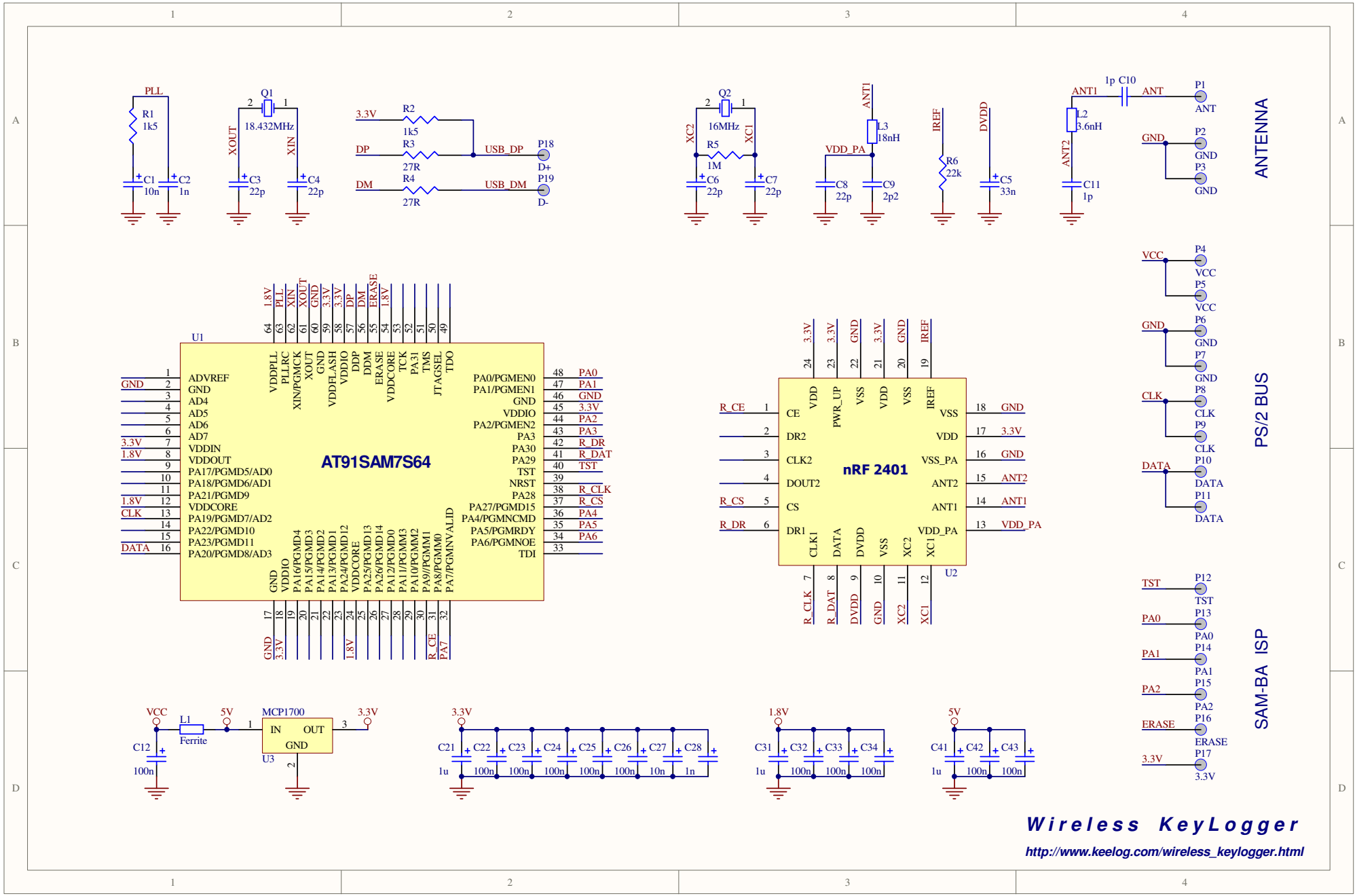
PLL
R1
1k5
C1
10n
C2
1n
Q1
18.432MHz
XOUT
XIN
C3
22p
C4
22p
3.3V
R2
1k5
DP
R3
27R
DM
R4
27R
USB_DP
USB_DM
P18
D+
P19
D-
Q2
16MHz
XC2
XC1
R5
1M
C6
22p
C7
22p
ANT1
L3
18nH
VDD_PA
C8
22p
C9
2p2
IREF
R6
22k
DVDD
C5
33n
1p C10
ANT
L2
3.6nH
ANT2
C11
1p
P1
ANT
GND
P2
GND
P3
GND
ANTENNA
U1
AT91SAM7S64
ADVREF
GND
AD4
AD5
AD6
AD7
VDDIN
VDDOUT
PA17/PGMD5/AD0
PA18/PGMD6/AD1
PA21/PGMD9
VDDCORE
PA19/PGMD7/AD2
PA22/PGMD10
PA23/PGMD11
PA20/PGMD8/AD3
VDDPLL
PLLRC
XIN/PGMCK
XOUT
GND
VDDFLASH
VDDIO
DDP
DDM
ERASE
VDDCORE
TCK
PA31
TMS
JTAGSEL
TDO
PA0/PGMEN0
PA1/PGMEN1
GND
VDDIO
PA2/PGMEN2
PA3
PA30
PA29
TST
NRST
PA28
PA27/PGMD15
PA4/PGMNCMD
PA5/PGMRDY
PA6/PGMNOE
TDI
GND
VDDIO
PA16/PGMD4
PA15/PGMD3
PA14/PGMD2
PA13/PGMD1
PA24/PGMD12
VDDCORE
PA25/PGMD13
PA26/PGMD14
PA12/PGMD0
PA11/PGMM3
PA10/PGMM2
PA9/PGMM1
PA8/PGMM0
PA7/PGMNVALID
R_CE
PA7
R_CLK
R_DAT
DVDD
GND
XC2
XC1
U2
nRF 2401
CE
DR2
CLK2
DOUT2
CS
DR1
VDD
PWR_UP
VSS
IREF
VSS_PA
ANT2
ANT1
VDD_PA
CLK1
DATA
VCC
P4
P5
P6
P7
P8
P9
P10
P11
CLK
DATA
PS/2 BUS
TST
P12
PA0
P13
PA1
P14
PA2
P15
ERASE
P16
P17
SAM-BA ISP
VCC
L1
Ferrite
5V
MCP1700
IN
OUT
GND
U3
3.3V
C12
100n
C21
C22
C23
C24
C25
C26
C27
C28
1u
100n
10n
1n
1.8V
C31
C32
C33
C34
C41
C42
C43
Wireless KeyLogger
http://www.keelog.com/wireless_keylogger.html