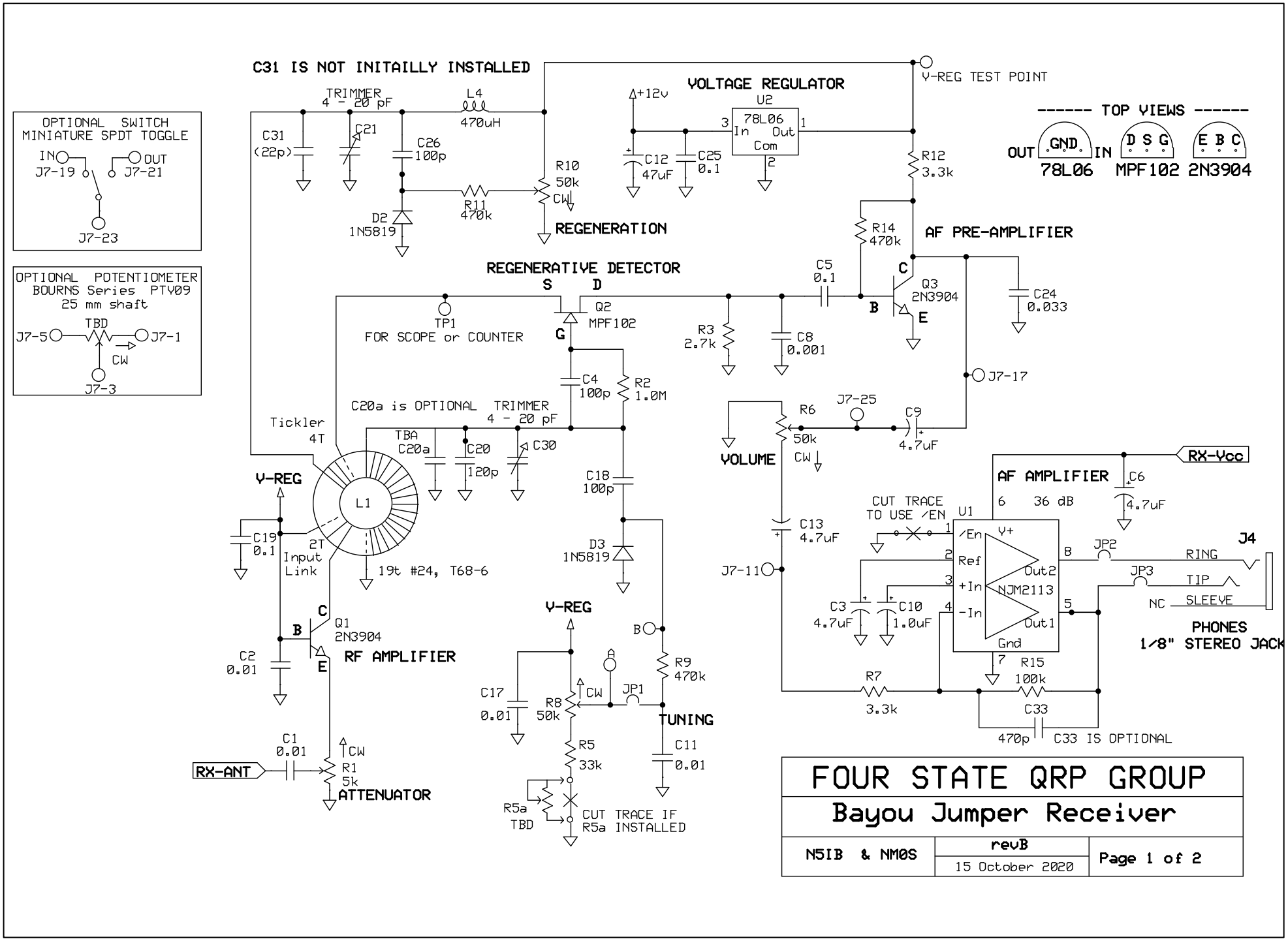
C31 IS NOT INITAILLY INSTALLED
OPTIONAL SWITCH
MINIATURE SPDT TOGGLE
IN J7-19
OUT J7-21
J7-23
OPTIONAL POTENTIOMETER
BOURNS Series PTY09
25 mm shaft
J7-5
TBD
J7-1
CW
J7-3
TRIMMER 4 - 20 pF
L4 470uH
C31 (22p)
C21
C26 100p
R11 470k
D2 1N5819
R10 50k CW
REGENERATION
+12v
VOLTAGE REGULATOR
U2
78L06
In Out Com
C12 47uF
C25 0.1
Y-REG TEST POINT
R12 3.3k
R14 470k
AF PRE-AMPLIFIER
REGENERATIVE DETECTOR
S D
Q2 MPF102
G
TP1
FOR SCOPE or COUNTER
C5 0.1
Q3 2N3904
C B E
C24 0.033
R3 2.7k
C8 0.001
J7-17
C4 100p
R2 1.0M
C20a is OPTIONAL
TRIMMER 4 - 20 pF
Tickler 4T
TBA C20a
C20 120p
C30
C18 100p
R6 50k
J7-25
C9 4.7uF
YOLUME
CW
Y-REG
L1
C19 0.1
2T Input Link
19t #24, T68-6
D3 1N5819
C13 4.7uF
J7-11
Q1 2N3904
B C E
RF AMPLIFIER
C2 0.01
Y-REG
B
R9 470k
C17 0.01
R8 50k
CW
JP1
TUNING
C11 0.01
R5 33k
R5a TBD
CUT TRACE IF R5a INSTALLED
C1 0.01
CW
R1 5k
ATTENUATOR
RX-ANT
------ TOP VIEWS ------
OUT GND IN
D S G
E B C
78L06 MPF102 2N3904
RX-Vcc
AF AMPLIFIER
6 36 dB
C6 4.7uF
CUT TRACE TO USE /EN
U1
/En Ref +In -In
V+ Out2 Out1 Gnd
NJM2113
C3 4.7uF
C10 1.0uF
R7 3.3k
R15 100k
C33 470p
C33 IS OPTIONAL
JP2
JP3
J4
RING
TIP
NC SLEEVE
PHONES
1/8" STEREO JACK
FOUR STATE QRP GROUP
Bayou Jumper Receiver
N5IB & NM0S
revB
15 October 2020
Page 1 of 2