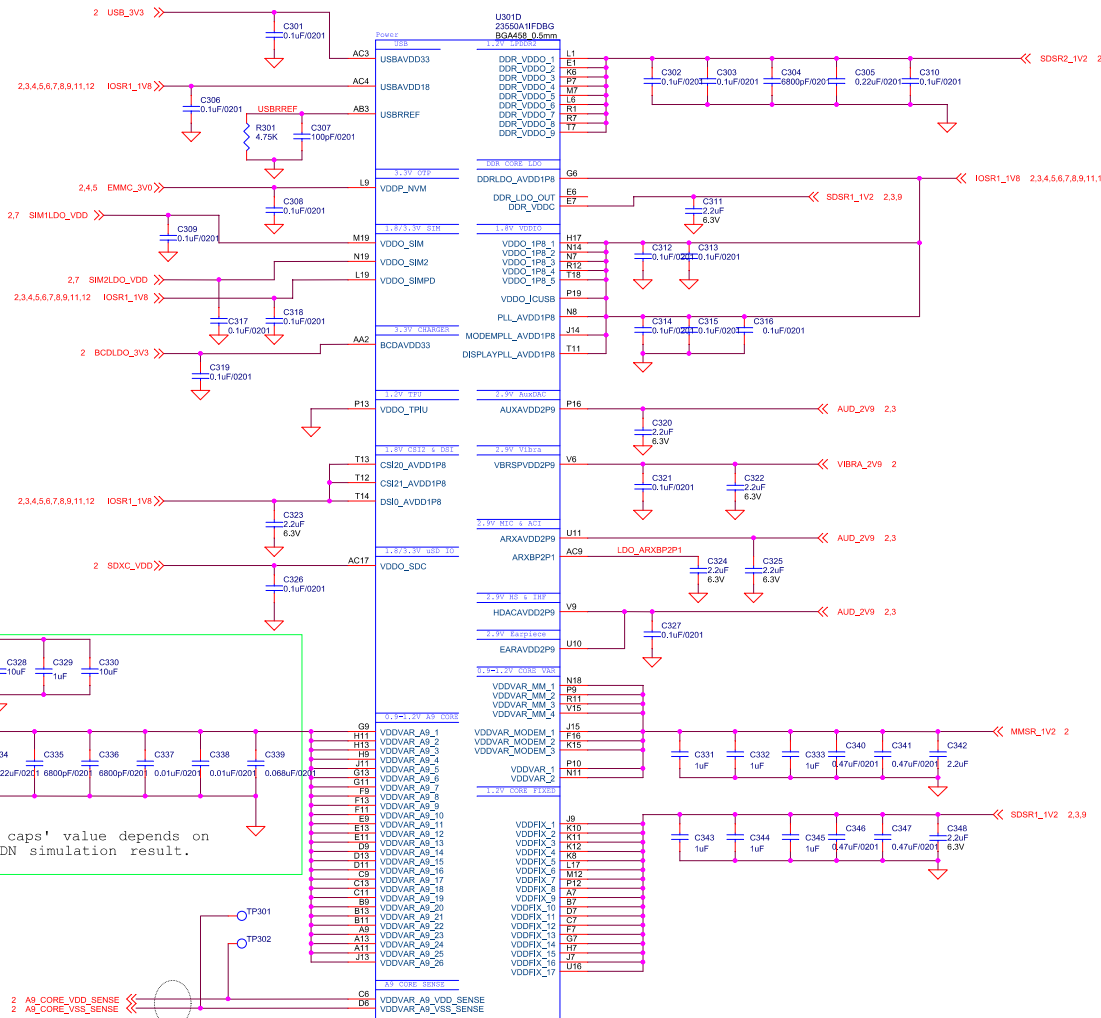
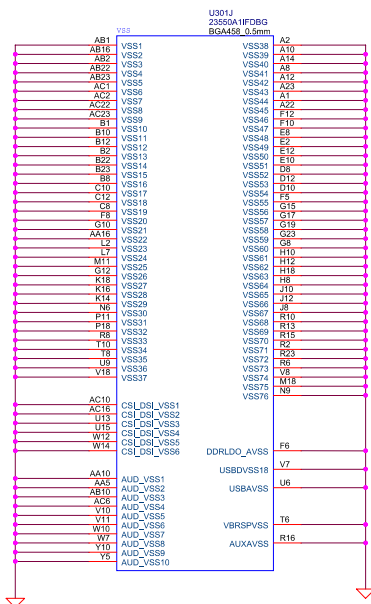
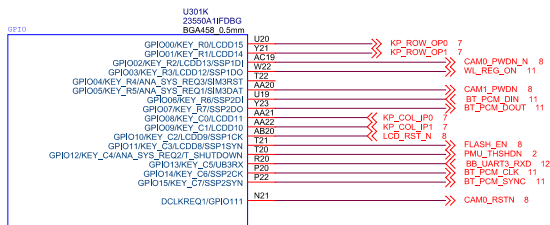


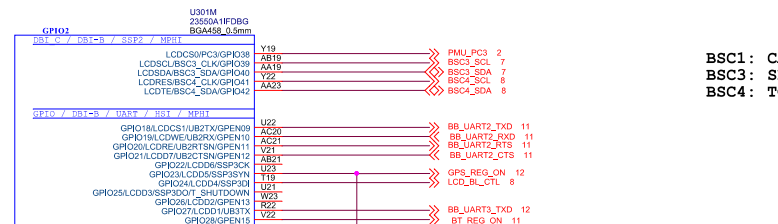


THESE NEED TO CONNECT TO GND PLANE DIRECTLY

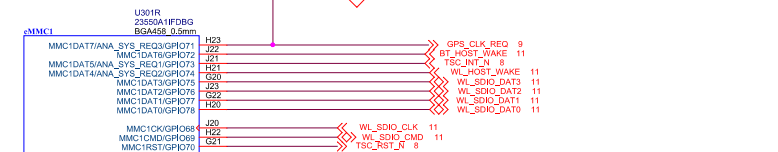
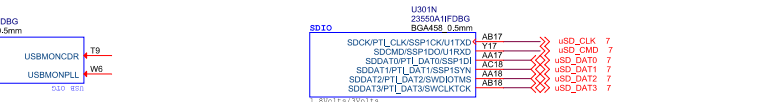
These caps' value depends on the PDN simulation result.



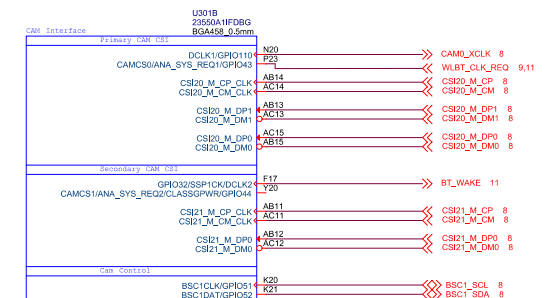
GPIO



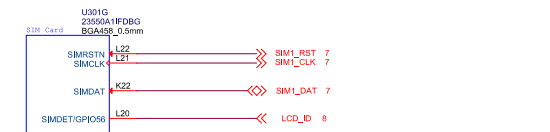
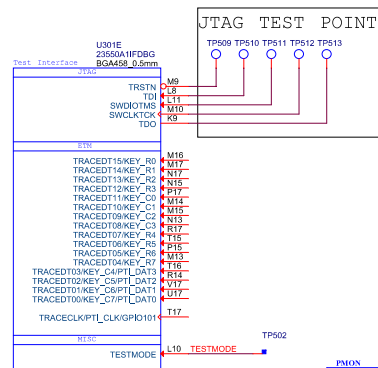
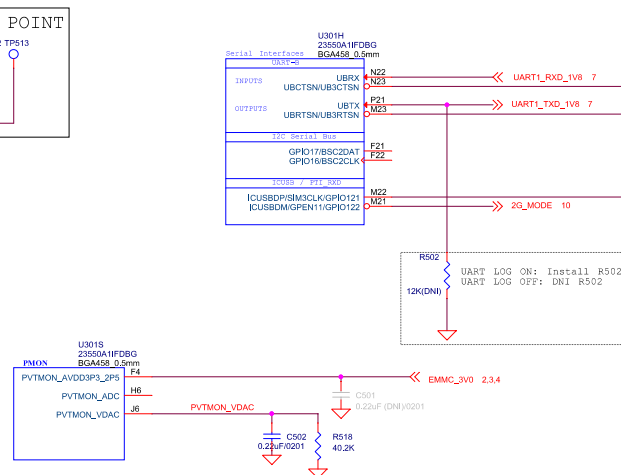
GPIO / BSC3-4



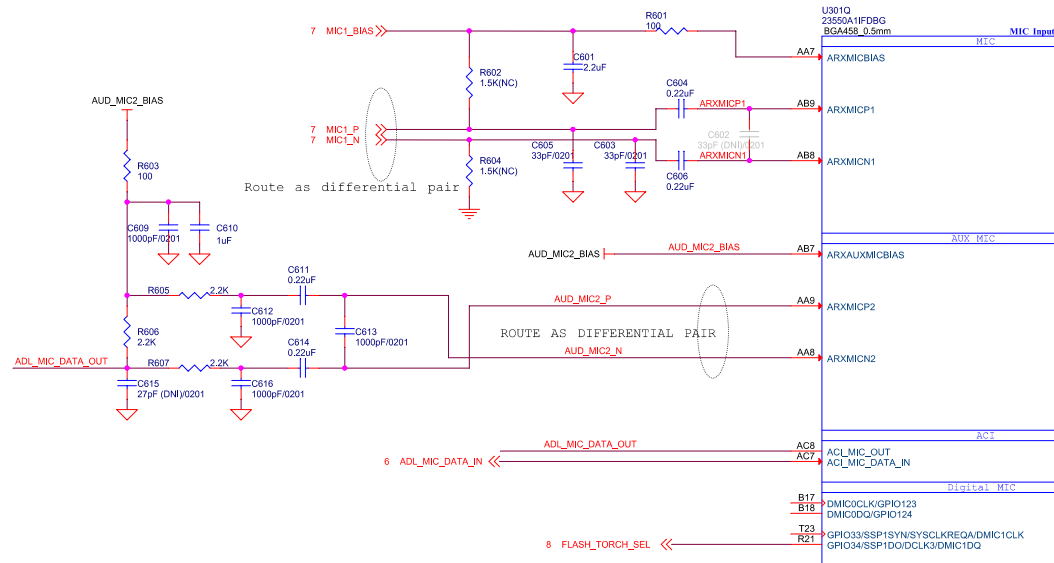
SDIO



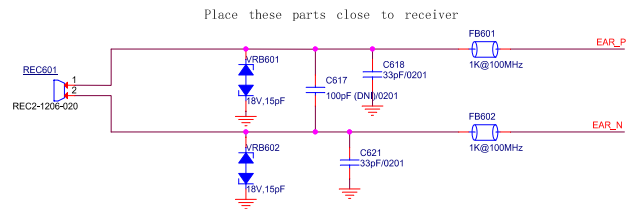
CAMERA



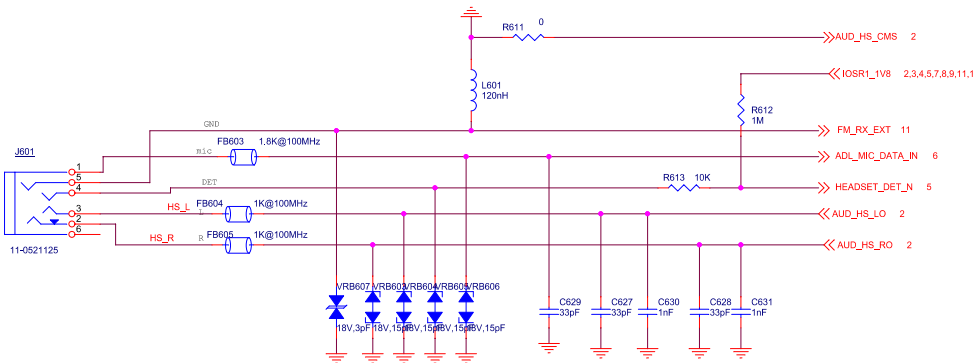
		Broadcom Corporation	
		5300 California Ave Irvine, CA 92617 USA	
Java A25 : BB GPIOs		Size	DWG NO
Custom		JAVA_A25_EDN010	Rev 01
Thursday, July 03, 2014		Scale	Sheet 5 of 13



Digital MIC: DNI by default

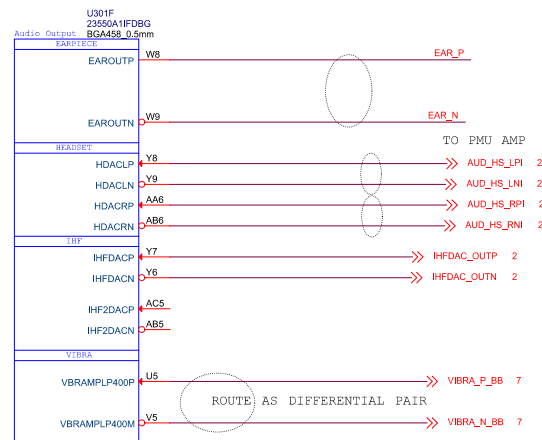


Stereo PA: DNI by default



EARPIECE

ROUTE AS DIFFERENTIAL PAIR



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USA

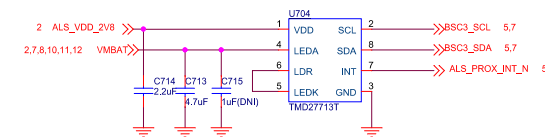
Java A25 : AUDIO

Size	DWG NO	Rev
Custom	JAVA_A25_EDN010	01

Wednesday, February 12, 2014

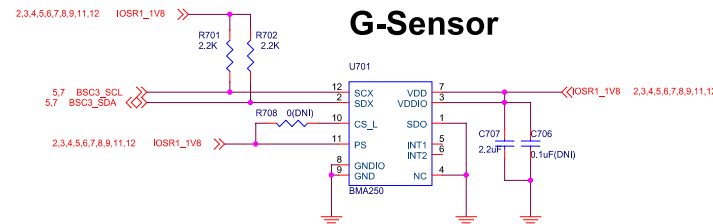
Scale Sheet 6 of 13

ALS & PS Sensor



TAOS TMD 27713
 ADDRESS 0x39
 I2C Vbus = 1.8V interface
 TAOS TMD 27713
 ADDRESS 0x39
 I2C Vbus = 1.8V interface

G-Sensor

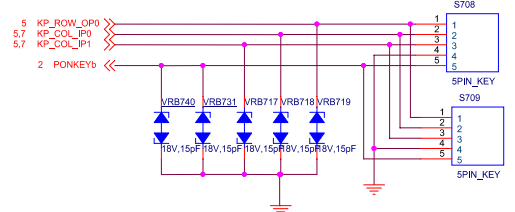


I2C ADDR = 0x18 BMA250
 I2C ADDR = 0x0E KXTJ2-1009

FPC

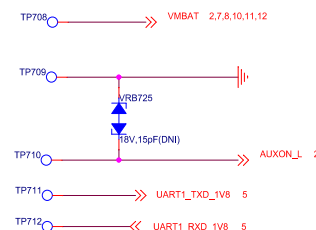


Volume Up Down,ponkey

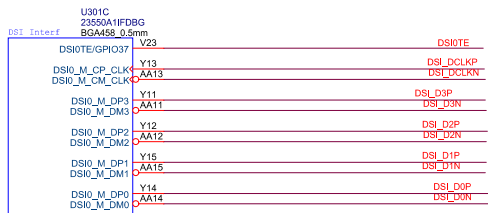


S1 Vol + : ROW_OP0 and COL_IP1
 S2 Vol - : ROW_OP0 and COL_IP0

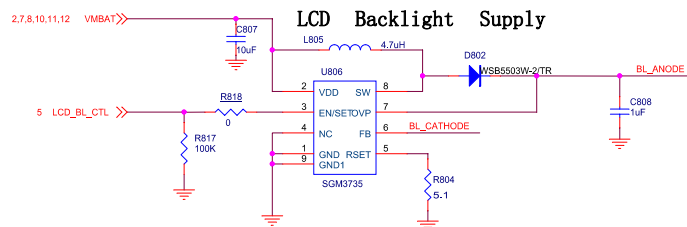
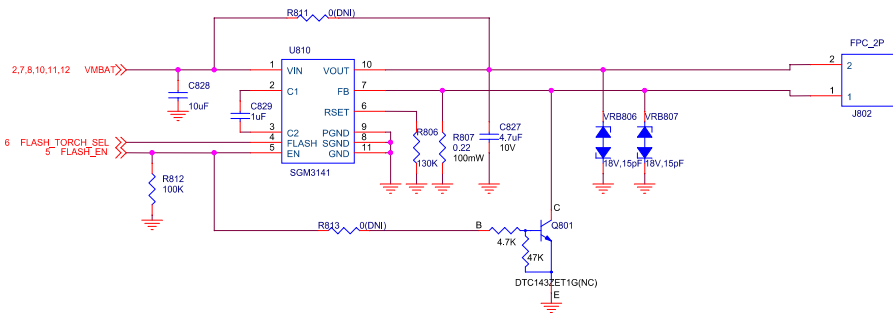
FACTORY TEST POINTS



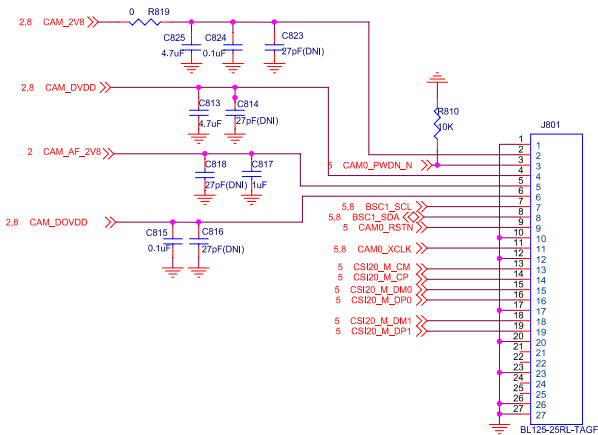
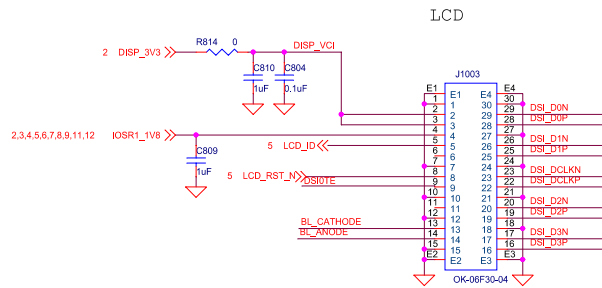
	Broadcom Corporation 5300 California Ave Irvine, CA 92617 USA		
	Java A25 : SIM, SD,USB,SENSOR,FPC		
Size	Custom	DWG NO	Rev
		JAVA_A25_EDN010	01
Scale		Sheet	7 of 13
Wednesday, February 12, 2014			



DSI SIGNALS TO BE ROUTED AS 100 OHMS DIFFERENTIAL PAIR



MAIN CAM

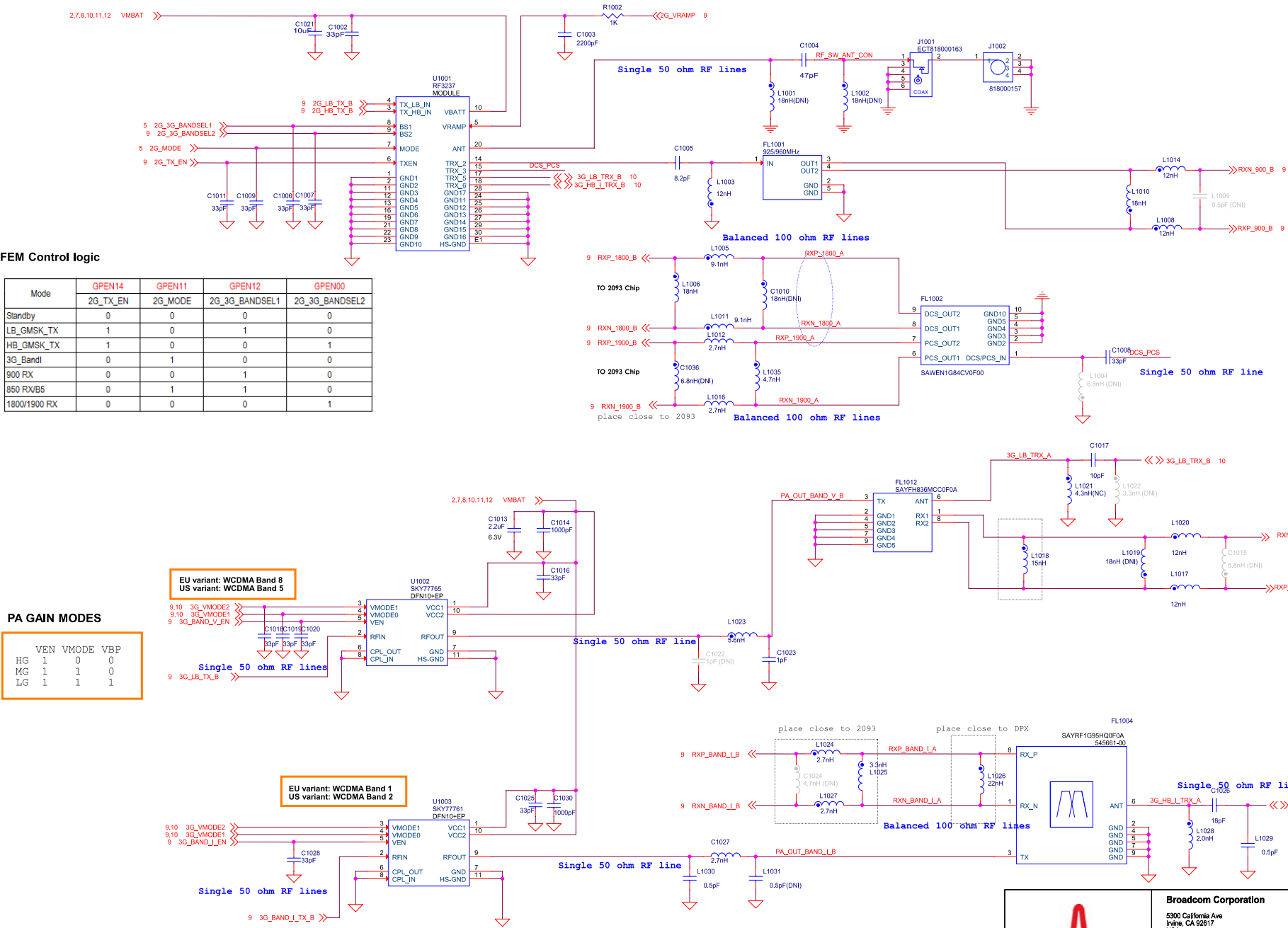


FEM Control logic

Mode	GPEN14	GPEN11	GPEN12	GPEN00
	2G_TX_EN	2G_MODE	2G_3G_BANDSEL1	2G_3G_BANDSEL2
Standby	0	0	0	0
LB_GMSK_TX	1	0	1	0
HB_GMSK_TX	1	0	0	1
3G_Band1	0	1	0	0
900 RX	0	0	1	0
850 RX/B5	0	1	1	0
1800/1900 RX	0	0	0	1

PA GAIN MODES

	VEN	VMODE	VBP
HG	1	0	0
MG	1	1	0
LG	1	1	1





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USA

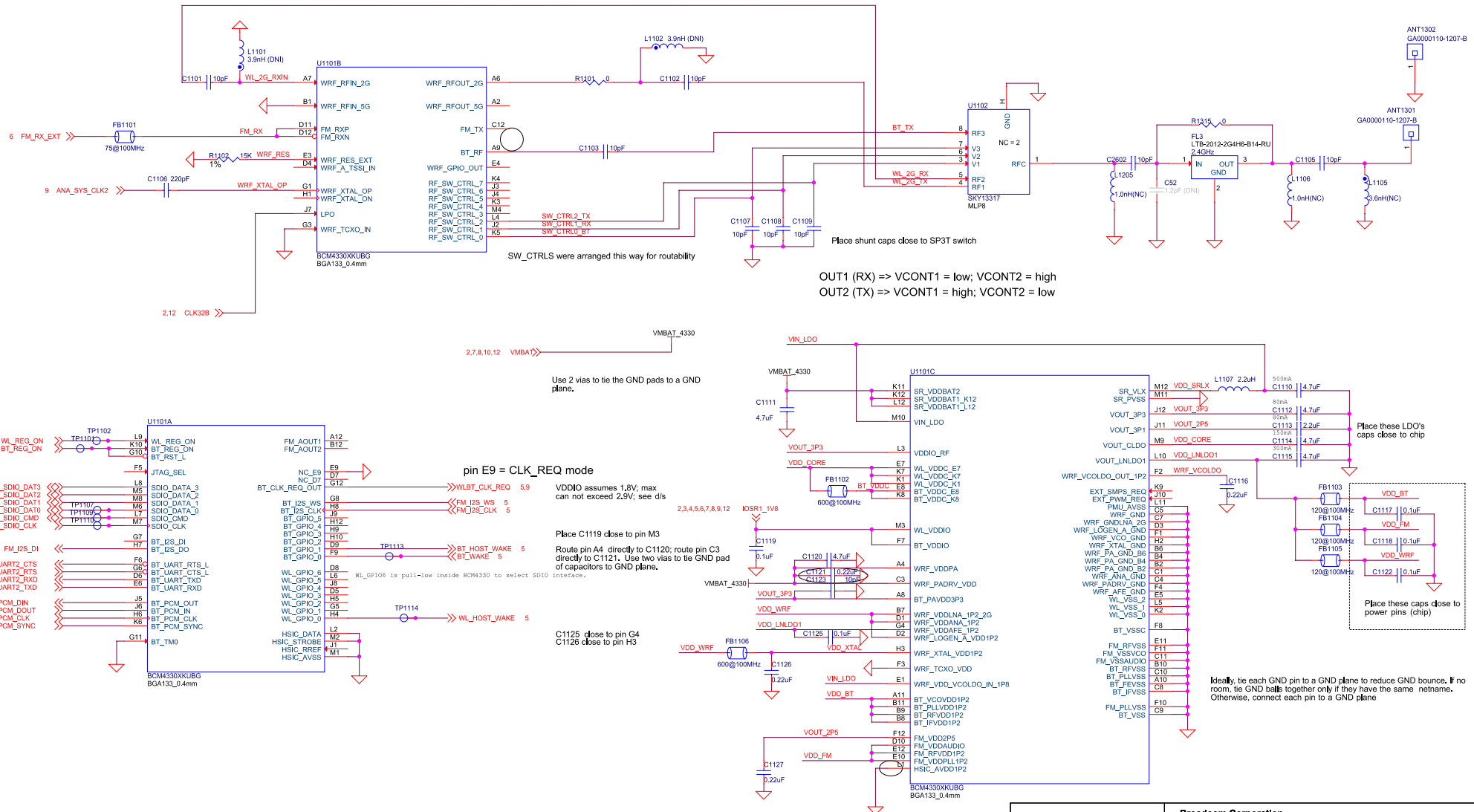
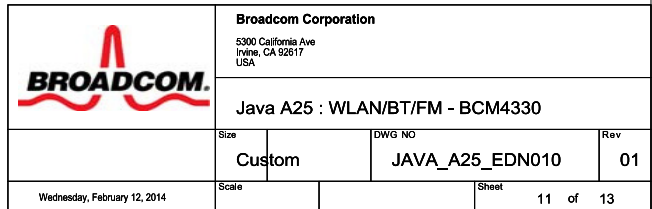
Java A25 : RF - 2/3G PA,FEM, ANT

Size	DWG NO	Rev
Custom	JAVA_A25_EDN010	01

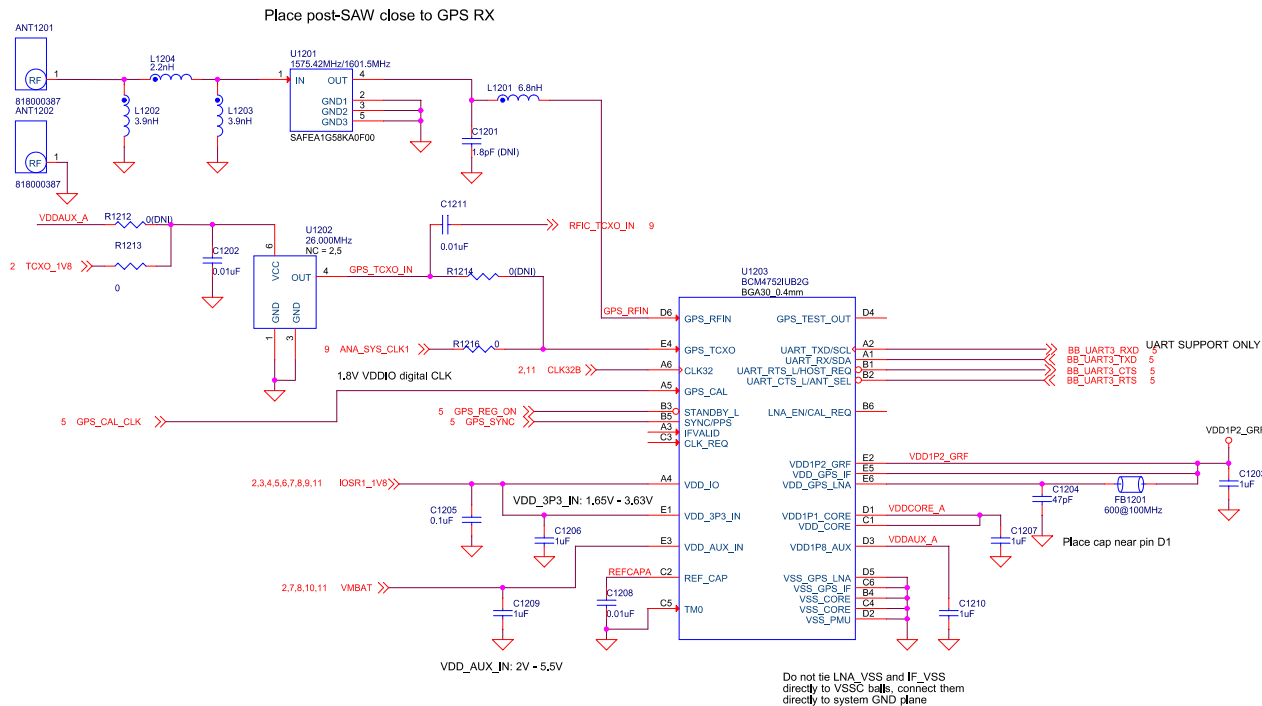
Scale	Sheet
Wednesday, February 12, 2014	10 of 13

WLAN/BT/FM

Dual-Band, Single Antenna



Remove any GND planes (L2 - L whatever) below OSC. place OSC further from chip to reduce thermal noise couplings



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Java A25 : GPS - BCM4752LUB2G		
Size	DWG NO	Rev
Custom	JAVA_A25_EDN010	01
Scale	Sheet	12 of 13
Wednesday, February 12, 2014		