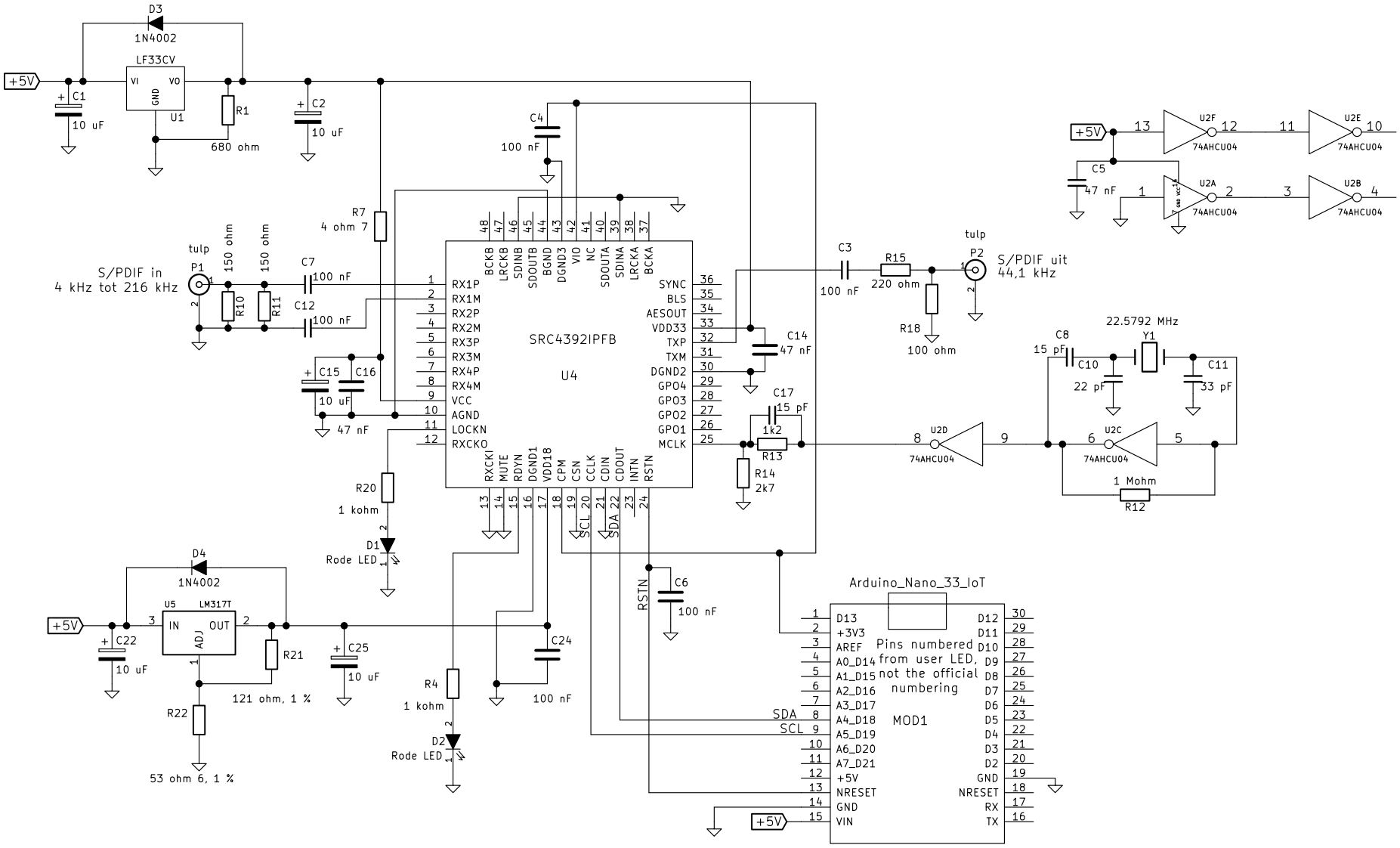
D3
1N4002
LF33CV
VI
VO
GND
U1
+5V
C1
10 uF
R1
680 ohm
C2
10 uF
C4
100 nF
R7
4 ohm 7
tulp
P1
S/PDIF in
4 kHz tot 216 kHz
150 ohm
150 ohm
R10
R11
C7
100 nF
C12
100 nF
C15
10 uF
C16
47 nF
SRC4392IPFB
U4
RX1P
RX1M
RX2P
RX2M
RX3P
RX3M
RX4P
RX4M
VCC
AGND
LOCKN
RXCKO
BCKB
LRCKB
SDINB
SDOUTB
BGND
DGND3
VIO
NC
SDOUTA
SDINA
LRCKA
BCKA
SYNC
BLS
AESOUT
VDD33
TXP
TXM
DGND2
GPO4
GPO3
GPO2
GPO1
MCLK
RXCKI
MUTE
RDYN
DGND1
VDD18
CPM
CSN
CCLK
CDIN
CDOUT
INTN
RSTN
SCL
SDA
C3
100 nF
R15
220 ohm
R18
100 ohm
tulp
P2
S/PDIF uit
44,1 kHz
C14
47 nF
C17
15 pF
1k2
R13
R14
2k7
R20
1 kohm
D1
Rode LED
D4
1N4002
U5
LM317T
IN
OUT
ADJ
+5V
C22
10 uF
R21
121 ohm, 1 %
C25
10 uF
R22
53 ohm 6, 1 %
R4
1 kohm
D2
Rode LED
C24
100 nF
RSTN
C6
100 nF
Arduino_Nano_33_IoT
Pins numbered
from user LED,
not the official
numbering
MOD1
D13
+3V3
AREF
A0_D14
A1_D15
A2_D16
A3_D17
A4_D18
A5_D19
A6_D20
A7_D21
+5V
NRESET
GND
VIN
D12
D11
D10
D9
D8
D7
D6
D5
D4
D3
D2
GND
NRESET
RX
TX
SDA
SCL
+5V
C5
47 nF
U2F
U2E
U2A
U2B
74AHCU04
22.5792 MHz
Y1
C8
15 pF
C10
22 pF
C11
33 pF
U2D
U2C
1 Mohm
R12