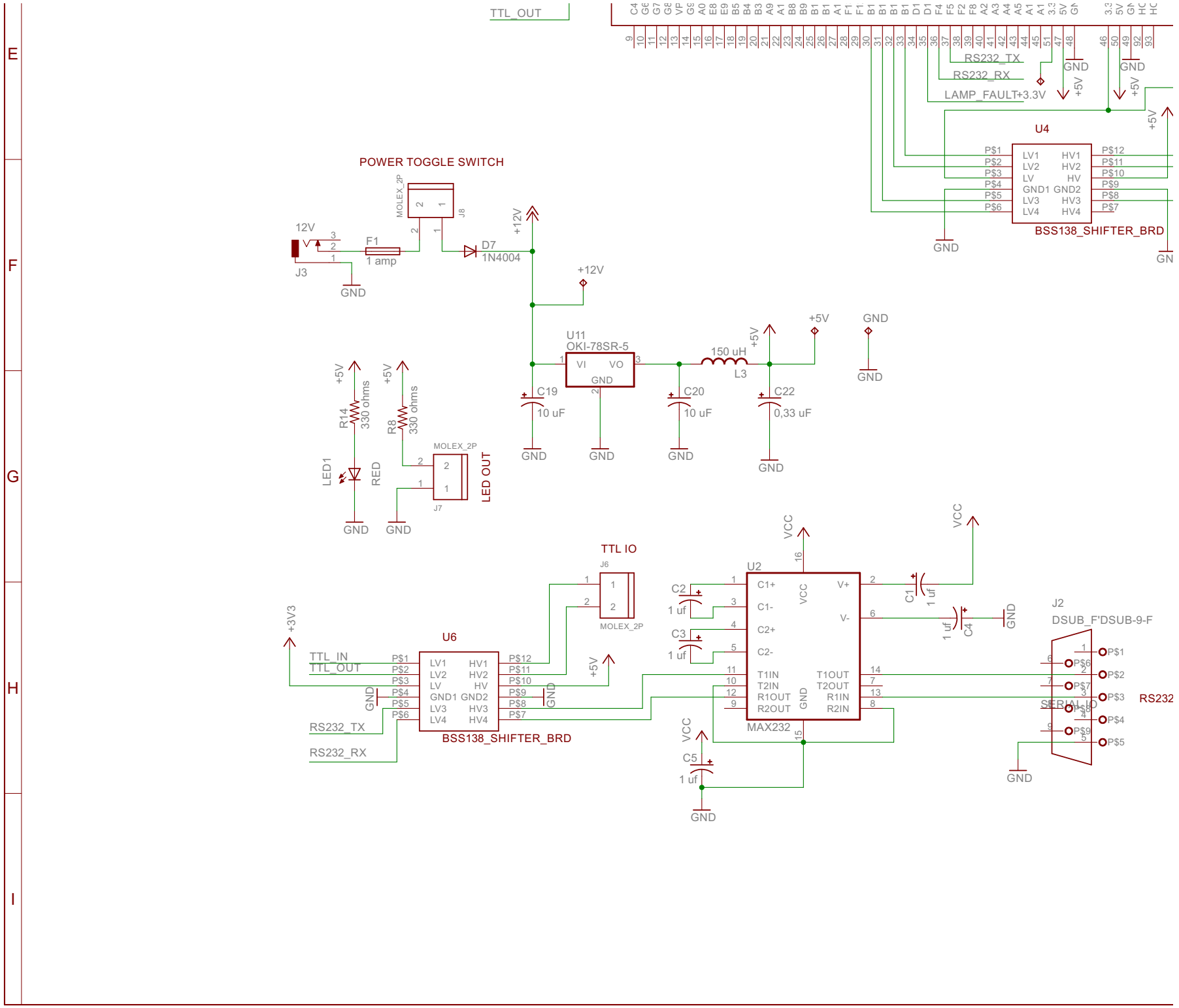
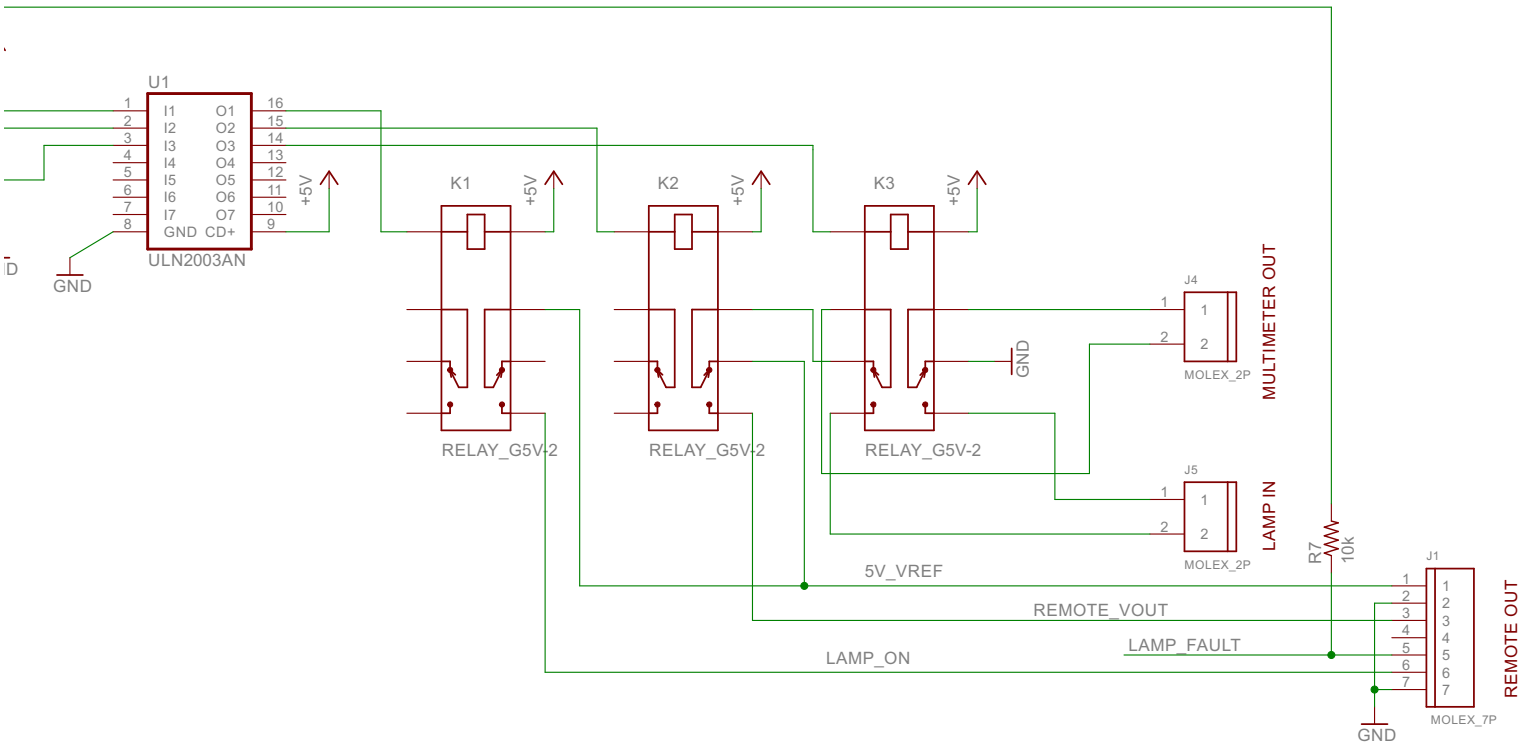

TTL_OUT
RS232_TX
RS232_RX
LAMP_FAULT
+3.3V
GND
+5V
U4
BSS138_SHIFTER_BRD
POWER TOGGLE SWITCH
MOLEX_2P
J8
12V
F1
1 amp
J3
D7
1N4004
+12V
U11
OKI-78SR-5
VI
VO
150 uH
L3
C19
10 uF
C20
10 uF
C22
0,33 uF
R14
330 ohms
R8
330 ohms
LED1
RED
LED OUT
J7
TTL IO
J6
+3V3
U6
TTL_IN
TTL_OUT
RS232_TX
RS232_RX
VCC
U2
MAX232
C1
C2
C3
C4
C5
1 uf
J2
DSUB_F'DSUB-9-F
SERIAL
RS232



CONNECTOR

Tester V1.1	
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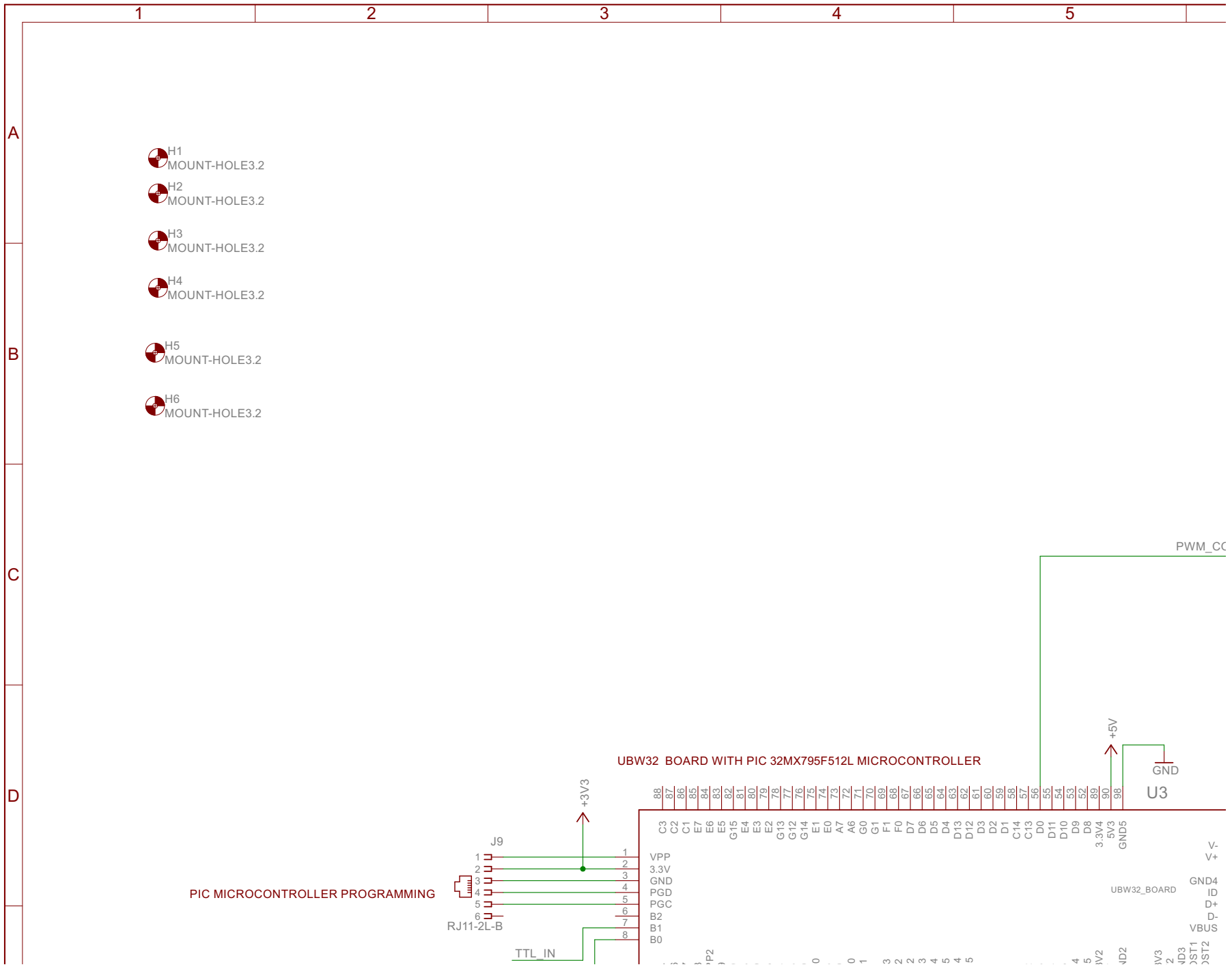
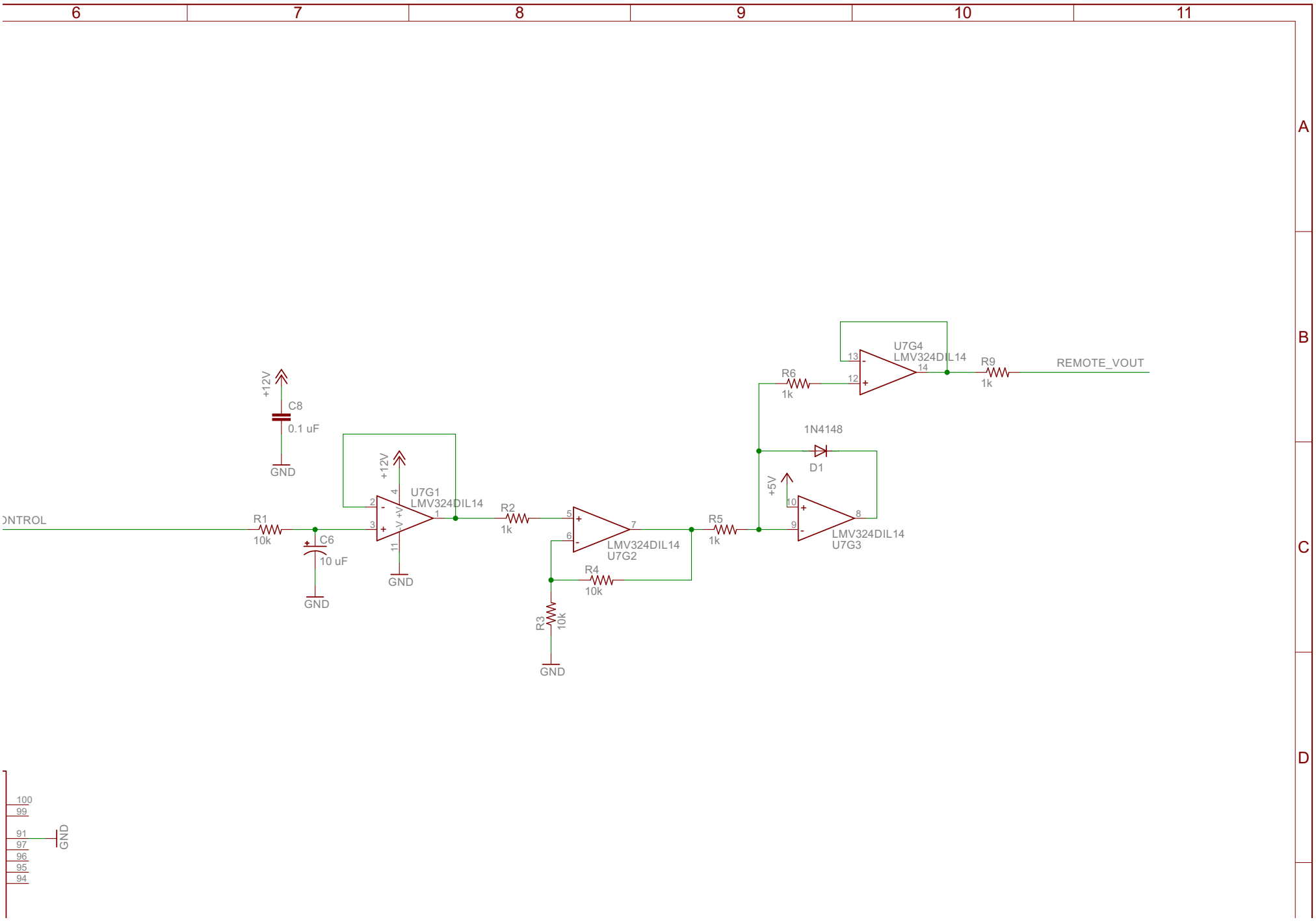
Document Number:	REV: 1.0
Date: 12/29/2017 7:37:28 AM	Sheet: 1/1


1
2
3
4
5
A
B
C
D
H1
MOUNT-HOLE3.2
H2
MOUNT-HOLE3.2
H3
MOUNT-HOLE3.2
H4
MOUNT-HOLE3.2
H5
MOUNT-HOLE3.2
H6
MOUNT-HOLE3.2
PWM_CC
UBW32 BOARD WITH PIC 32MX795F512L MICROCONTROLLER
+5V
GND
U3
+3V3
J9
PIC MICROCONTROLLER PROGRAMMING
VPP
3.3V
GND
PGD
PGC
B2
B1
B0
RJ11-2L-B
TTL_IN
UBW32_BOARD
V-
V+
GND4
ID
D+
D-
VBUS


6
7
8
9
10
11
A
B
C
D
+12V
C8
0.1 uF
GND
U7G1
LMV324DIL14
+12V
R1
10k
C6
10 uF
GND
GND
R2
1k
LMV324DIL14
U7G2
R4
10k
R3
10k
GND
R5
1k
+5V
LMV324DIL14
U7G3
1N4148
D1
R6
1k
U7G4
LMV324DIL14
R9
1k
REMOTE_VOUT
100
99
91
97
96
95
94
GND