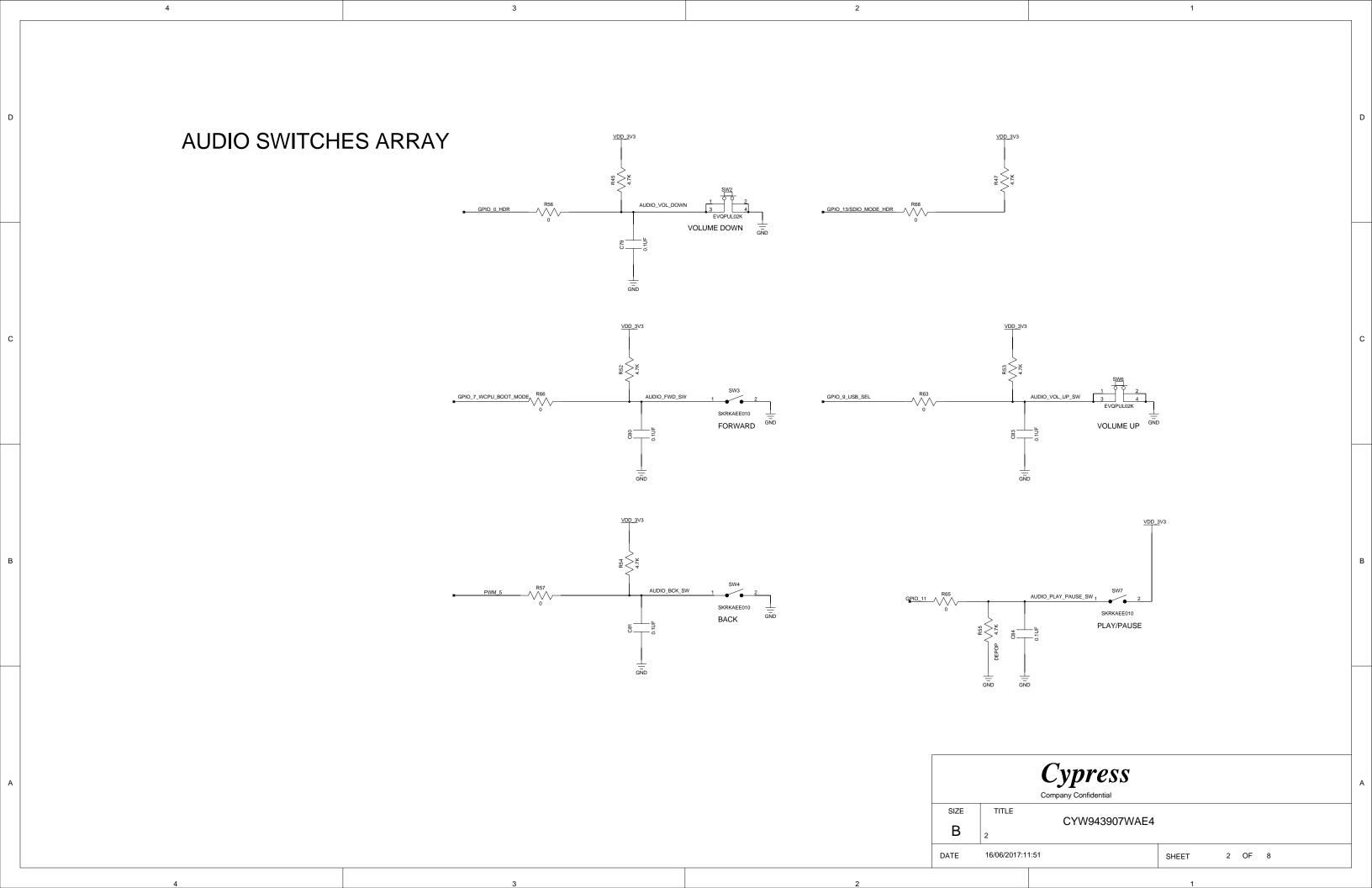
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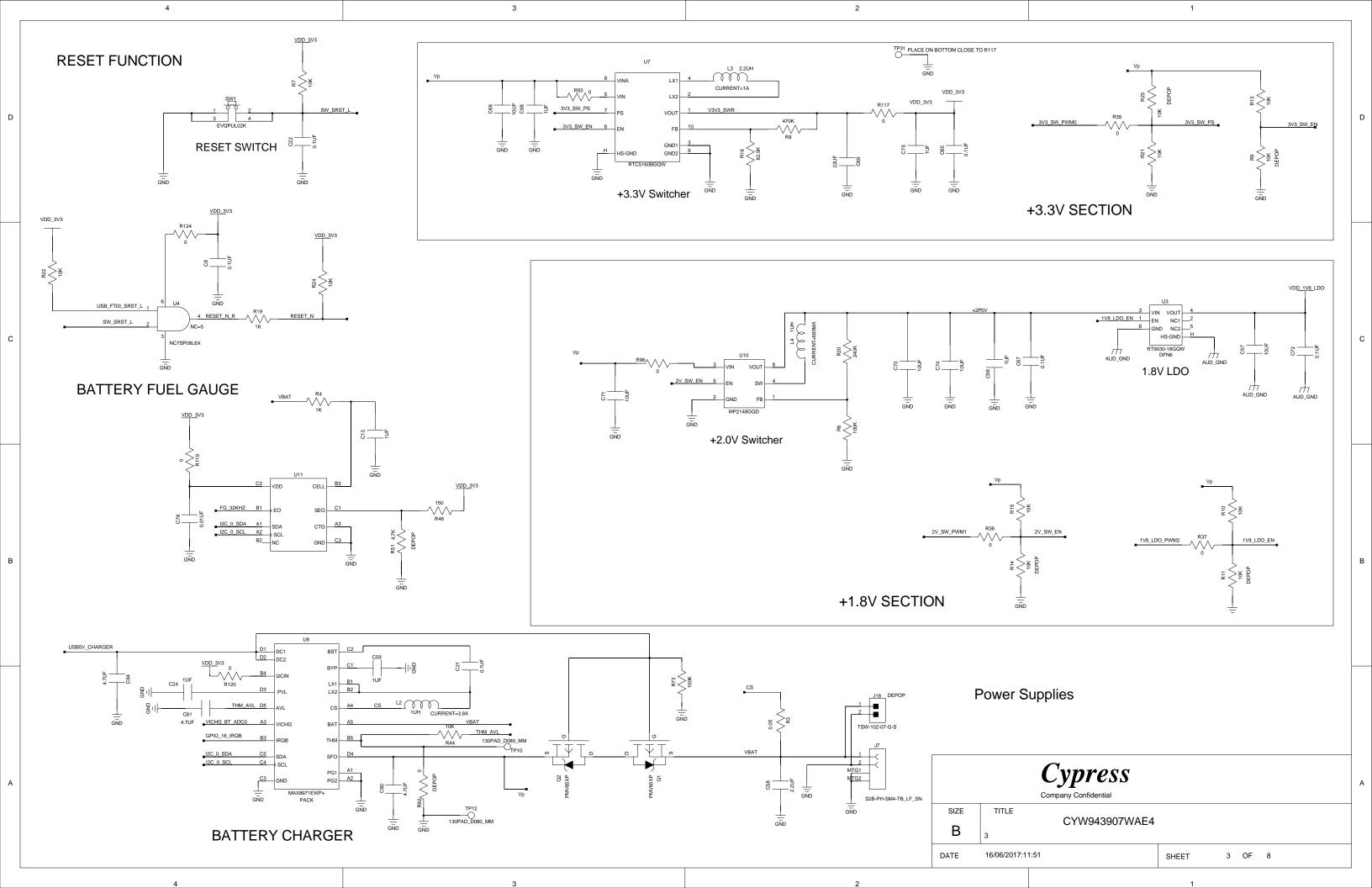
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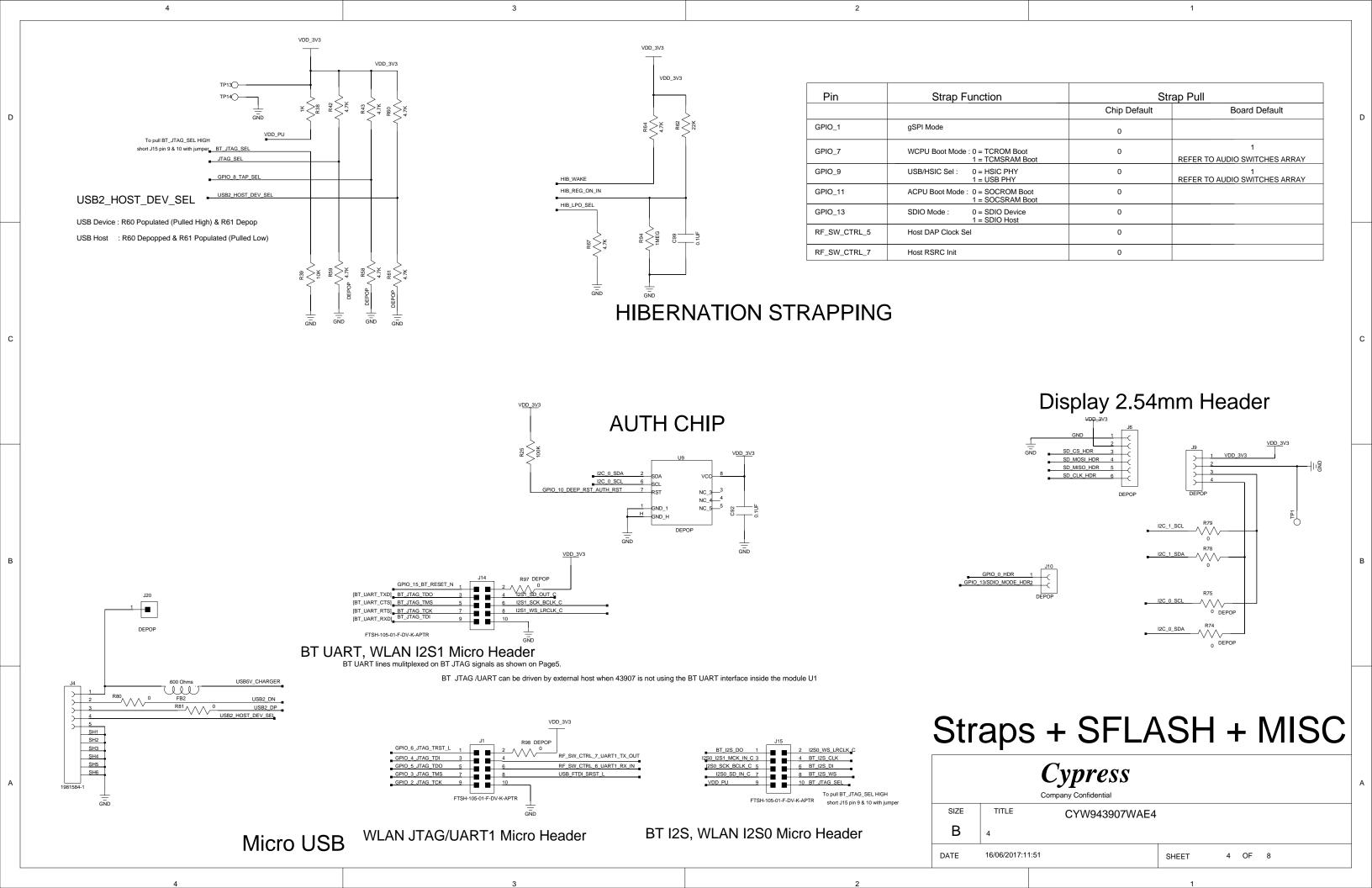
Actual PAD Names on BCM43907 WLCSP PKG	GPIO Definition on BCM43907 GCI Bus 2nd # is FUNCTION TABLE	Input or Output from BCM43907	Description of Functionality
GPIO_0	GPIO_0 1	Input	AUDIO_VOL_DOWN
GPIO_1	GPIO_1 1	Output	43907 Wakes up BT IC (BT_DEV_WAKE)
GPIO_2	GPIO_2 1*	NC - JTAG	Not Used JTAG_TCK - 4 Debug
GPIO_3	GPIO_3 1*	NC - JTAG	Not Used JTAG_TMS - 4 Debug
GPIO_4	GPIO_4 1*	NC - JTAG	Not Used JTAG_TDI - 4 Debug
GPIO_5	GPIO_5 1*	NC - JTAG	Not Used JTAG_TDO - 4 Debug
GPIO_6	GPIO_6 1*	NC - JTAG	Not Used JTAG_TRST_L - 4 Debug
GPIO_7	GPIO_7 1	Input	AUDIO_FWD_SW
GPIO_8	GPIO_8 1	Input	TAP_SEL
GPIO_9	GPIO_9 1	Input	AUDIO_VOL_UP_SW
GPIO_10	GPIO_10 1	Input	AUTH IC RESET
GPIO_11	GPIO_11 1	NC	Audio Play/Pause
GPIO_12	GPIO_12 1	Input	2nd CLOCK for CODEC (XTI)
GPIO_13	GPIO_13 1	Input	
GPIO_14	GPIO_14 1	Input	BT IC Wakes up 43907 (BT_HOST_WAKE)
GPIO_15	GPIO_15 1	Input	43907 Reset to BT IC (LOW = RESET BT 707)
GPIO_16	GPIO_16 1	Output	Battery Charger Interrupt
PWM_0	GPIO_18 3	Input	Enable +3.3V SW Regulator PSM mode ( Power Save Mode )
PWM_1	GPIO_19 3	Output	Enable +2.0V SW Regulator
PWM_2	GPIO_20 3	Output	Enable +1.8V LDO
PWM_3	GPIO_21 3	Input	CODEC PDN
PWM_4	GPIO_22 3	Input	Enable Red LED (U13)
PWM_5	GPIO_23 3	Input	AUDIO_BCK_SW
SPI_0_CLK	GPIO_25 3	Input	FRAM
SPI_0_MISO	GPIO_24 3	Input	FRAM
SPI_0_MOSI	GPIO_26 3	IN / OUT	FRAM
SPI_0_CS	GPIO_27 3	IN / OUT	FRAM
I2C0_SDATA	GPIO_28 3	IN / OUT	12C0
I2C0_CLK	GPIO_29 3	IN / OUT	12C0

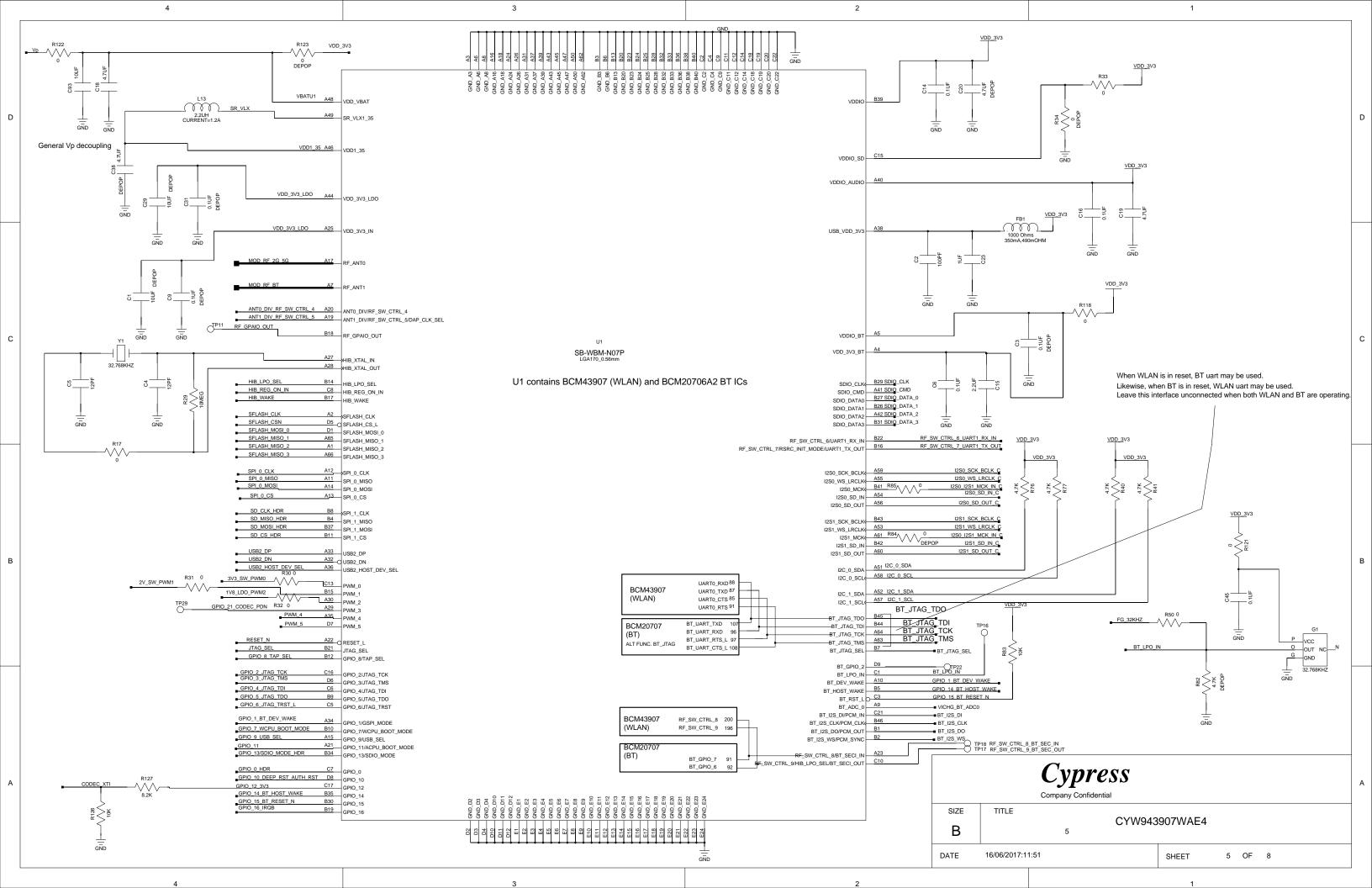
Approvals			Cypress						
Designer	Date	Company Confidential							
Reviewer	Date	SIZE B	TITLE	1	CYW943907WAE4				
Reviewer	Date	Designer Gurmail	1			Drawing Number 630-90492-01	Version Rev1.0		
Reviewer	Date	DATE	6/16/2017			SHEET 1 OF	8		

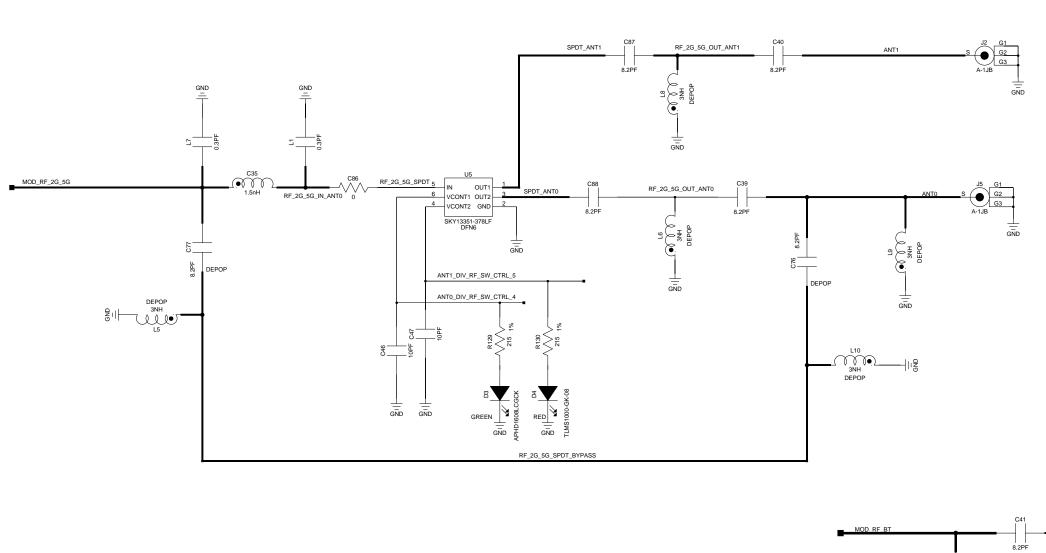
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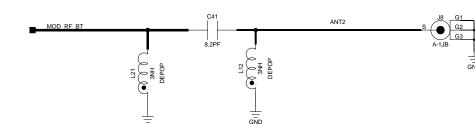






U5 2G/5G SPDT Antenna Diversity Switch Control Table					
MODE OF OPERATION Ant Diversity	ANT0_DIV_RF_SW_CTRL_4 SPDT (U5 VCONT1)	ANT1_DIV_RF_SW_CTRL_5 DPDT (U5 VCONT2)			
RF_2G_5G to Ant0	1	0			
RF_2G_5G to Ant1	0	1			

ALL OTHER STATES UNDEFINED



## ANTENNA DIVERSITY

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