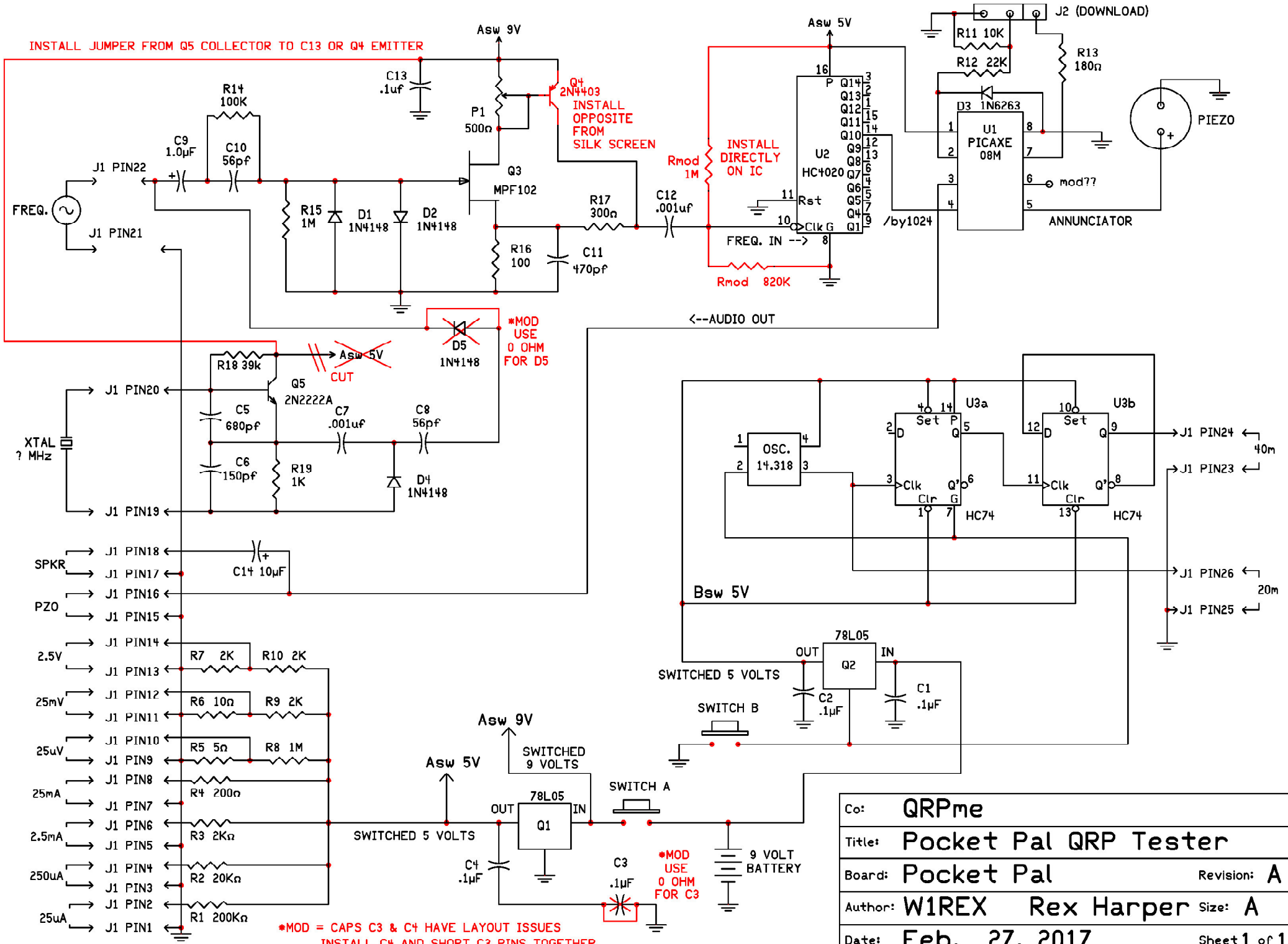
INSTALL JUMPER FROM Q5 COLLECTOR TO C13 OR Q4 EMITTER
Asw 9V
C13 .1uf
R14 100K
P1 500Ω
Q4 2N4403
INSTALL OPPOSITE FROM SILK SCREEN
C9 1.0µF
C10 56pf
J1 PIN22
FREQ.
J1 PIN21
Q3 MPF102
R15 1M
D1 1N4148
D2 1N4148
R16 100
C11 470pf
R17 300Ω
C12 .001uf
Rmod 1M
INSTALL DIRECTLY ON IC
Rmod 820K
Asw 5V
U2 HC4020
Rst
Clk G
FREQ. IN -->
/by1024
J2 (DOWNLOAD)
R11 10K
R12 22K
R13 180Ω
D3 1N6263
U1 PICAXE 08M
mod??
PIEZO
ANNUNCIATOR
<--AUDIO OUT
*MOD USE 0 OHM FOR D5
D5 1N4148
Asw 5V
CUT
R18 39k
Q5 2N2222A
C5 680pf
C7 .001uf
C8 56pf
C6 150pf
R19 1K
D4 1N4148
XTAL ? MHz
J1 PIN20
J1 PIN19
OSC. 14.318
U3a
U3b
Set
Clr
HC74
J1 PIN24
40m
J1 PIN23
J1 PIN26
20m
J1 PIN25
Bsw 5V
78L05
Q2
OUT
IN
SWITCHED 5 VOLTS
SWITCH B
C2 .1µF
C1 .1µF
SPKR
PZO
J1 PIN18
J1 PIN17
J1 PIN16
J1 PIN15
J1 PIN14
J1 PIN13
J1 PIN12
J1 PIN11
J1 PIN10
J1 PIN9
J1 PIN8
J1 PIN7
J1 PIN6
J1 PIN5
J1 PIN4
J1 PIN3
J1 PIN2
J1 PIN1
C14 10µF
2.5V
25mV
25uV
25mA
2.5mA
250uA
25uA
R7 2K
R10 2K
R6 10Ω
R9 2K
R5 5Ω
R8 1M
R4 200Ω
R3 2KΩ
R2 20KΩ
R1 200KΩ
Asw 9V
Asw 5V
SWITCHED 9 VOLTS
SWITCH A
78L05
Q1
OUT
IN
SWITCHED 5 VOLTS
C4 .1µF
C3 .1µF
*MOD USE 0 OHM FOR C3
9 VOLT BATTERY
*MOD = CAPS C3 & C4 HAVE LAYOUT ISSUES
INSTALL C4 AND SHORT C3 PINS TOGETHER
Co: QRPme
Title: Pocket Pal QRP Tester
Board: Pocket Pal
Revision: A
Author: W1REX Rex Harper
Size: A
Date: Feb. 27, 2017
Sheet 1 of 1