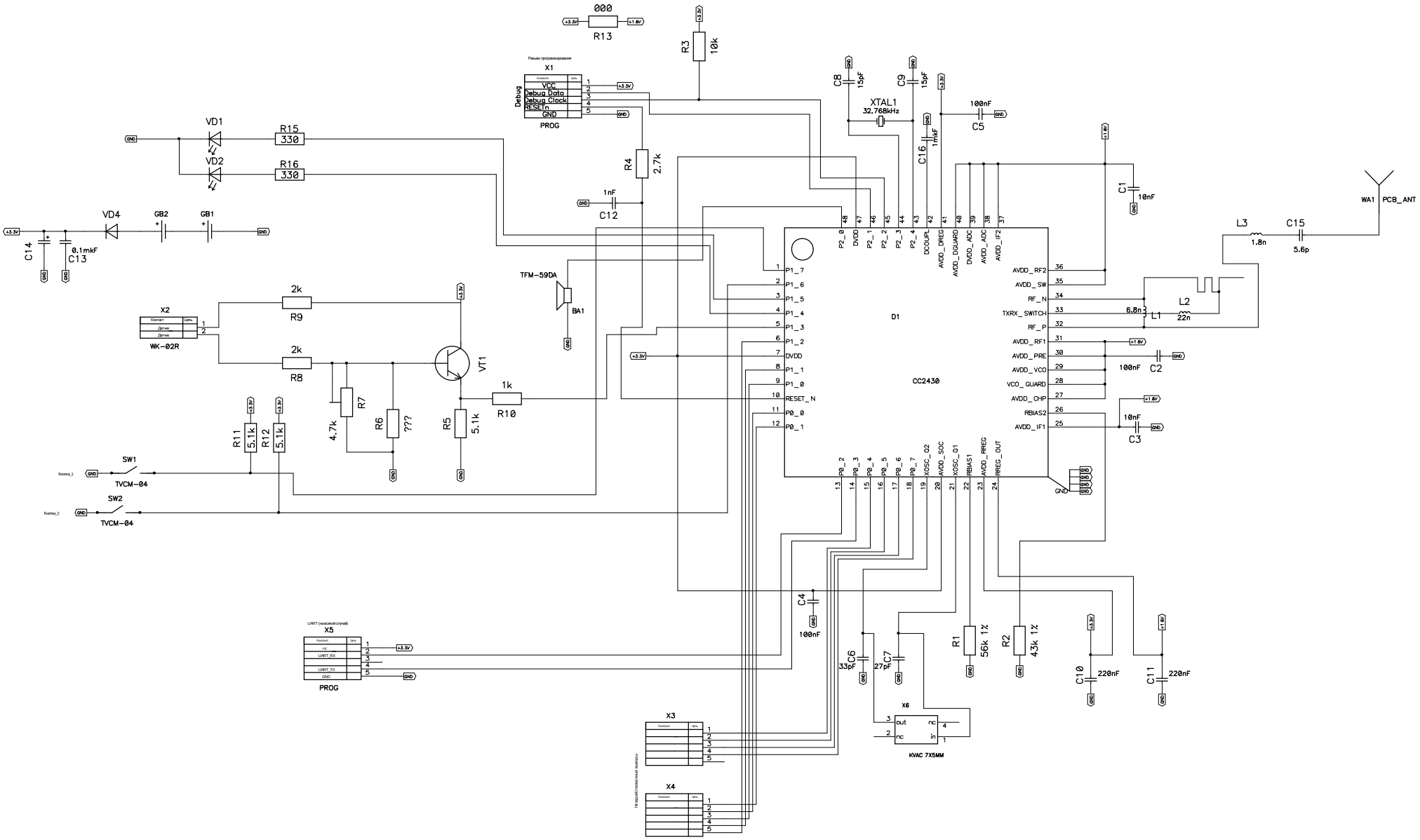

000
R13
R3
10k
X1
Debug
VCC
Debug Data
Debug Clock
RESETn
GND
PROG
VD1
R15
330
VD2
R16
330
R4
2.7k
1nF
C12
VD4
GB2
GB1
C14
0.1mkF
C13
TFM-59DA
BA1
X2
WK-02R
2k
R9
2k
R8
VT1
R7
4.7k
R6
???
R5
5.1k
1k
R10
R11
5.1k
R12
5.1k
SW1
TVCM-04
SW2
TVCM-04
C8
15pF
C9
15pF
XTAL1
32.768kHz
100nF
C5
C16
1mkF
C1
10nF
WA1
PCB_ANT
L3
1.8n
C15
5.6p
L2
22n
6.8n
L1
D1
CC2430
P1_7
P1_6
P1_5
P1_4
P1_3
P1_2
DVDD
P1_1
P1_0
RESET_N
P0_0
P0_1
P2_0
DVDD
P2_1
P2_2
P2_3
P2_4
DCOUPL
AVDD_DREG
AVDD_DGUARD
DVDD_ADC
AVDD_ADC
AVDD_IF2
AVDD_RF2
AVDD_SW
RF_N
TXRX_SWITCH
RF_P
AVDD_RF1
AVDD_PRE
AVDD_VCO
VCO_GUARD
AVDD_CHP
RBIAS2
AVDD_IF1
100nF
C2
10nF
C3
P0_2
P0_3
P0_4
P0_5
P0_6
P0_7
XOSC_Q2
AVDD_SOC
XOSC_Q1
RBIAS1
AVDD_RREG
RREG_OUT
GND
C4
100nF
C6
33pF
C7
27pF
R1
56k 1%
R2
43k 1%
C10
220nF
C11
220nF
X5
PROG
X6
out
nc
in
KVAC 7X5MM
X3
X4