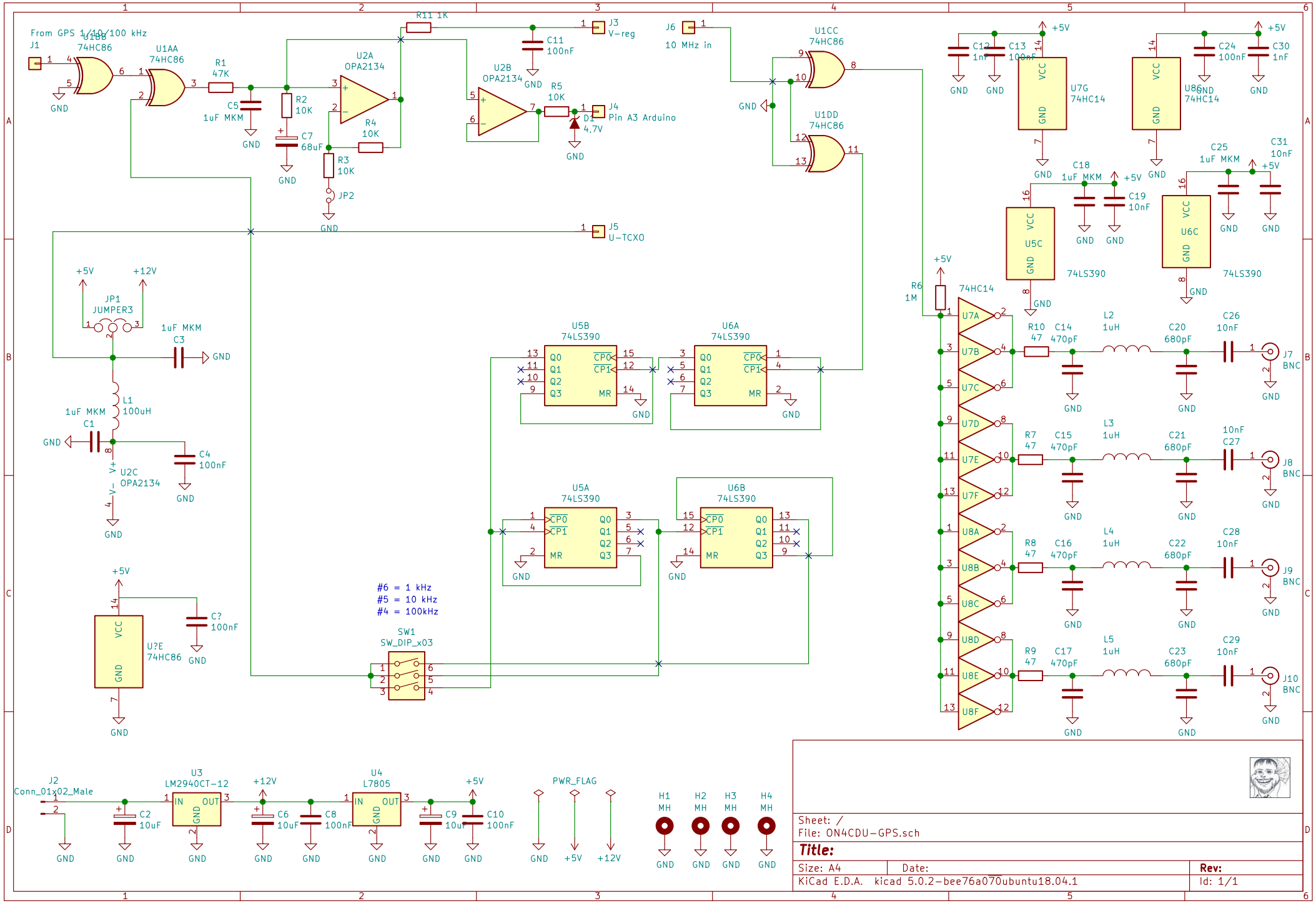
From GPS 1/10/100 kHz
J1
U1BB 74HC86
U1AA 74HC86
GND
R1 47K
C5 1uF MKM
R2 10K
C7 68uF
R3 10K
U2A OPA2134
R4 10K
R11 1K
C11 100nF
J3 V-reg
U2B OPA2134
R5 10K
J4 Pin A3 Arduino
D1 4,7V
JP2
J5 U-TCXO
J6 10 MHz in
U1CC 74HC86
U1DD 74HC86
+5V
+12V
JP1 JUMPER3
1uF MKM C3
L1 100uH
1uF MKM C1
C4 100nF
U2C OPA2134
U5B 74LS390
U6A 74LS390
U5A 74LS390
U6B 74LS390
#6 = 1 kHz
#5 = 10 kHz
#4 = 100kHz
SW1 SW_DIP_x03
U?E 74HC86
C? 100nF
J2 Conn_01x02_Male
U3 LM2940CT-12
U4 L7805
C2 10uF
C6 10uF
C8 100nF
C9 10uF
C10 100nF
PWR_FLAG
H1 MH
H2 MH
H3 MH
H4 MH
C12 1nF
C13 100nF
U7G 74HC14
U8G 74HC14
C24 100nF
C30 1nF
C18 1uF MKM
C19 10nF
U5C 74LS390
U6C 74LS390
C25 1uF MKM
C31 10nF
R6 1M
74HC14
R10 47
C14 470pF
L2 1uH
C20 680pF
C26 10nF
J7 BNC
R7 47
C15 470pF
L3 1uH
C21 680pF
C27 10nF
J8 BNC
R8 47
C16 470pF
L4 1uH
C22 680pF
C28 10nF
J9 BNC
R9 47
C17 470pF
L5 1uH
C23 680pF
C29 10nF
J10 BNC
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