF
C6 22nF
C5 22nF
Q1
7.3728 MHz
C12 100nF
IC1
MAX485
B
A
SL7
RS485
R6 120
CON1 BOB4
2.4
R15 4.7k
VCC
1WIRE
GND
SL12
1WIRE
T1
2N3904
T2
2N3904
R5 1M
R4 100k
R3 1M
R2 100k
R1 120
SL1
LEAK1
SL2
LEAK2
SL3
STO9
SL4
CURR1
SL5
CURR2
SL6
CURR3
ADC
GND
VCC
SL8
I2C
SL9
I2C
SL10
I2C
VCC
SDA
SCL
GND
R10 10k
R11 10k
R13 47k
R12 220k
ROV SENSOR BOARD (BOB4)
HTTP://AQUATICUS.INFO/ROV_SENSOR_BOARD