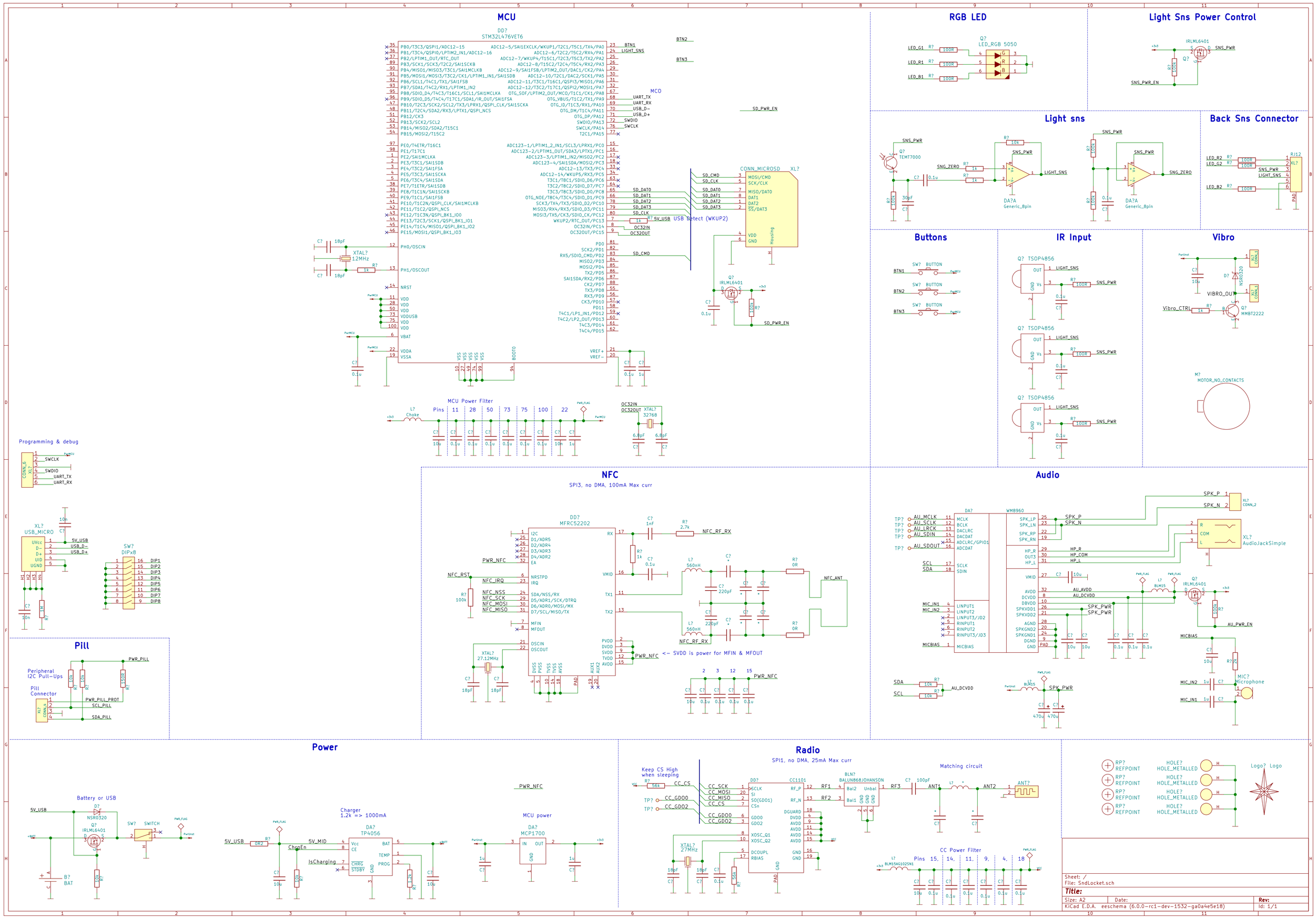
MCU
DD?
STM32L476VET6
RGB LED
Q?
LED_RGB 5050
LED_G1
LED_R1
LED_B1
Light Sns Power Control
IRLML6401
SNS_PWR
SNS_PWR_EN
Light sns
Q?
TEMT7000
SNS_ZERO
LIGHT_SNS
DA?A
Generic_8pin
Back Sns Connector
RJ12
XL?
Buttons
BTN1
BTN2
BTN3
IR Input
Q? TSOP4856
OUT
GND
Vs
Vibro
VIBRO_OUT
Vibro_CTRL
NSR0320
MMBT2222
M?
MOTOR_NO_CONTACTS
Programming & debug
CONN_6
SWCLK
SWDIO
UART_TX
UART_RX
XL?
USB_MICRO
5V_USB
USB_D-
USB_D+
SW?
DIPx8
DIP1
DIP2
DIP3
DIP4
DIP5
DIP6
DIP7
DIP8
Pill
Peripheral
I2C Pull-Ups
Pill
Connector
PWR_PILL
PWR_PILL_PROT
SCL_PILL
SDA_PILL
NFC
SPI3, no DMA, 100mA Max curr
DD?
MFRC52202
NFC_RF_RX
NFC_ANT
PWR_NFC
<- SVDD is power for MFIN & MFOUT
NFC_RST
NFC_IRQ
NFC_NSS
NFC_SCK
NFC_MOSI
NFC_MISO
XTAL?
27.12MHz
Audio
WM8960
DA?
SPK_P
SPK_N
XL?
AudioJackSimple
HP_R
HP_COM
HP_L
AU_MCLK
AU_SCLK
AU_LRCK
AU_SDIN
AU_SDOUT
SCL
SDA
MIC_IN1
MIC_IN2
MICBIAS
AU_AVDD
AU_DCVDD
SPK_PWR
AU_PWR_EN
MIC?
Microphone
Power
Battery or USB
5V_USB
SW?
SWITCH
B?
BAT
Charger
1.2k => 1000mA
DA?
TP4056
5V_MID
ChrgEn
IsCharging
MCU power
DA?
MCP1700
Radio
SPI1, no DMA, 25mA Max curr
Keep CS High
when sleeping
CC_CS
CC_GDO0
CC_GDO2
CC_SCK
CC_MOSI
CC_MISO
CC1101
BLN?
BALUN868JOHANSON
Matching circuit
ANT1
ANT2
ANT?
XTAL?
27MHz
CC Power Filter
BLM15AG102SN1
RP?
REFPOINT
HOLE?
HOLE_METALLED
Logo? Logo
Sheet: /
File: SndLocket.sch
Title:
Size: A2
Date:
Rev:
KiCad E.D.A. eeschema (6.0.0-rc1-dev-1532-ga0a4e5e18)
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