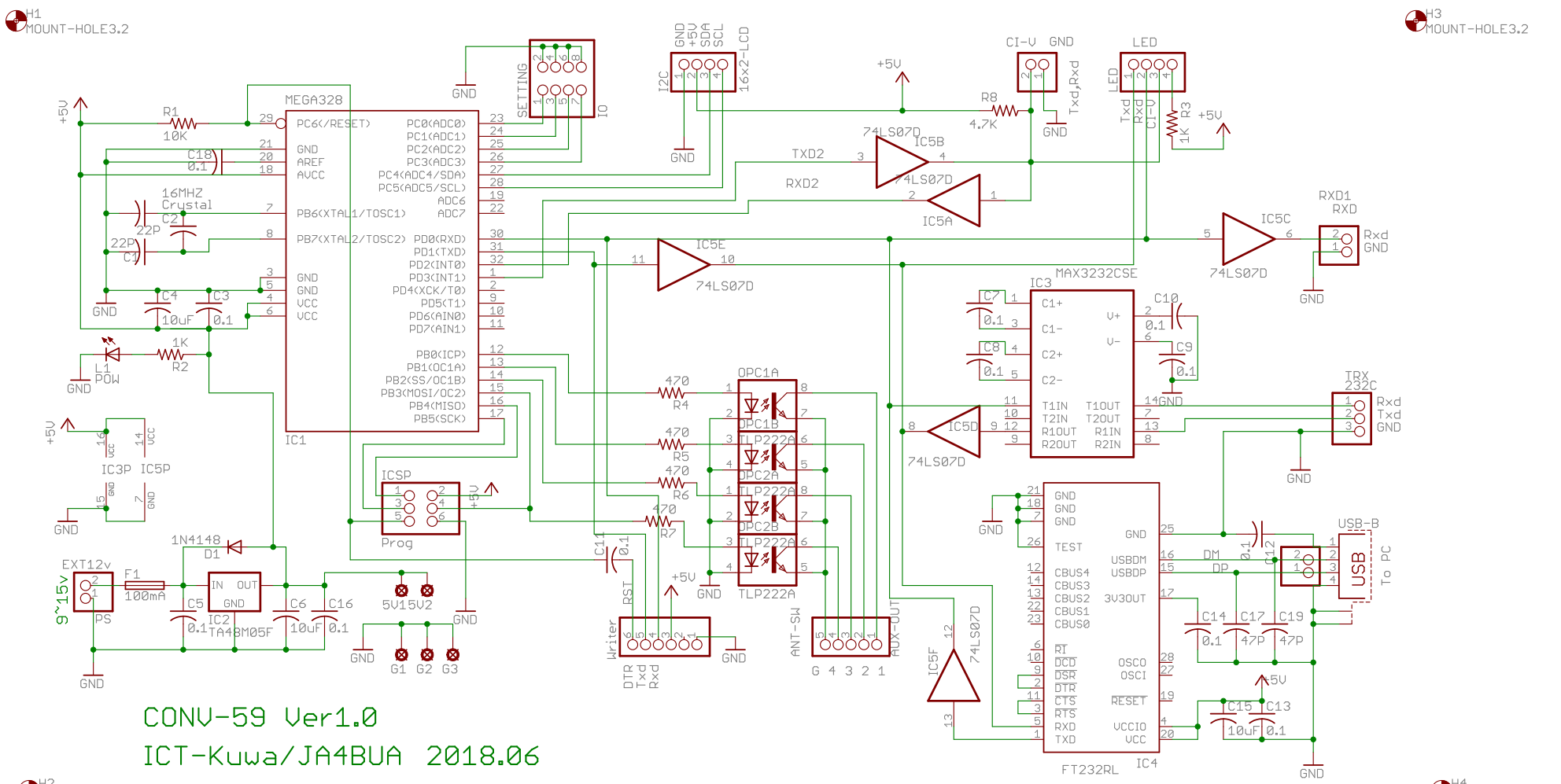
H1
MOUNT-HOLE3.2
H3
MOUNT-HOLE3.2
H2
MOUNT-HOLE3.2
H4
MOUNT-HOLE3.2
MEGA328
IC1
SETTING
I2C
16x2-LCD
LED
CI-V
R1
10K
R2
1K
R3
1K
R4
470
R5
470
R6
470
R7
470
R8
4.7K
C1
22P
C2
22P
C3
0.1
C4
10uF
C5
0.1
C6
10uF
C7
0.1
C8
0.1
C9
0.1
C10
0.1
C11
0.1
C12
0.1
C13
0.1
C14
0.1
C15
10uF
C16
0.1
C17
47P
C18
0.1
C19
47P
16MHZ
Crystal
L1
POW
D1
1N4148
F1
100mA
EXT12v
9~15v
PS
IC2
TA48M05F
IC3
MAX3232CSE
IC4
FT232RL
IC5A
74LS07D
IC5B
74LS07D
IC5C
74LS07D
IC5D
74LS07D
IC5E
74LS07D
IC5F
74LS07D
IC3P IC5P
OPC1A
OPC1B
OPC2A
OPC2B
TLP222A
ICSP
Prog
Writer
ANT-SW
AUX-OUT
G 4 3 2 1
G1 G2 G3
5V15V2
TRX
232C
USB-B
USB
To PC
TXD2
RXD2
RXD1
Txd,Rxd
GND
+5V
SDA
SCL
DTR
RST
Txd
Rxd
DM
DP
CONV-59 Ver1.0
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