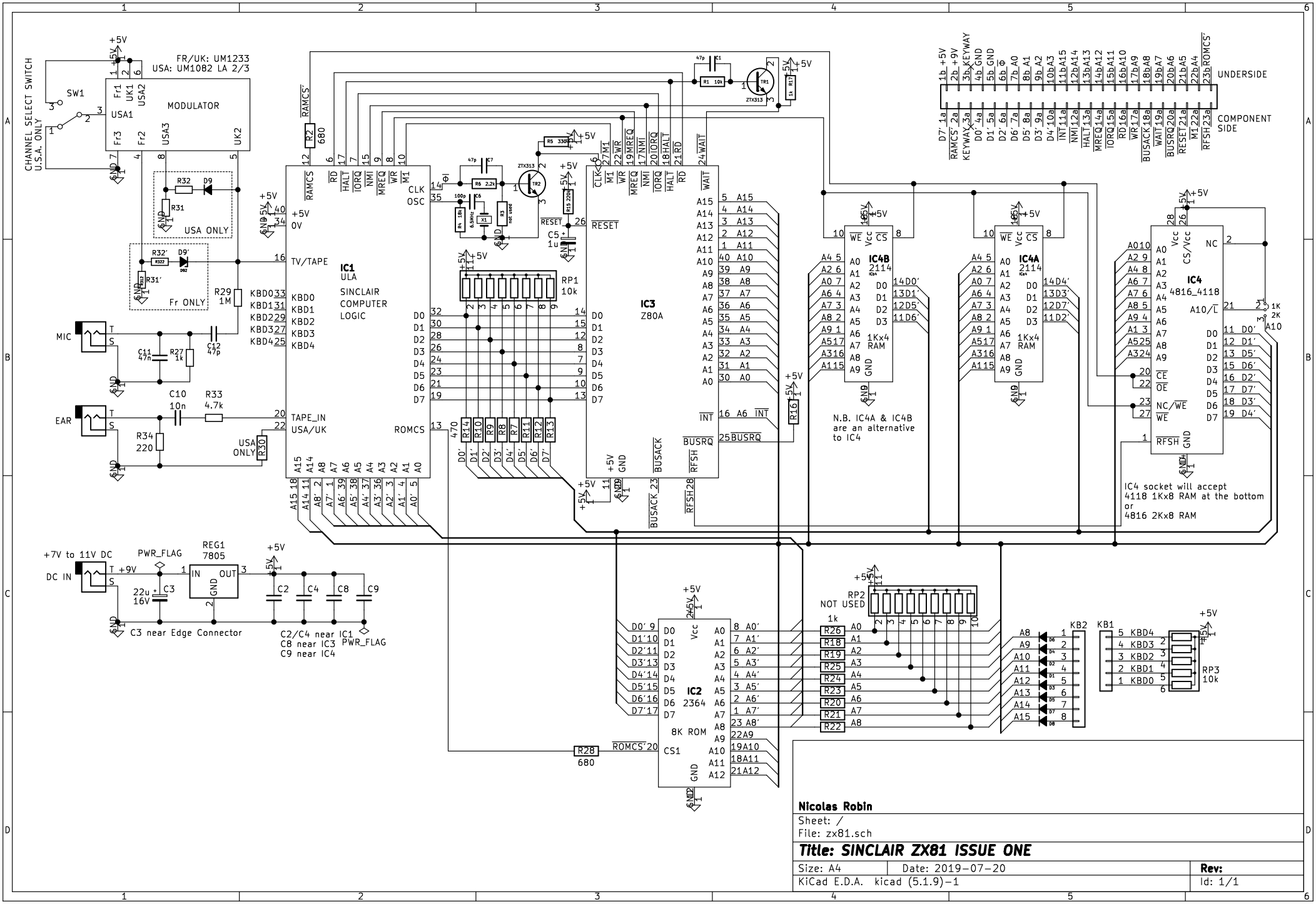
FR/UK: UM1233
USA: UM1082 LA 2/3
MODULATOR
CHANNEL SELECT SWITCH
U.S.A. ONLY
SW1
USA ONLY
Fr ONLY
IC1
ULA
SINCLAIR
COMPUTER
LOGIC
IC3
Z80A
IC2
2364
8K ROM
IC4B
2114
1Kx4
RAM
IC4A
2114
1Kx4
RAM
IC4
4816_4118
N.B. IC4A & IC4B
are an alternative
to IC4
IC4 socket will accept
4118 1Kx8 RAM at the bottom
or
4816 2Kx8 RAM
UNDERSIDE
COMPONENT
SIDE
MIC
EAR
DC IN
+7V to 11V DC
REG1
7805
PWR_FLAG
C3 near Edge Connector
C2/C4 near IC1
C8 near IC3
C9 near IC4
RP1
10k
RP2
NOT USED
RP3
10k
KB1
KB2
Nicolas Robin
Sheet: /
File: zx81.sch
Title: SINCLAIR ZX81 ISSUE ONE
Size: A4
Date: 2019-07-20
Rev:
KiCad E.D.A. kicad (5.1.9)-1
Id: 1/1