RDA8810NL&P&PL REFERENCE DESIGN SCHEMATIC

INDEX OF SCHEMATIC PAGES

PAGE	DESCRIPTION
PAGE01:	INDEX
PAGE02:	RDA8810 BB
PAGE03:	RDA8810 AB&SIM Card
PAGE04:	RF RDA6625
PAGE05:	T-Flash Card
PAGE06:	Keypad/LCM/CAMERA/G-SENSOR
PAGE07:	TP & I/O Interface
PAGE08:	Audio
PAGE09:	WIFI/BT/FM RDA5991

RDA Microelectronics Inc.

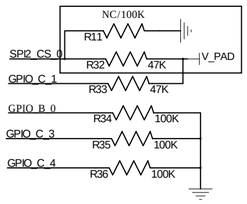
Title: **Index**

Size: C | Document Number: **RDA8810 Schemaitc** | Rev: 1.0

Date: Monday, May 25, 2015 | Sheet 1 of 9

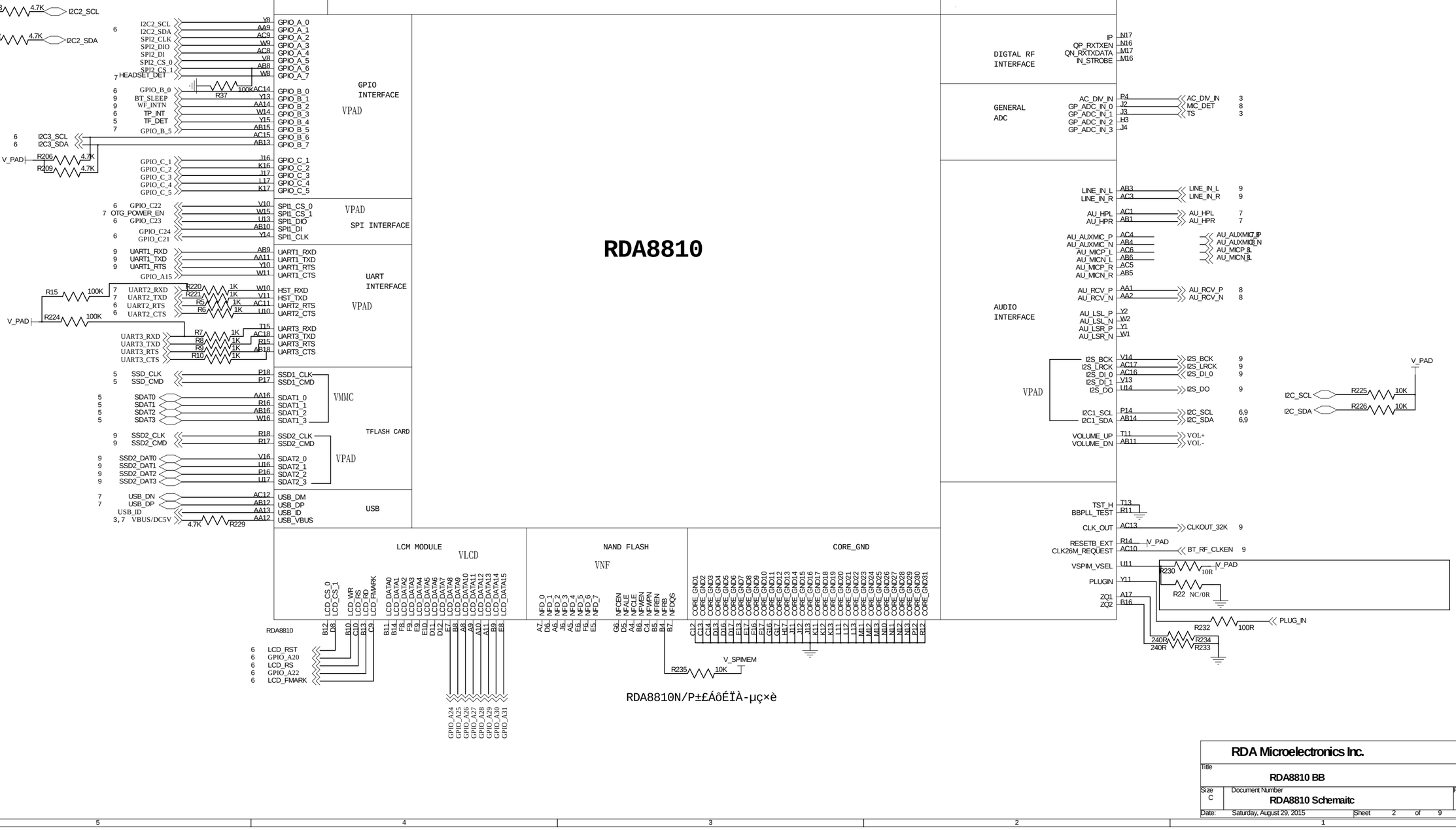
BOOTMODE ²Î¿¼pinpadÎÄµµ

	GPIO_A_5	GPIO_B_0	GPIO_C_1	GPIO_C_2	GPIO_C_3	GPIO_C_4	VSPIM_VSEL
RDA8810NL	0	0	1	0	0	0	1
RDA8810P	1	0	1	0	0	0	0
RDA8810PL	1	0	1	0	0	0	1

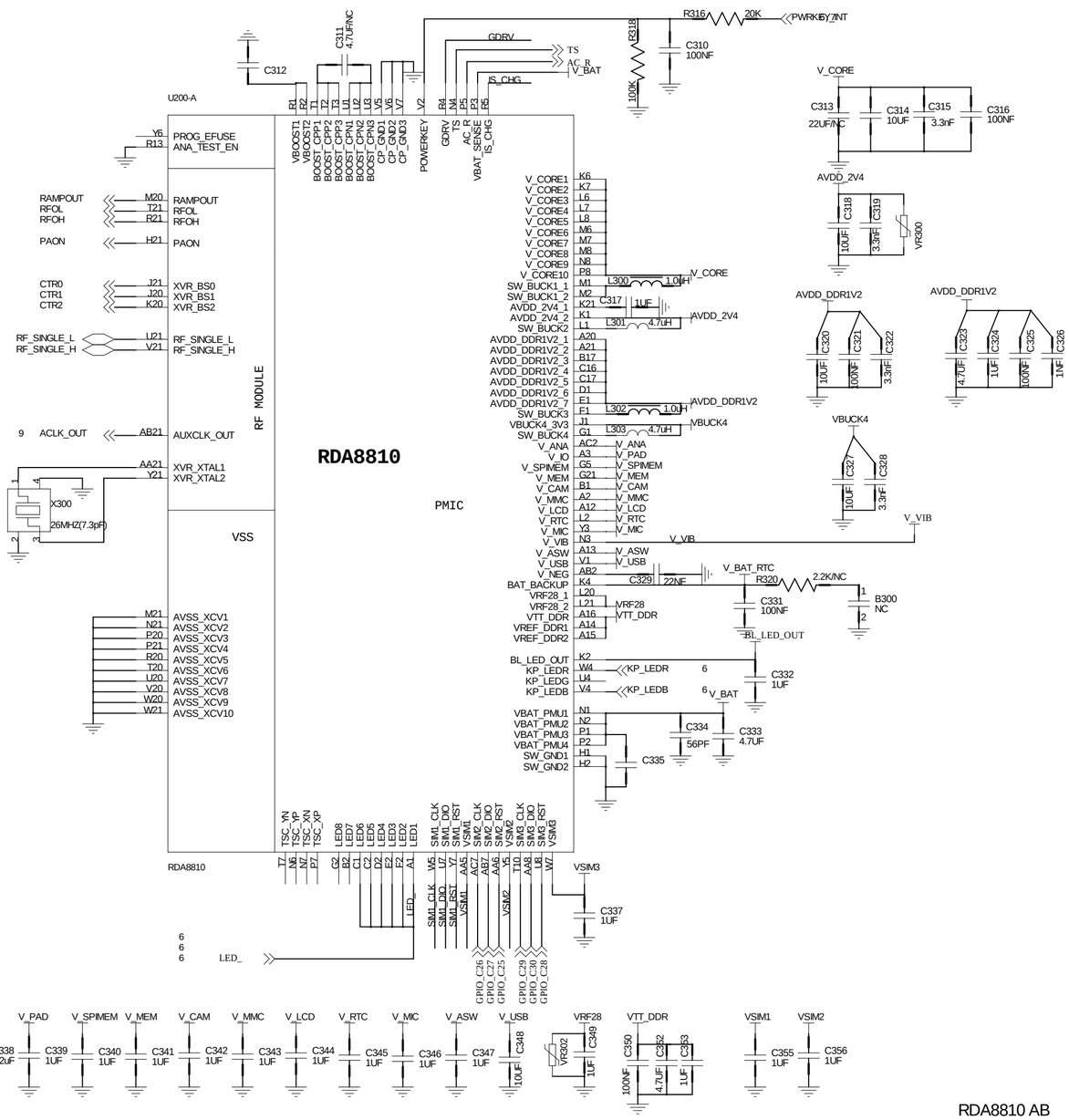


RDA8810

RDA8810N/P±£ÁôÉÏÀ-µç×è



Company	RDA Microelectronics Inc.
Title	RDA8810 BB
Size	C
Document Number	RDA8810 Schemaitc
Rev	1.0
Date:	Saturday, August 29, 2015
Sheet	2 of 9



Power name	output voltage(V)	output current(mA)	Default	Sleep	Field	Note
V_PAD	1.8/2.8	60/120	ON	ON	GPIO/SPI/UART/HOST/I2C	
V_ANA	2.5	120	ON	OFF		
VSPI_MEM	1.8/2.8	170	ON	ON	SPI_MEM	
V_MEM	1.8	120	ON	ON		Internal memory
V_CAM	1.8/2.8	100/120	ON	OFF	CAM	
V_MMC	2.7/3.0	100	ON	OFF	MMC	SD card
V_LCD	1.8/2.8	140/140	ON	OFF	LCM	
V_MIC	1.8	/	OFF	OFF		
V_VIB	3.2	150	OFF	OFF		Viberator
V_ASW	1.8/2.8	170/190	ON	OFF		
V_USB	3.3	240	ON	ON		USB
VRF28	1.8/2.8	130/130	ON	ON		RF
VTT_DDR	0.6	/	OFF	OFF		
BL_LED_OUT	3.2	190	OFF	OFF		DDR ref
VSIM1	1.8/2.8	100	OFF		SIM1	LED
VSIM2	1.8/2.8	100	OFF		SIM2	
VSIM3	1.8/2.8	100	OFF		SIM3	
V_RTC	2.8	/	ON	ON		

Battery Connector

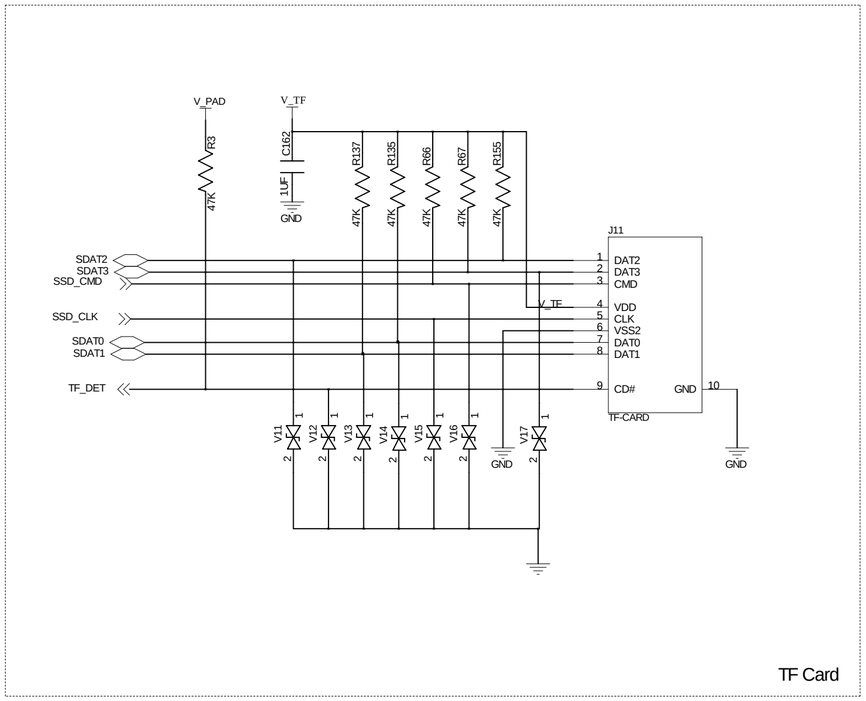
RDA Microelectronics Inc.

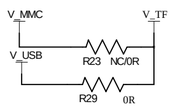
Title: **RDA8810 AB & SIM Card**

Size: C | Document Number: **RDA8810 Schemaitc** | Rev: 1.0

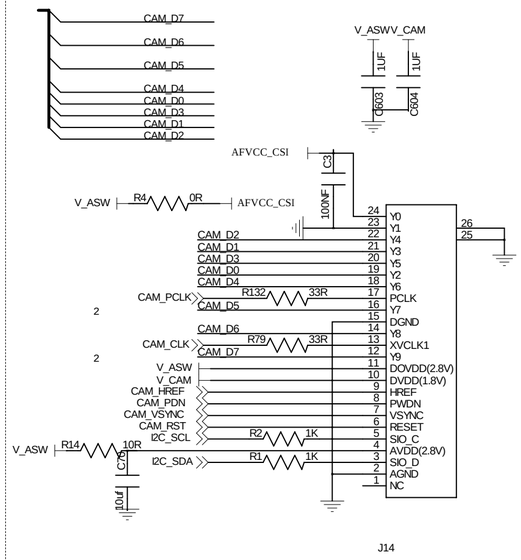
Date: Saturday, August 29, 2015 | Sheet 3 of 9

RDA Microelectronics Inc.	
Title	**RF RDA6625**
Size: C	Document Number: **RDA8810 Schemaitc** — Rev: 1.0
Date: Monday, April 27, 2015	Sheet 4 of 9



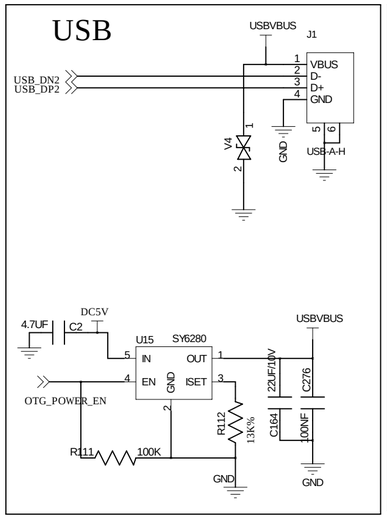


RDA Microelectronics Inc.		
Title: **T-Flash Card**		
Size: C	Document Number: **RDA8810 Schemaitc**	Rev: 1.0
Date: Monday, April 27, 2015	Sheet 5 of 9	



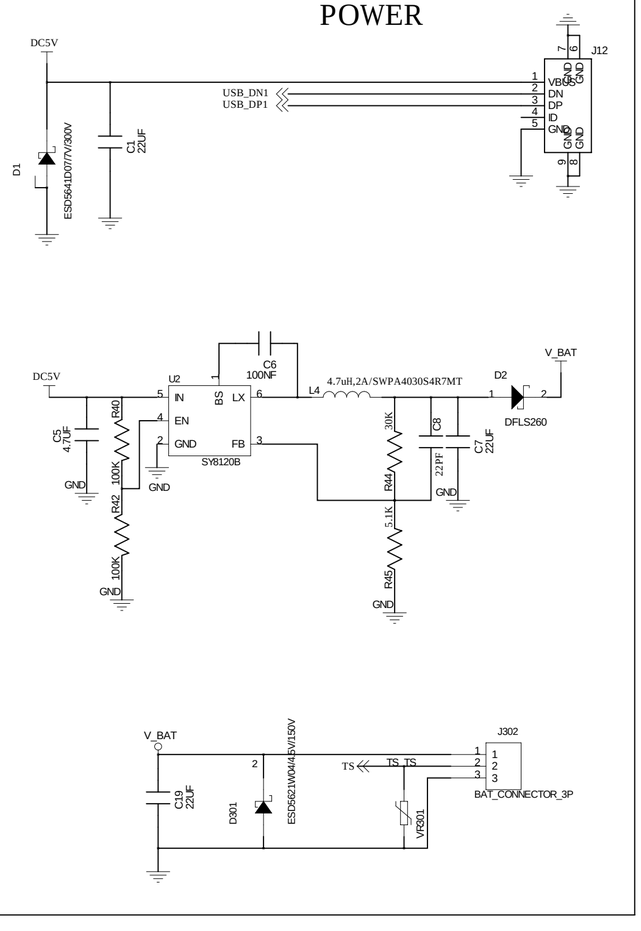
RDA Microelectronics Inc.		
Title: **Keypad/LCM/CAMERA/SENSOR**		
Size: C	Document Number: **RDA8810 Schemaitc**	Rev: 1.0
Date: Saturday, August 29, 2015	Sheet 6 of 9	

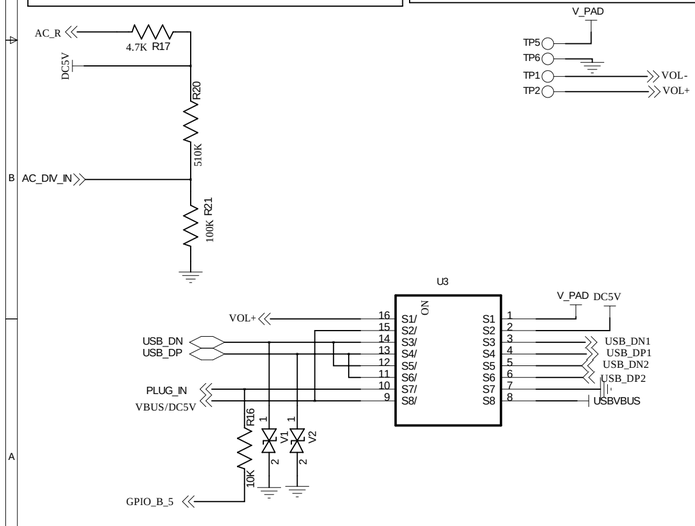
USB



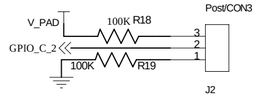
DEBUG-UART

POWER

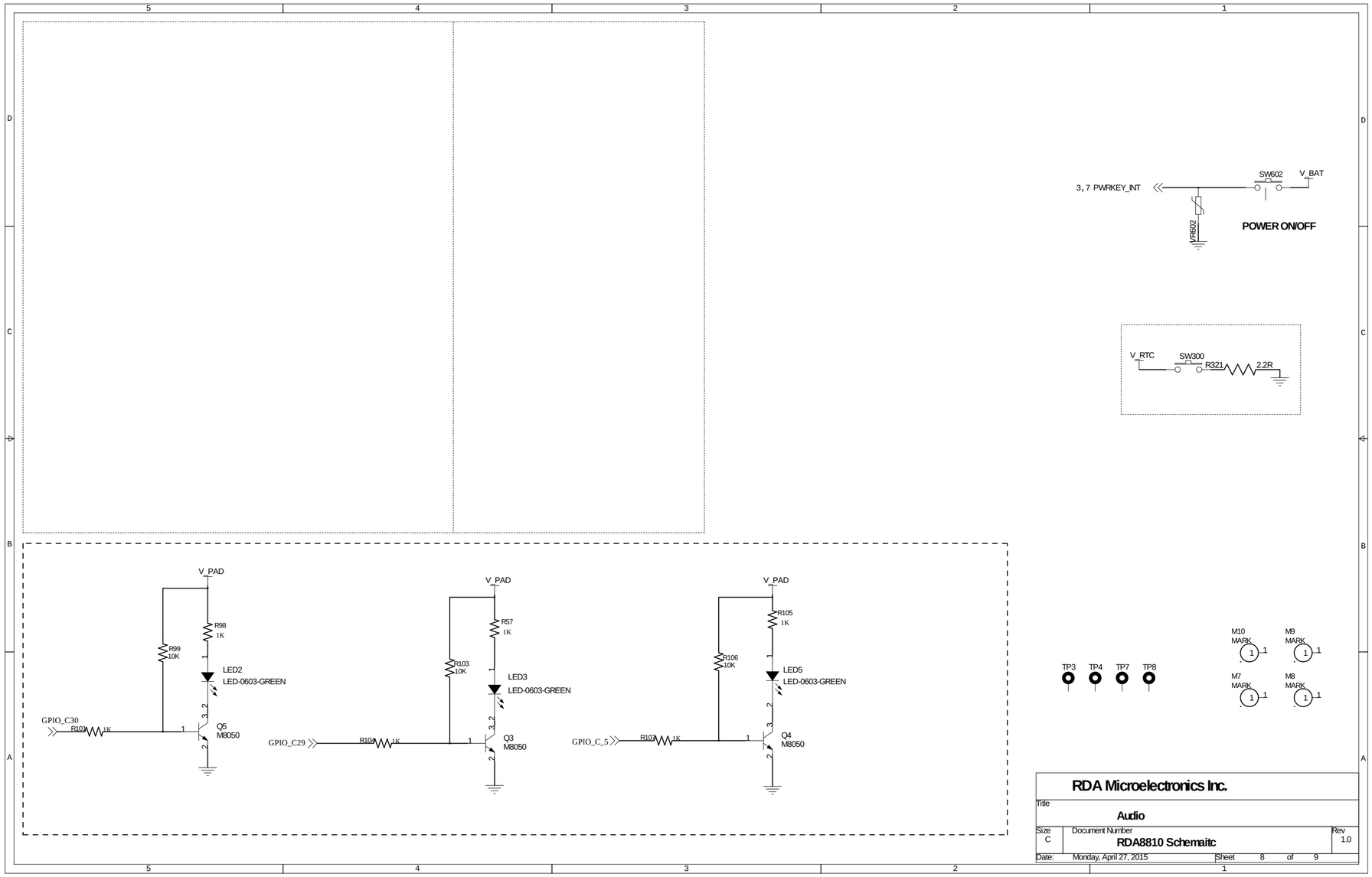




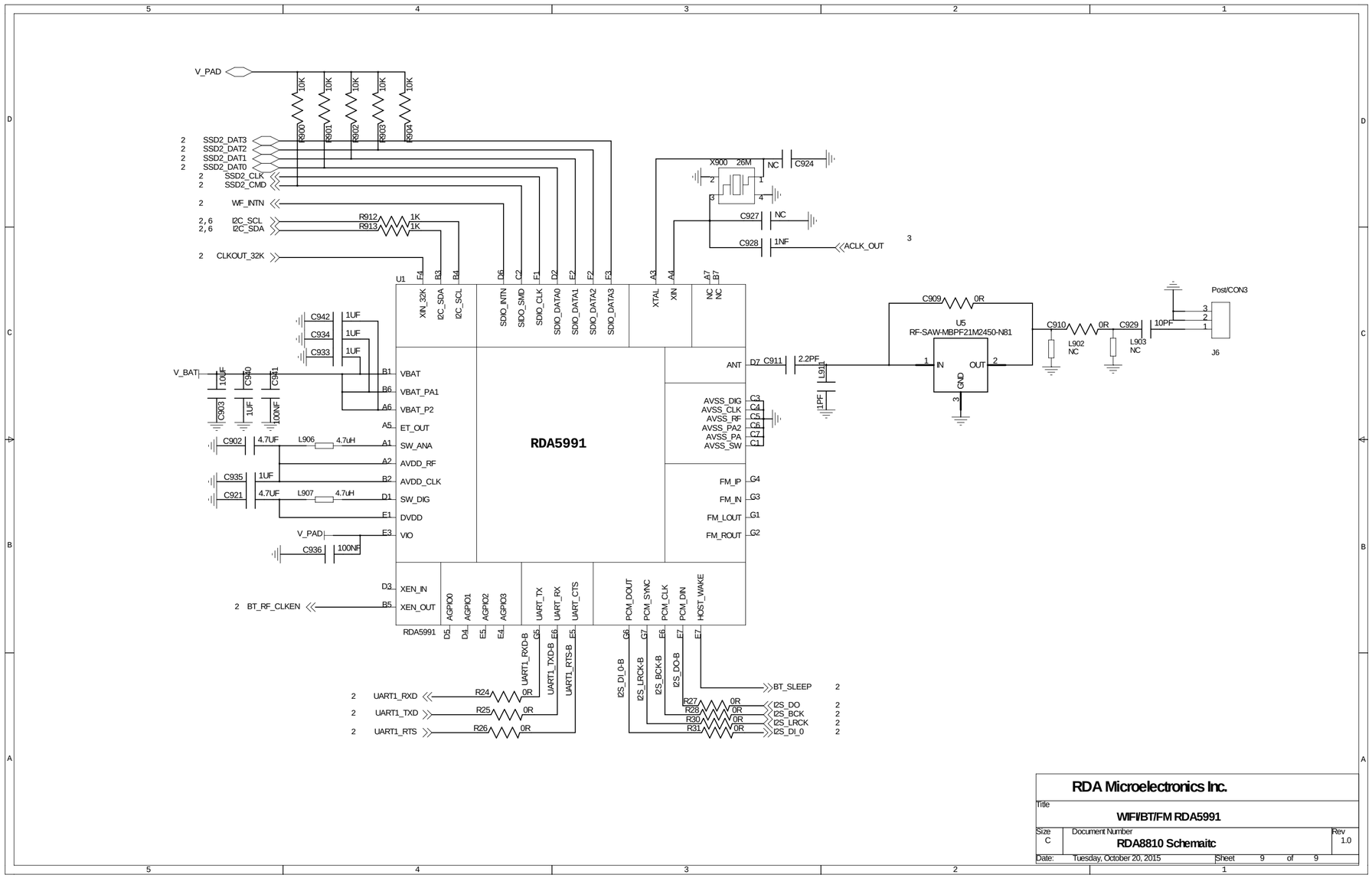
short 1/2 load from NAND
short 3/2 load from T card



RDA Microelectronics Inc.		
Title: I/O Interface		
Size: C	Document Number: RDA8810 Schemaitc	Rev: 1.0
Date: Saturday, August 29, 2015	Sheet 7 of 9	



RDA Microelectronics Inc.		
Title: **Audio**		
Size: C	Document Number: **RDA8810 Schemaitc**	Rev: 1.0
Date: Monday, April 27, 2015	Sheet 8 of 9	



RDA Microelectronics Inc.		
Title: **WIFI/BT/FM RDA5991**		
Size: C	Document Number: **RDA8810 Schemaitc**	Rev: 1.0
Date: Tuesday, October 20, 2015	Sheet 9 of 9	