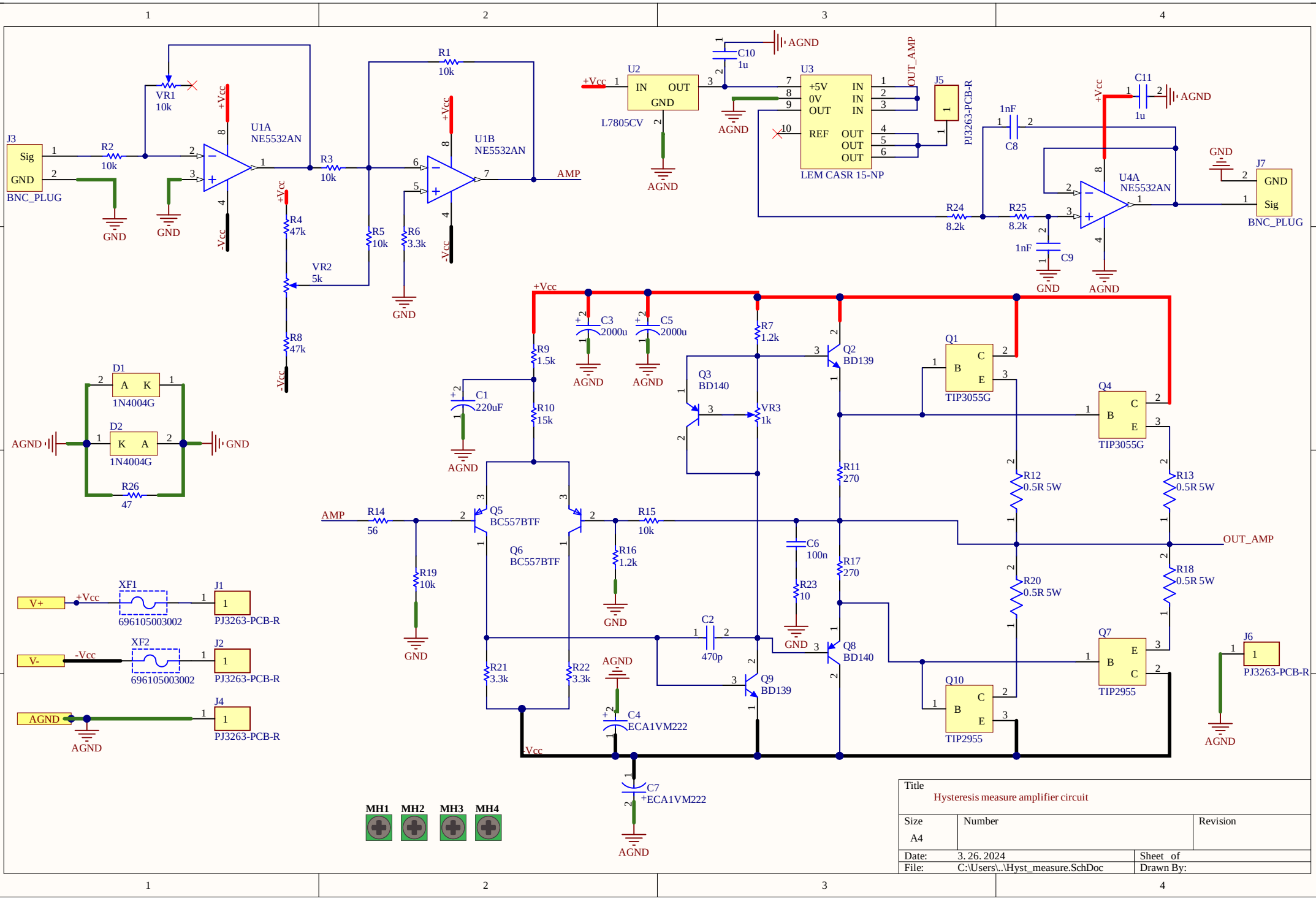
J3
Sig
GND
BNC_PLUG
R2
10k
VR1
10k
U1A
NE5532AN
R3
10k
R1
10k
U1B
NE5532AN
AMP
R4
47k
VR2
5k
R8
47k
R5
10k
R6
3.3k
+Vcc
-Vcc
GND
U2
IN
OUT
GND
L7805CV
C10
1u
AGND
U3
+5V
0V
OUT
REF
IN
IN
OUT
OUT
OUT
LEM CASR 15-NP
OUT_AMP
J5
PJ3263-PCB-R
C11
1u
1nF
C8
U4A
NE5532AN
R24
8.2k
R25
8.2k
1nF
C9
J7
GND
Sig
BNC_PLUG
D1
1N4004G
D2
1N4004G
R26
47
C1
220uF
C3
2000u
C5
2000u
R9
1.5k
R10
15k
R7
1.2k
Q1
TIP3055G
Q2
BD139
Q3
BD140
VR3
1k
Q4
TIP3055G
R11
270
R12
0.5R 5W
R13
0.5R 5W
R14
56
Q5
BC557BTF
Q6
BC557BTF
R15
10k
R16
1.2k
R19
10k
C6
100n
R23
10
R17
270
R18
0.5R 5W
R20
0.5R 5W
C2
470p
R21
3.3k
R22
3.3k
Q9
BD139
Q8
BD140
Q7
TIP2955
Q10
TIP2955
C4
ECA1VM222
C7
ECA1VM222
J6
PJ3263-PCB-R
V+
V-
AGND
XF1
XF2
696105003002
J1
J2
J4
PJ3263-PCB-R
MH1
MH2
MH3
MH4
Title
Hysteresis measure amplifier circuit
Size
A4
Number
Revision
Date:
3. 26. 2024
Sheet of
File:
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Drawn By: