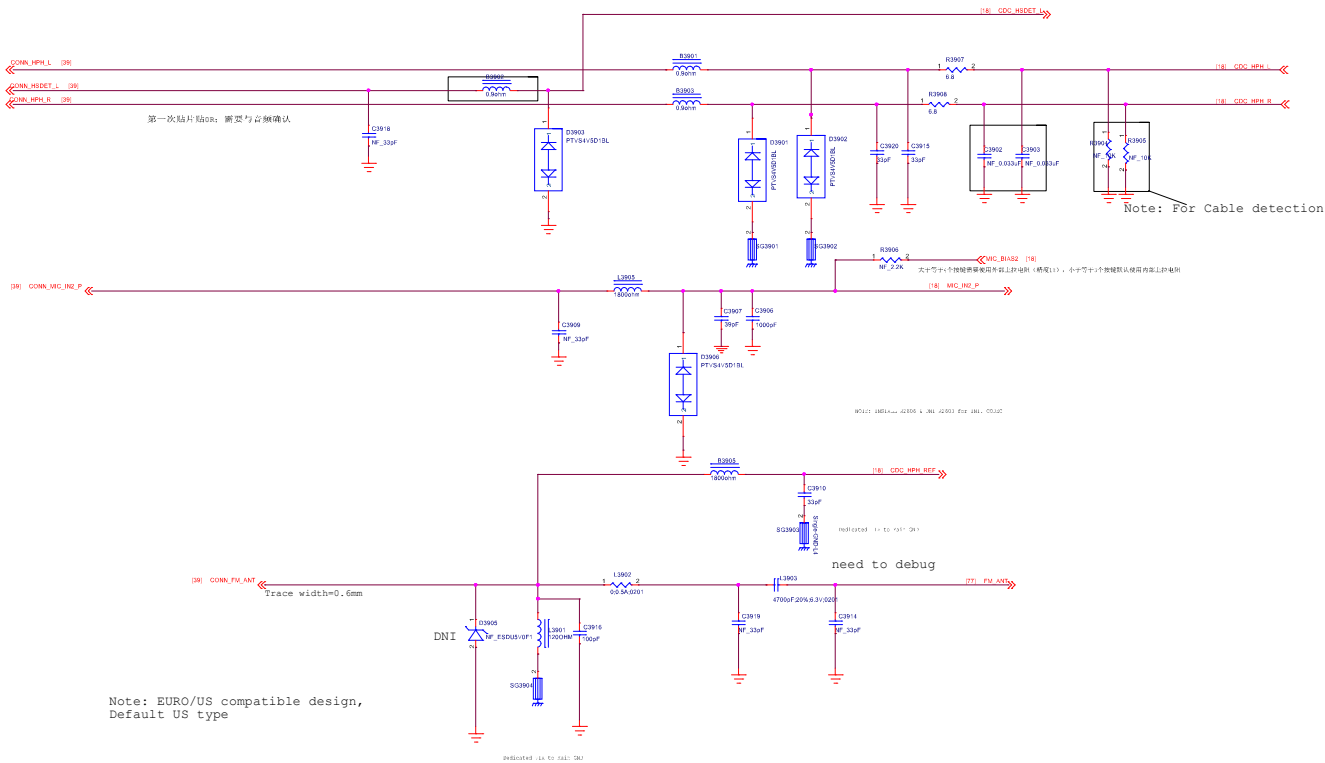




EARPHONE

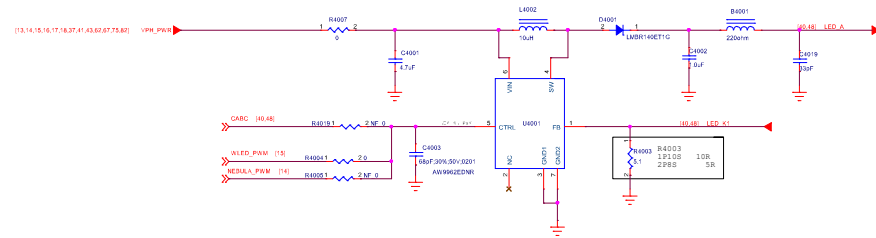


Note: EURO/US compatible design,
Default US type

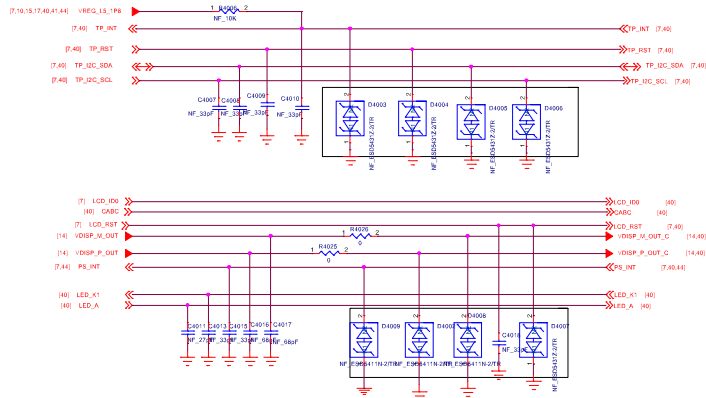
Earphone

FILE:	39.Earphone	REV:	V10
DOCUMENT NO.:	80626_1_12 BRUP_HAY TA1164	Size	D
DEPARTMENT:	Wingtech-SZ	DESIGNER:	DESIGNER
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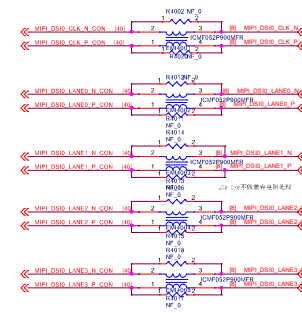
LCD-BACKLIGHT



TP_INT上拉供电与TP_IOVCC保持一致；I2C也是如此；



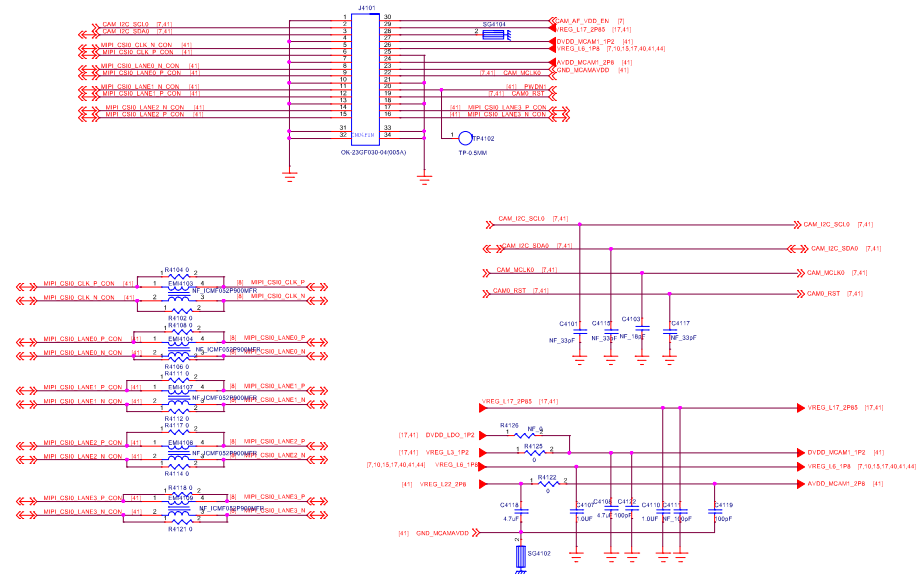
Common Mode Filter



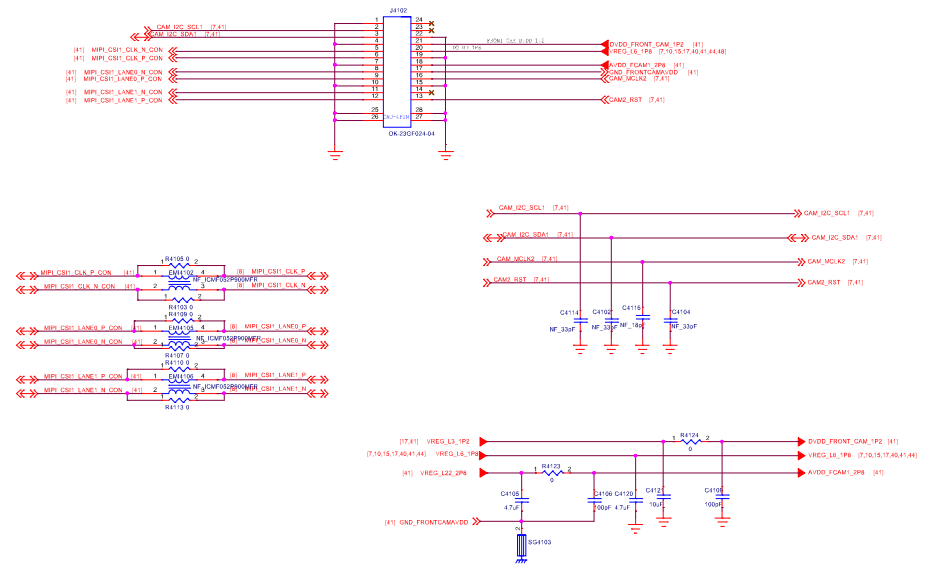
LCD/CTP IF

Title 40.LCD/CTP IF		REV: V10
DOCUMENT NO.: 89626_1_12 SKU/NA1 TA1164		Size D
DEPARTMENT: Wingtech-SZ	DESIGNER: DESIGNER	
		
Date: Monday, March 25, 2019	Sheet 40 of 62	

Main Camera



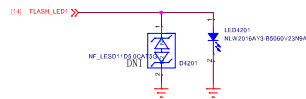
Front Camera



Camera IF

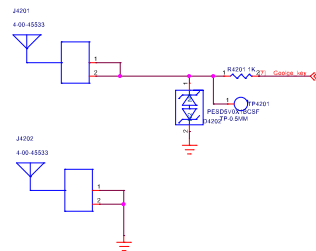
41.Camera IF	REV: V10
DOCUMENT NO.: 8062_1_12 BKUP_HAT TA1164	Size D
DEPARTMENT: Wingtech-S2	DESIGNER: DESIGNER
Date: Monday, March 25, 2019	Sheet 41 of 62

Flash



Button indicator

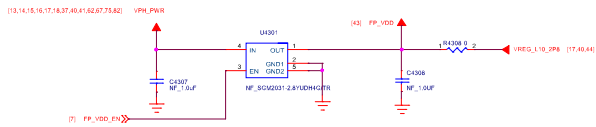
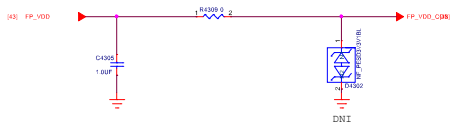
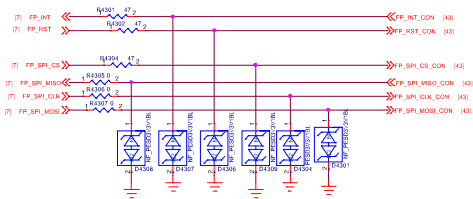
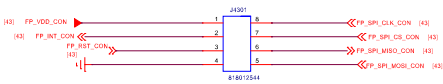
Resistor for testing RGB current



Flash/RGB

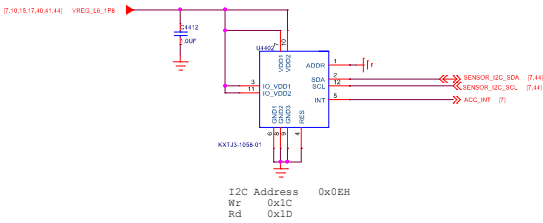
Title: 42.Flash/RGB		REV: V10
DOCUMENT NO.: B0626_1_12 BRUP_HA1 TA1164		Size D
DEPARTMENT: Wingtech-S2	DESIGNER: DESIGNER	
Date: Monday, March 25, 2019		Sheet 42 of 62

Fingerprint CONNECT

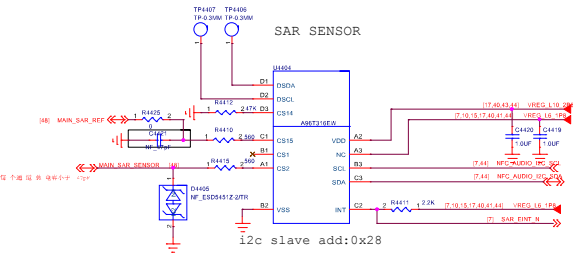
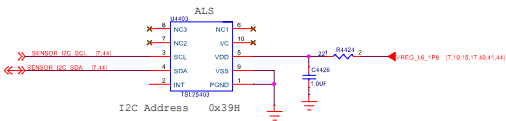
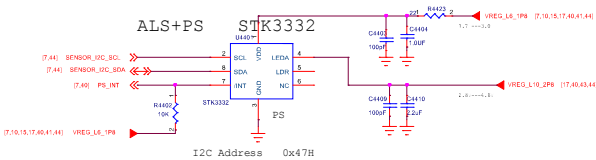


Fingerprint

ACCELEROMETER



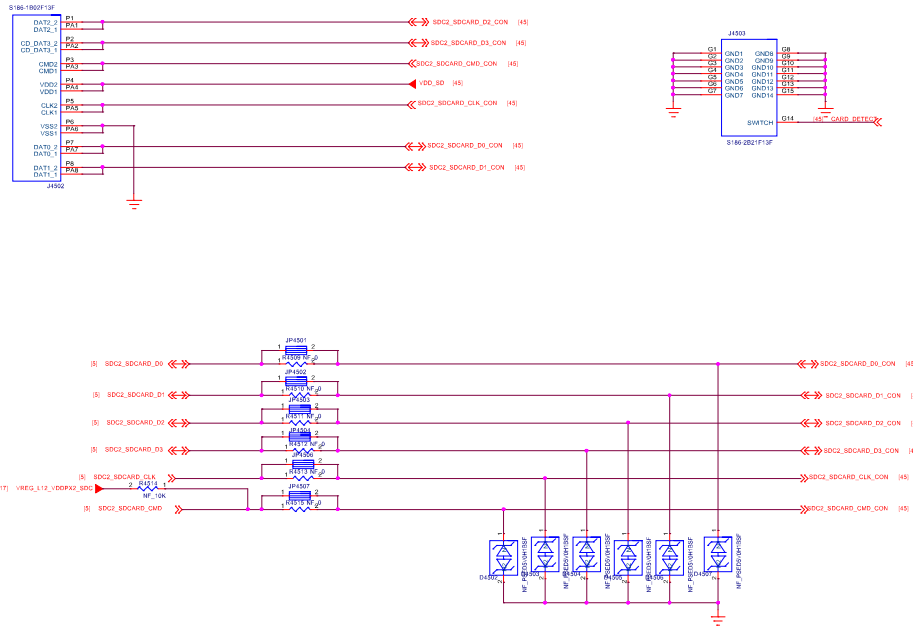
ALS/PROXIMITY SENSOR



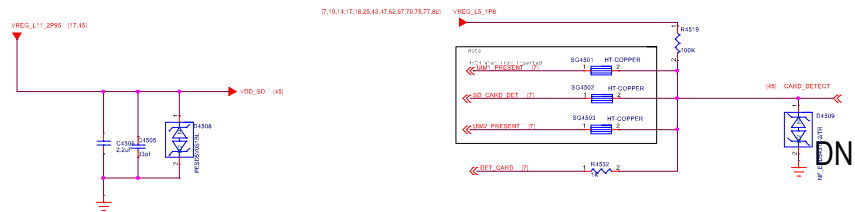
Sensor

FILE	44.Sensor	REV: V10
DOCUMENT NO.:	80626_1_12 BRUP_MAY TA1164	Size D
DEPARTMENT:	Wingtech-82	DESIGNER: DESIGNER
WINGTECH		
Date:	Monday, March 25, 2019	Sheet 44 of 82

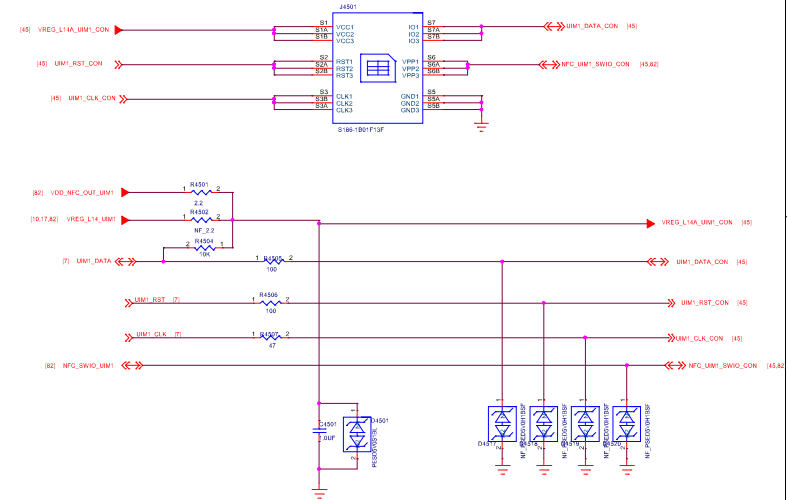
TF CARD



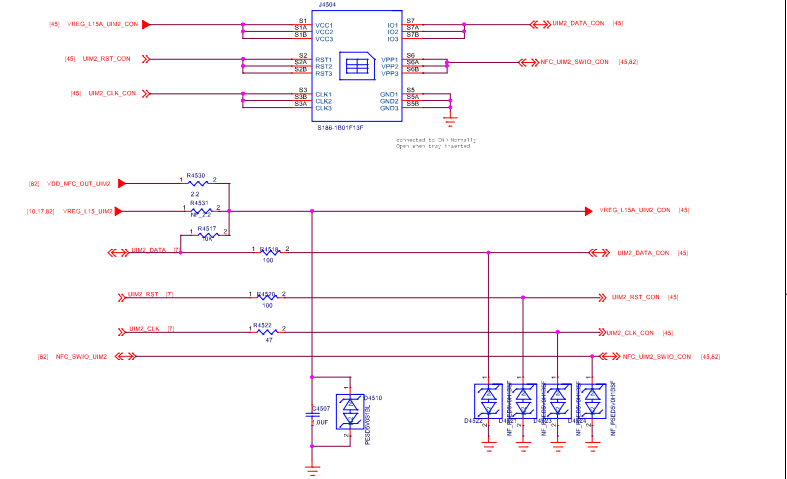
DNI



USIM1



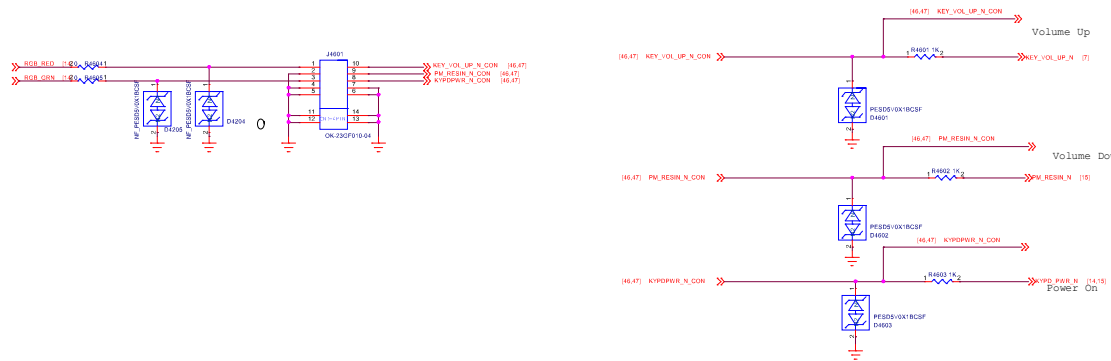
USIM2



SIM/TF IF

FILE	45.SIM/TF IF	REV: V10
DOCUMENT NO.:	80626_1_12 BKUP_M41 TA1164	Size D
DEPARTMENT:	Wingtech-82	DESIGNER: DESIGNER
Date:	Monday, March 25, 2019	Sheet 45 of 82

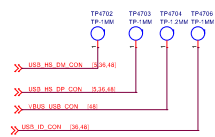
Keys



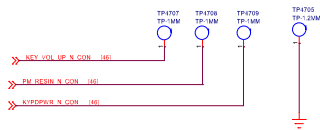
Sidekey

FILE: 48.Sidekey	REV: V10
DOCUMENT NO.: 80626_1_12 BRU1_M41 TA1164	Size: D
DEPARTMENT: Wingtech-S2	DESIGNER: DESIGNER
Date: Monday, March 25, 2019	
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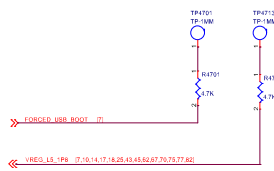
USB



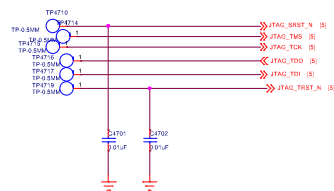
KEYS



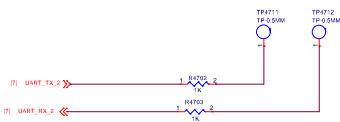
OTHERS



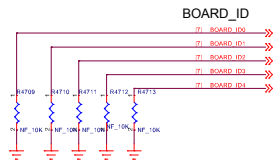
JTAG CONNECTOR



UART

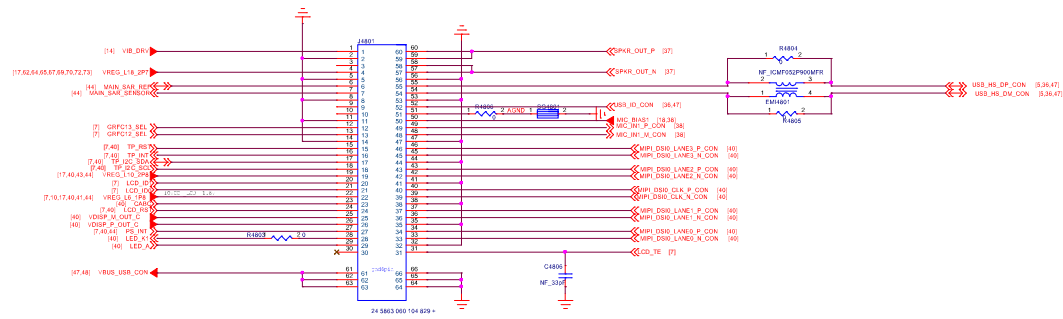


BOARD ID



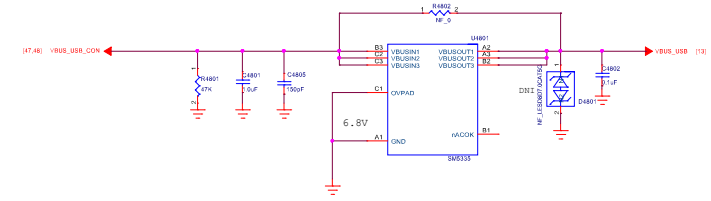
Test point

Sub Board Connector



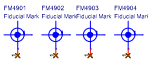
LCD-Connector

OVP



Sub PCB IF

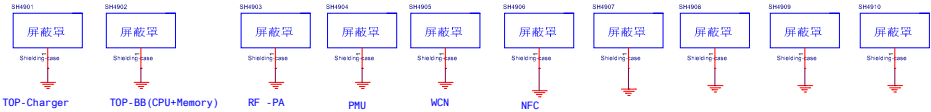
MARK



BADMARK



SHIELDING



Waterproof

Waterproof

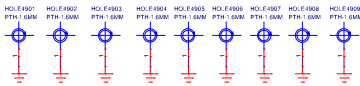
SN Label

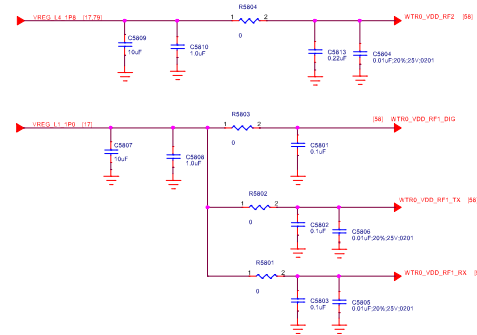
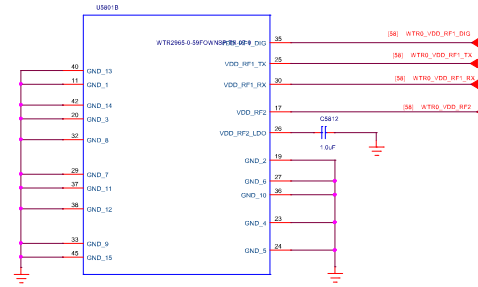


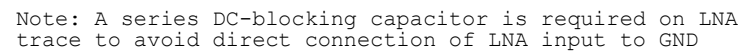
PCB



MIC LABEL

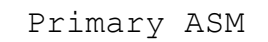






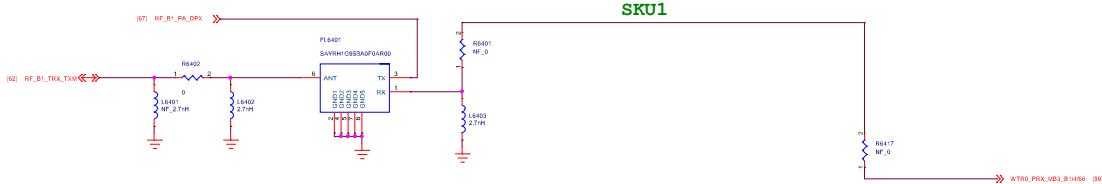
Title		59.WTR2965:MSS		REV: V10	
DOCUMENT NO.: 89626_1_12 SKU_HA1 TA1164				Size D	
DEPARTMENT: Wingtech-SZ			DESIGNER: DESIGNER		
					
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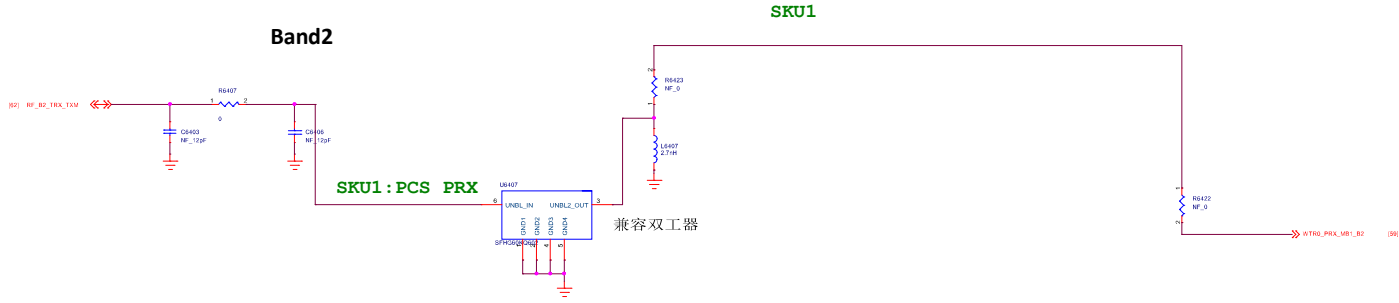
[illegible][illegible]

WINGTEC

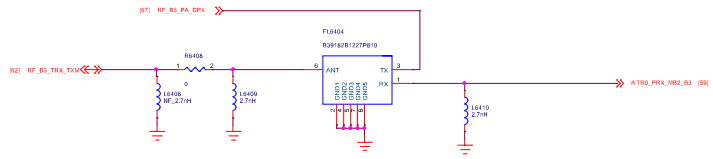
Band1



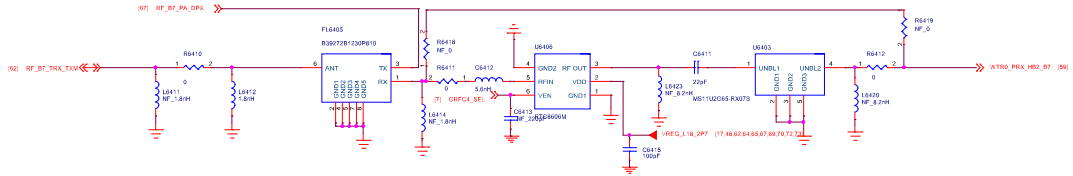
Band2



Band3

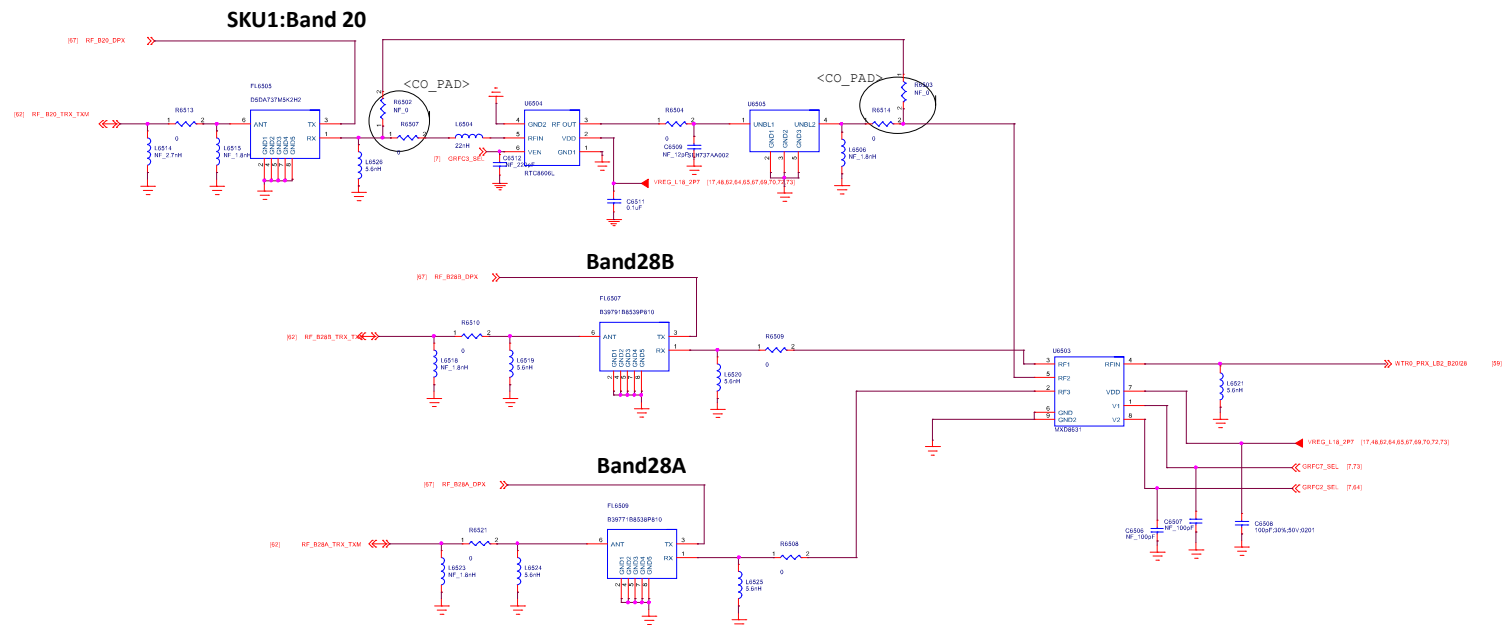
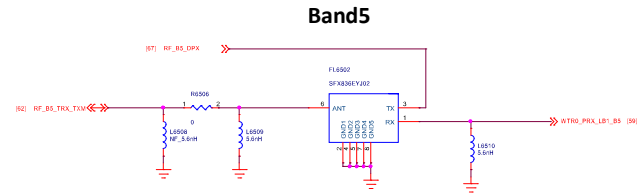
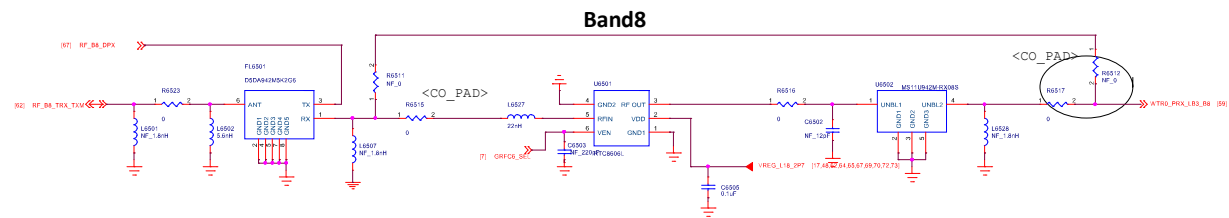


Band7



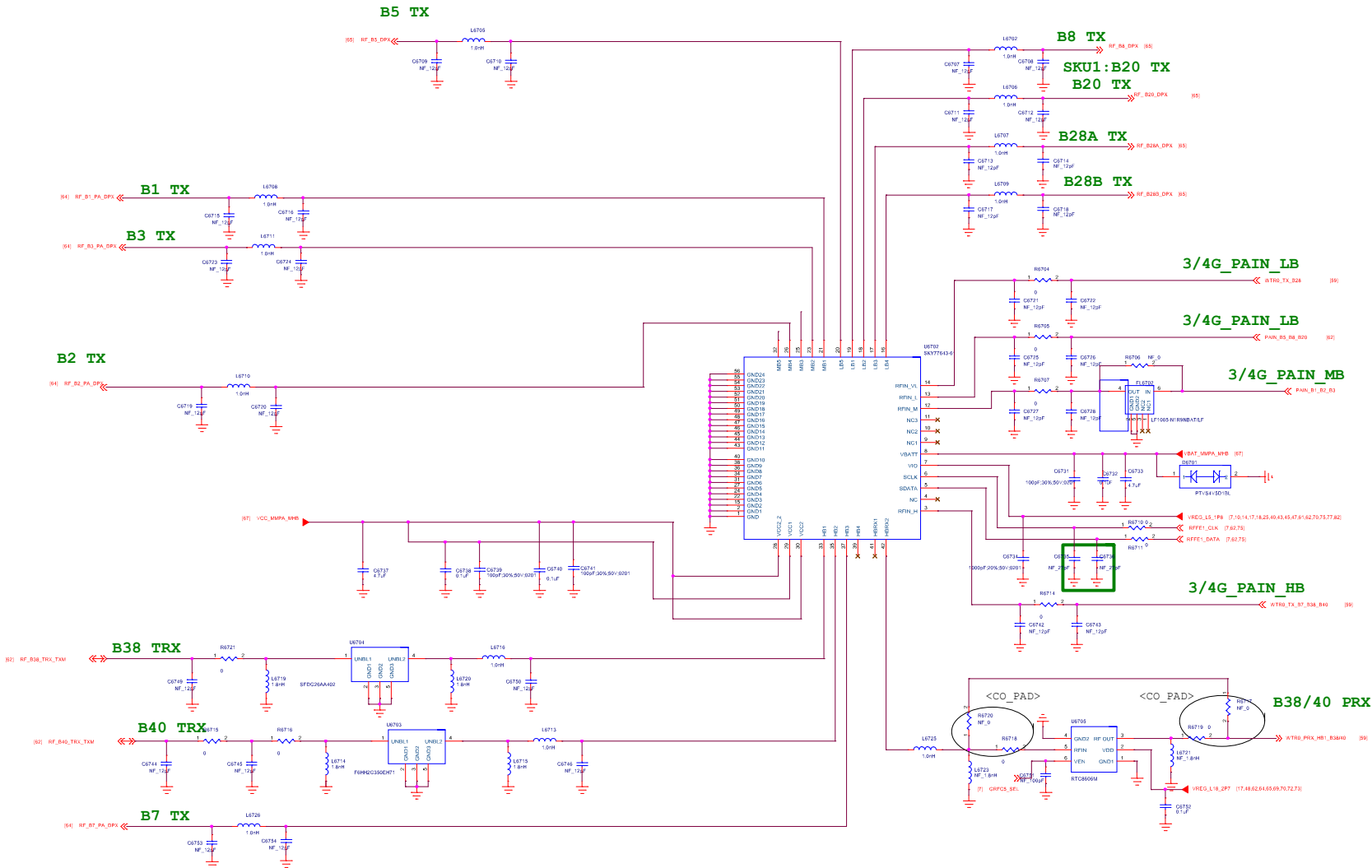
TRX_MHB

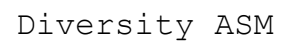
FILE:	64.TRX_MHB	REV:	V10
DOCUMENT NO.:	80626_1_12 SKU1_M01 TA1164	Size	D
DEPARTMENT:	Wingtech-S2	DESIGNER:	DESIGNER
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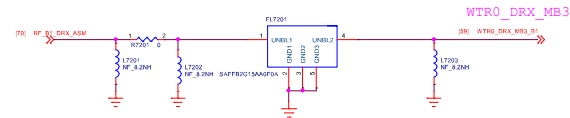
TRX_LB

FILE	65.TRX_LB	REV	V10
DOCUMENT NO.	80626_1_12 SKU1_M41 TA1164	Size	D
DEPARTMENT	Wingtech-S2	DESIGNER	DESIGNER
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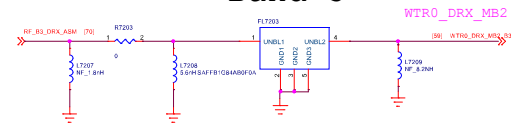
Band 1



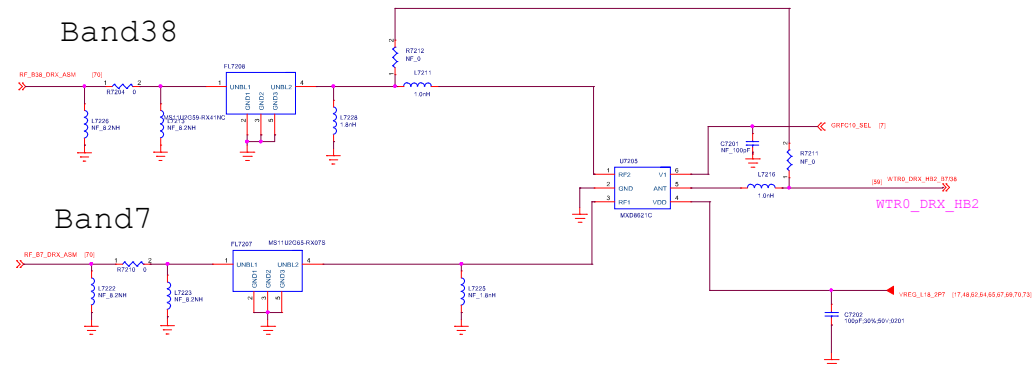
Band 2



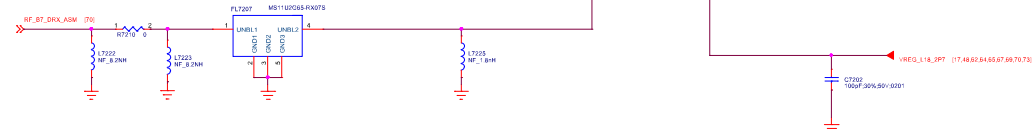
Band 3



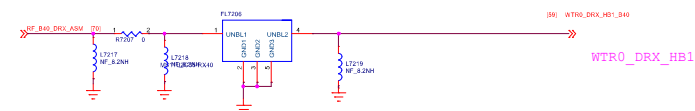
Band38



Band7



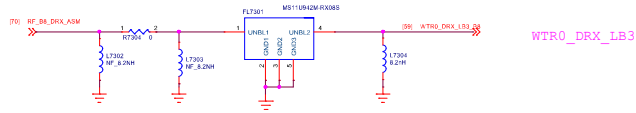
Band40



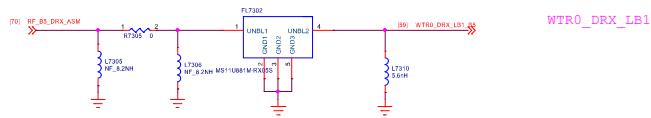
DRX_MHB

Title 72.DRX_MHB		REV: V10
DOCUMENT NO.: 80626_1_12 SKUH_MA1 TA1164		Size D
DEPARTMENT: Wingtec-SZ		DESIGNER: DESIGNER
WINGTEC		
Date: Monday, March 25, 2019		Sheet 72 of 52

Band 8

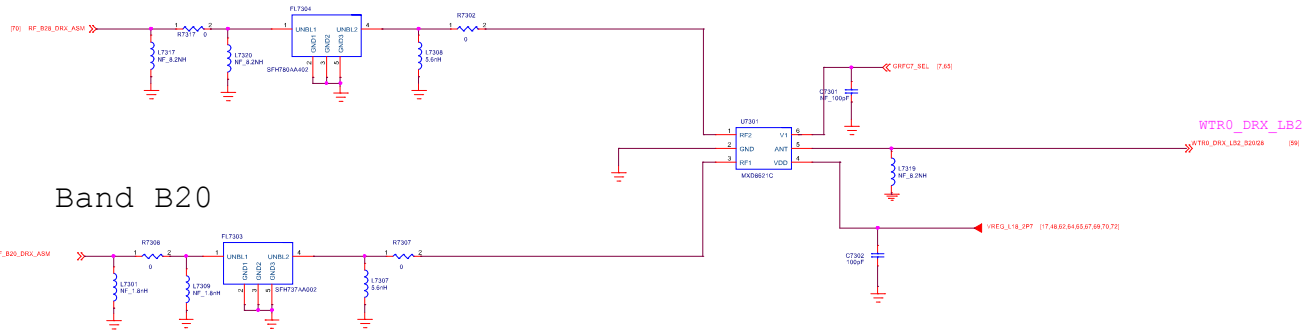


Band 5



Band 28

SKU1 NF switch



Band B20

DRX_LB

FILE	73.DRX_LB	REV	V10
DOCUMENT NO.	80626_1_12 SKU1_M41 TA1164	Size	D
DEPARTMENT	Wingtech-S2	DESIGNER	DESIGNER
Date	Monday, March 25, 2019	Sheet	73 of 82

A rectangular block labeled "RF Port" in a monospaced font, representing the input port of the antenna.

Interface

The diagram illustrates an interface between two components. On the left, there are two input ports labeled 'MPL_DATA_APT' and 'MPL_CLK_APT'. On the right, there are two output ports labeled 'RFFE_DATA' and 'RFFE_CLK'. Two horizontal lines with arrows at both ends connect the left ports to the right ports. The top line connects 'MPL_DATA_APT' to 'RFFE_DATA', and the bottom line connects 'MPL_CLK_APT' to 'RFFE_CLK'. The arrows on the left point towards the right, and the arrows on the right point towards the left, indicating a bidirectional flow of data.

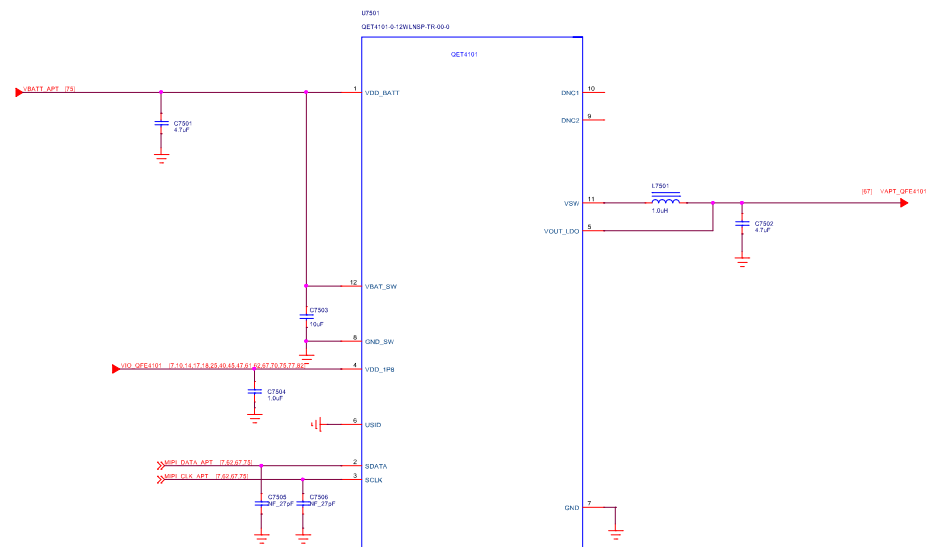
Left Port	Right Port
MPL_DATA_APT	RFFE_DATA
MPL_CLK_APT	RFFE_CLK

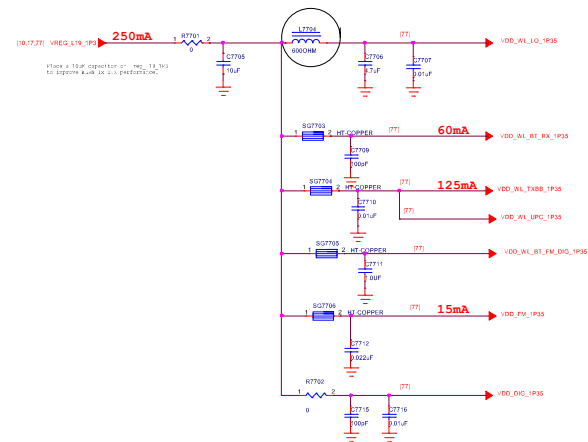
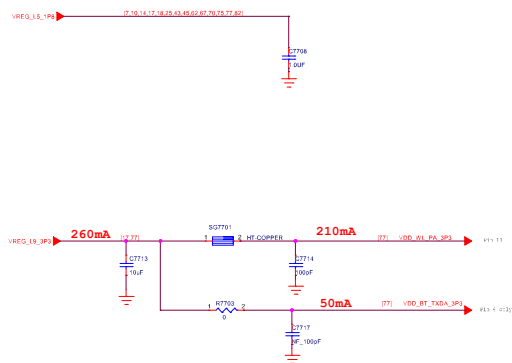
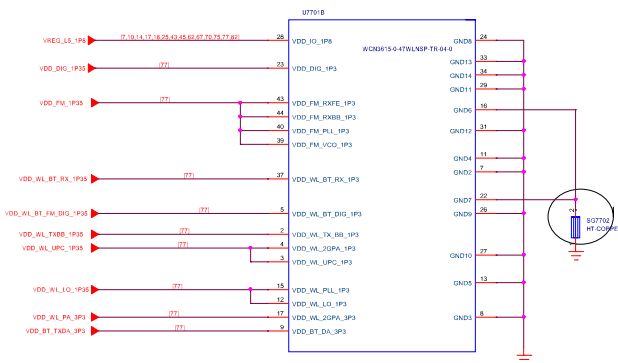
Power

The diagram illustrates the power supply connections for the HT Copper module. It features a central component labeled 'HT COPPER' with a 'Q7802' chip. Two red arrows indicate the power flow: one from 'VIO_Q7802_1' (pin 1) to 'VREG_L3_1P8' (7.0, 13.4, 14.1) and another from 'VBATT_APT' (pin 2) to 'VPH_P8R' (13.14, 15, 16, 17).

Pin 1: VIO_Q7802_1 → VREG_L3_1P8 (7.0, 13.4, 14.1)

Pin 2: VBATT_APT → VPH_P8R (13.14, 15, 16, 17)

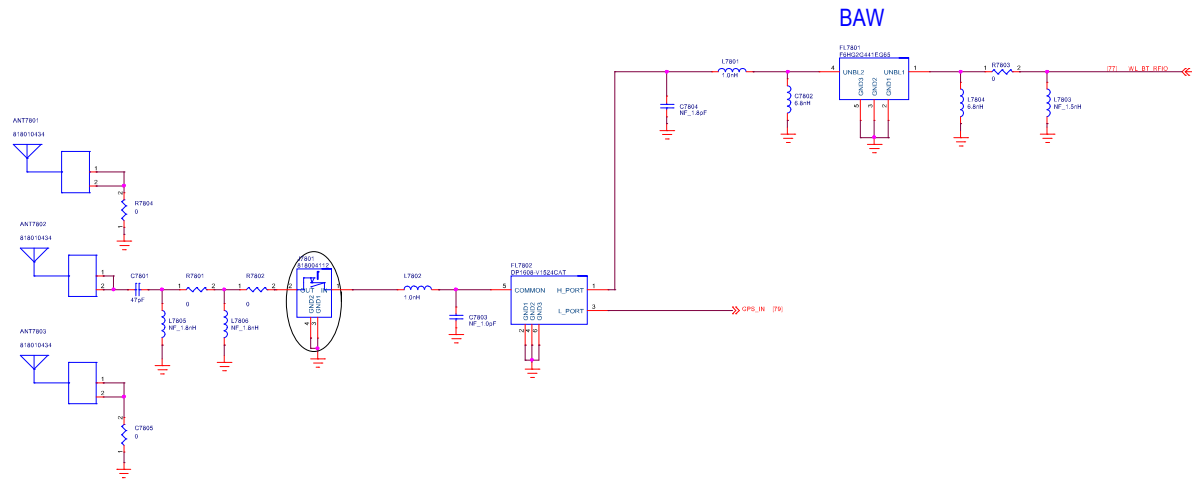




Power



WCN3615_IC



RF Port

Interface

Power

WIFI_RF

FILE:	78.WIFI_RF	REV:	V10
DOCUMENT NO.:	80626_1_12 BRUP_HAY TA1164	Size	D
DEPARTMENT:	Wingtech-S2	DESIGNER:	DESIGNER
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