

1

2

3

4

A

A

B

B

C

C

D

D

IFA Antenna

Antenna

U3

CC1352 Microcontroller

VDDR

hot1

hot2

VDDR

VDDS

IC3
XCC1352R1F3RGZR

48Mhz Oscillator (RF Core)

Y3

NC_2

HOT_1

HOT_2

NC_1

CX2016DB48000C0FPLC1

Programming

J5

V_Select

RESET_N

JTAG_TCKC

JTAG_TMSC

10129381-906002BLF

uC Push Buttons

PTS810_SJK_250_SMTR_LFS

V_Select

R6

R0402 100k

BTN_1

C15

C0402 0.1uF

R0402 1k

GND

GND

RF_P_2_4GHZ

RF_N_2_4GHZ

RF_P_SUB_1GHZ

RF_N_SUB_1GHZ

RX_TX

X32K_Q1

X32K_Q2

DIO_3

DIO_4

DIO_5

DIO_6

DIO_7

JTAG_TCKC

VDDS

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

DIO_23

RESET_N

DCDC_SW

DIO_22

DIO_21

DIO_20

DIO_19

DIO_18

DIO_17

DIO_16

JTAG_TCKC

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

DIO_23

RESET_N

DCDC_SW

DIO_22

DIO_21

DIO_20

DIO_19

DIO_18

DIO_17

DIO_16

JTAG_TCKC

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

VDDR

UART_RX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

UART_TX

Header Pins (Programming, Debug)

Title

Size

A

Date:

File:

Number

Revision

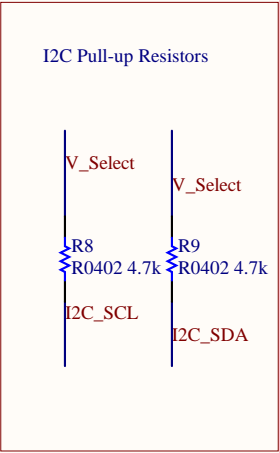
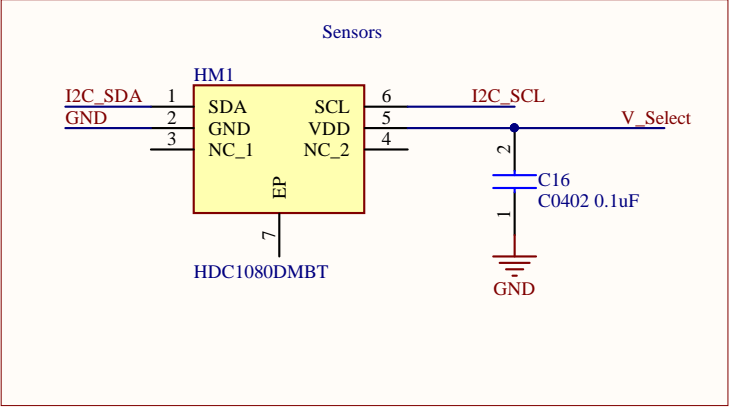
3/27/2020

C:\Users\...\Sheet2.SchDoc

Sheet

of

Drawn By:



Title			
Size	Number		Revision
A			
Date:	3/27/2020		Sheet of
File:	C:\Users\...\Sheet3.SchDoc		Drawn By: