

SDM670 GPIO Configuration (need update)						
GPIO_0	QUP_SPI_MISO_0	GPIO_42	BOARD_ID1	GPIO_84	QUP_SPI_CS_N_15	GPIO_127
GPIO_1	QUP_SPI_MOSI_0	GPIO_43	BOARD_ID2	GPIO_85		GRFC_3
GPIO_2	QUP_SPI_SCLK_0	GPIO_44	BOARD_ID3	GPIO_86		GPIO_128
GPIO_3	QUP_SPI_CS_N_0	GPIO_45	QUP_UART_CTS_N_6	GPIO_87		GPIO_129
GPIO_4	RCM_MARKER2	GPIO_46	QUP_UART_RFR_N_6	GPIO_88		GPIO_131
GPIO_5	CAM_AVDD0_2P8_EN	GPIO_47	QUP_UART_TX_6	GPIO_89	FCAM_ID	QLINK_REQUEST
GPIO_6	QUP_I2C_SDA_9	GPIO_48	QUP_UART_RX_6	GPIO_90	RCM_MARKER1	GRFC_2
GPIO_7	QUP_I2C_SCL_9	GPIO_49	QUP_IR_VT_SW_EN	GPIO_91	FP_ID	GPIO_134
GPIO_8	QUP_SPI_CS1_N_0	GPIO_50	QUP_IR_VT_SW_SEL	GPIO_92	FP_RST	GPIO_135
GPIO_9	CAM2_RST_N	GPIO_51	QUP_UART_TX_12	GPIO_93	TS_IN	GRFC1
GPIO_10	MDP_VSYNC_P	GPIO_52	QUP_UART_RX_12	GPIO_94		GPIO_136
GPIO_11		GPIO_53	WMESS_RESET	GPIO_95	SSC_PWR_EN	GPIO_138
GPIO_12		GPIO_54	SMB_STAT	GPIO_96	SD_CARD_DET_N	GPIO_139
GPIO_13	CAM_MCLK0	GPIO_55	QUP_I2C_SDA_10	GPIO_97	RFFE6_CLK	GPIO_140
GPIO_14	CAM_MCLK1	GPIO_56	QUP_I2C_SCL_10	GPIO_98	RFFE6_DATA	GPIO_141
GPIO_15	CAM_MCLK2	GPIO_57	FORCED_USB_BOOT	GPIO_99	TS_RESET_N	GPIO_142
GPIO_16	MCM4_ID	GPIO_58		GPIO_100	CAM_AVDD1_2P8_EN	GPIO_143
GPIO_17	CCT_I2C_SDA0	GPIO_59		GPIO_101	NOOO_DISABLE	GPIO_144
GPIO_18	CCT_I2C_SCL0	GPIO_60		GPIO_102		MSS_LTE_COOM_RXD
GPIO_19	CCT_I2C_SDA1	GPIO_61		GPIO_103		RFFE4_CLK
GPIO_20	CCT_I2C_SCL1	GPIO_62		GPIO_104		RFFE4_DATA
GPIO_21		GPIO_63		GPIO_105	UIM2_DATA	GPIO_145
GPIO_22	FL_STROBE_TRIG	GPIO_64		GPIO_106	UIM2_CLK	GPIO_146
GPIO_23	CAM3_RST_N	GPIO_65	CDC_SWR_CLK	GPIO_107	UIM2_RESET	GPIO_147
GPIO_24	WSA_L_EN	GPIO_66	CDC_SWR_DATA	GPIO_108	UIM2_PRESENT	GPIO_148
GPIO_25	LCD_ID1	GPIO_67	WSA_SPKR_SD_N_1	GPIO_109	UIM1_DATA	GPIO_149
GPIO_26		GPIO_68		GPIO_110	UIM1_CLK	
GPIO_27	CAM_VCM0_2P8_EN	GPIO_69		GPIO_111	UIM1_RESET	
GPIO_28	CAM1_RST_N	GPIO_70		GPIO_112	UIM1_PRESENT	
GPIO_29	CAM_DVDD0_1P8_EN	GPIO_71		GPIO_113	UIM_BATT_ALARM	
GPIO_30	CAMO_RST_N	GPIO_72		GPIO_115	GRFC_9	
GPIO_31		GPIO_73		GPIO_116		
GPIO_32		GPIO_74		GPIO_117	ACCL_GYRO_DRDY_INT	
GPIO_33		GPIO_75	LCD0_RESET_N	GPIO_118	ACCL_GYRO_EVENT_INT	
GPIO_34		GPIO_76	CAM_AVDD_IR_2P8_EN	GPIO_119	HNG_INT_N	
GPIO_35		GPIO_77	CAM_AVDD_Front_2P8_EN	GPIO_120	ALSP_INT_N	
GPIO_36		GPIO_78	SCAM_ID	GPIO_121	FP_INT_N1	
GPIO_37		GPIO_79	WSA_SPKR_INT	GPIO_122	HOMKEY_FP_INT	
GPIO_38	USB_PHY_P8	GPIO_80	WSA_SPKR_L_INT	GPIO_123		
GPIO_39	PWM_CNTRL	GPIO_81	QUP_SPI_MISO_15	GPIO_124	HALL_INT_N	
GPIO_40		GPIO_82	QUP_SPI_MOSI_15	GPIO_125	TS_INT_N	
GPIO_41	BOARD_ID0	GPIO_83	QUP_SPI_SCLK_15	GPIO_126	ICAM_ID	

SSC_0	SSC_I2C_1_SDA	SSC_16
SSC_1	SSC_I2C_1_SCL	SSC_17
SSC_2	SSC_SPI1_MISO	SSC_18
SSC_3	SSC_SPI1_MOSI	SSC_19
SSC_4	SSC_SPI1_SCLK	SSC_20
SSC_5	SSC_SPI1_CS0_N	SSC_21
SSC_6		SSC_22
SSC_7		SSC_23
SSC_8	SSC_SPI2_MISO	SSC_24
SSC_9	SSC_SPI2_MOSI	SSC_25
SSC_10	SSC_SPI2_SCLK	SSC_26
SSC_11	SSC_SPI2_CS_N	SSC_27
SSC_12	SSC_UART1_RX	SSC_28
SSC_13	SSC_UART1_RX	SSC_29
SSC_14	SSC_UART2_RX	SSC_30
SSC_15	SSC_UART2_RX	SSC_31

PM670

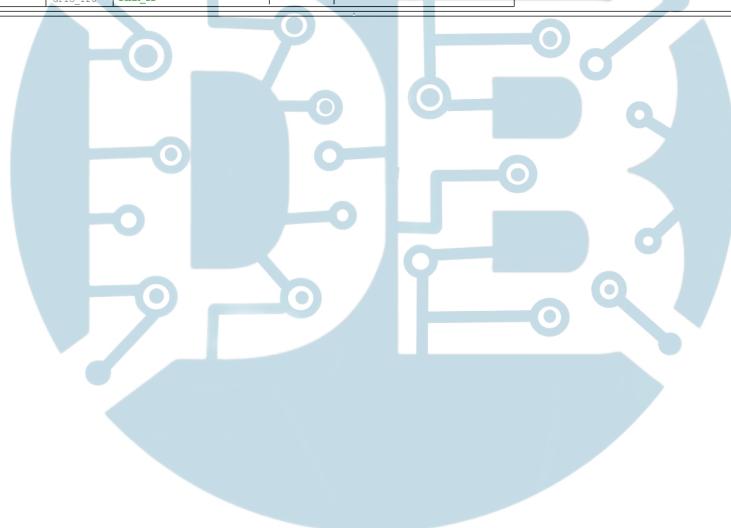
GPIO_0	LP4X_REG_SRC_EN	GPIO_8	SLB
GPIO_2		GPIO_9	USB_TYPEC
GPIO_3	DIV_CLK1	GPIO_10	WCSS_VCTRL
GPIO_4		GPIO_11	EUD
GPIO_5	WLAN_SW_CTRL	GPIO_12	
GPIO_6	SLP_CLK	GPIO_13	
GPIO_7	UIM_BATT_ALARM		

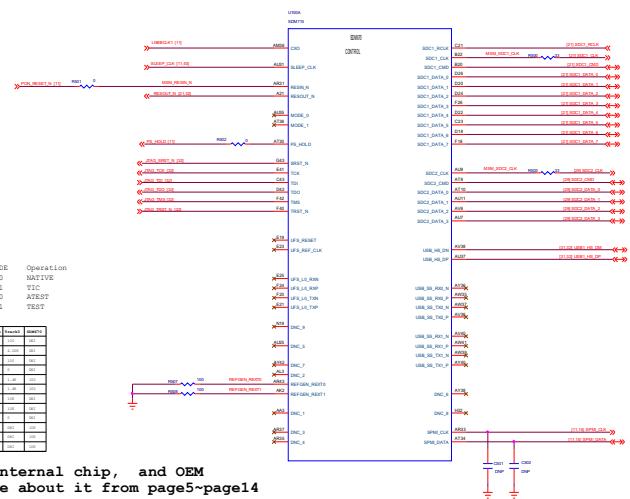
PM670A

GPIO_1	LV_LDO_VSEL	GPIO_7	KEY_VOL_UP_N
GPIO_2	SSC_PWR_EN	GPIO_8	EUD
GPIO_3	CAM_DVDD1_1P2_EN	GPIO_9	WCSS_VCTRL
GPIO_4	CAM_DVDD1_1P2_EN	GPIO_10	SLB
GPIO_5	FF_VDD_EN	GPIO_11	LV_LDO_EN
GPIO_6	IR_CAM_DVDD_EN	GPIO_12	LP4X_REG_MODE

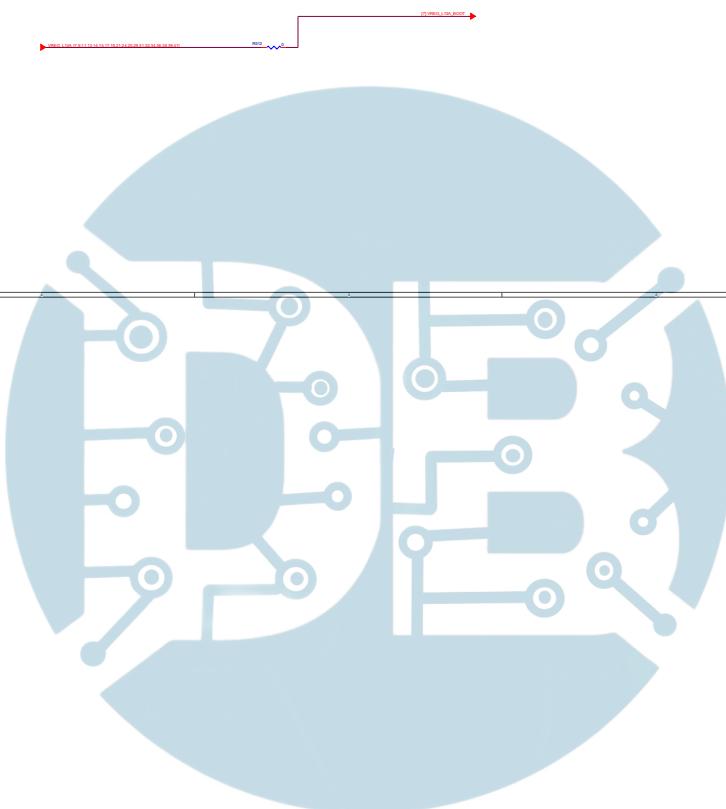
GPIO MAP

ONTRIM Technologies Ltd. Rev 01
Date: 2023-01-10
Product: SDM670A
File: SDM670A_GpioMap.pdf
Page: 1 / 1



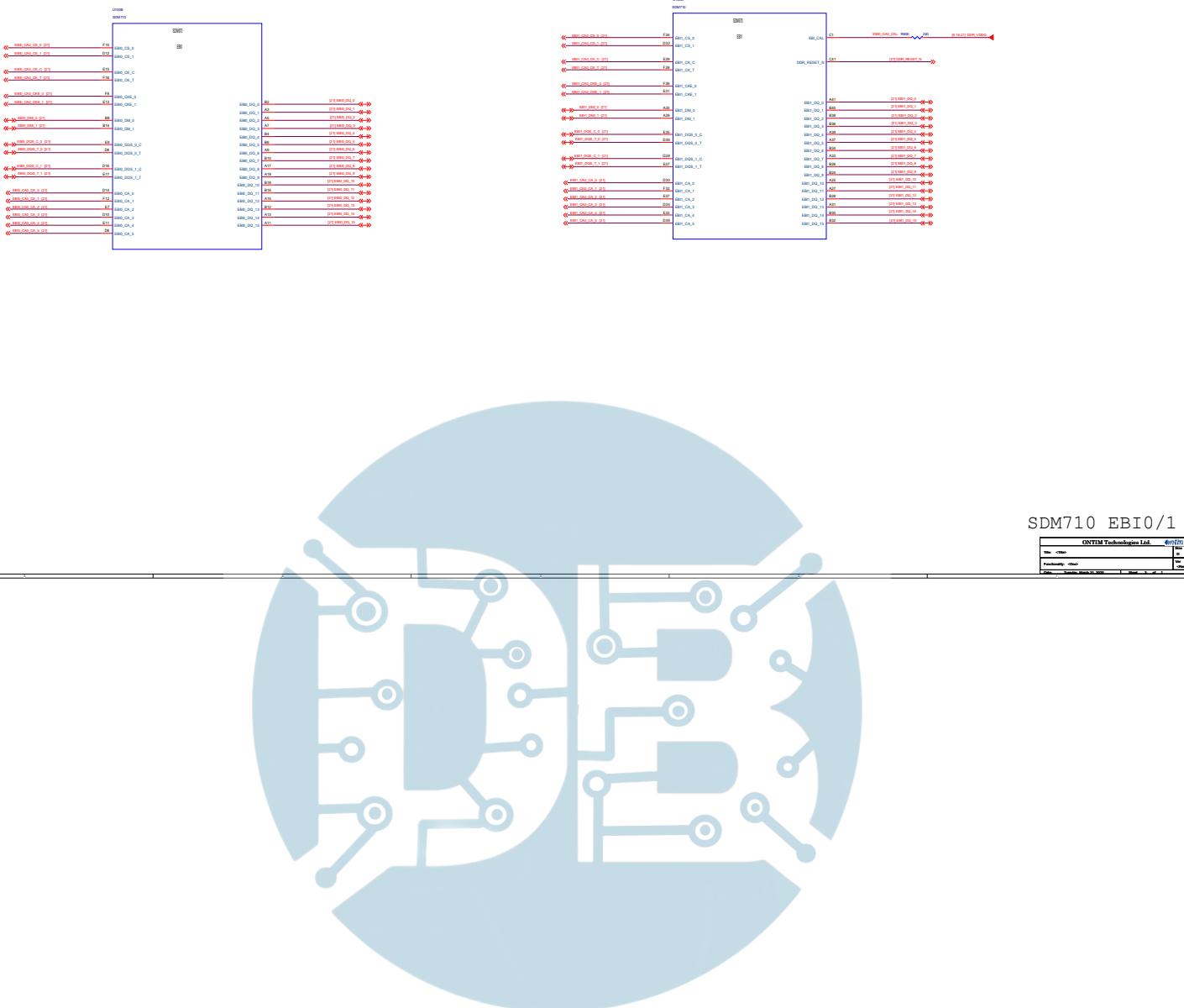


Note: Track3 is internal chip, and OEM
don't need to care about it from page5~page14



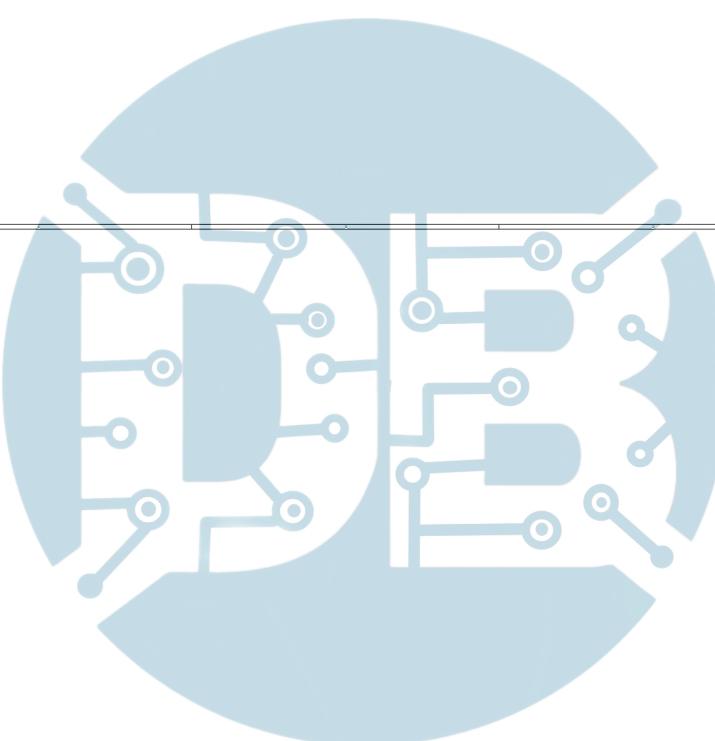
SDM710 CONTROL

ONTIM Technologies Ltd. 
 Tel: +91-98800 00000 | Email: sales@ontimsoft.com | Web: www.ontimsoft.com

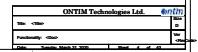


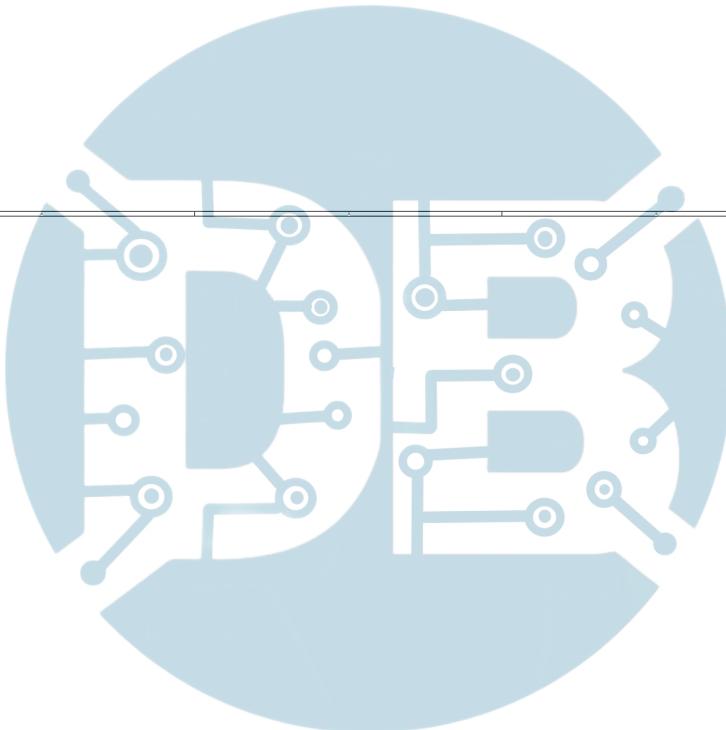
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SDM710 RESERVED

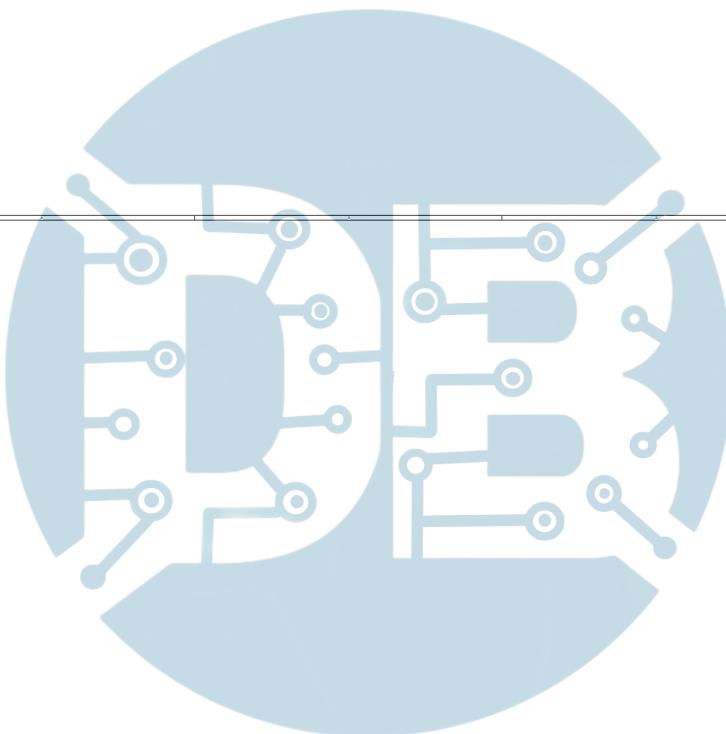


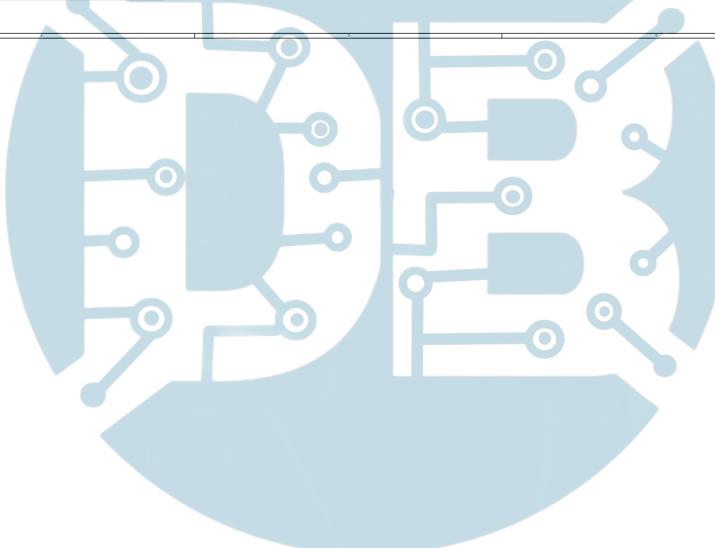
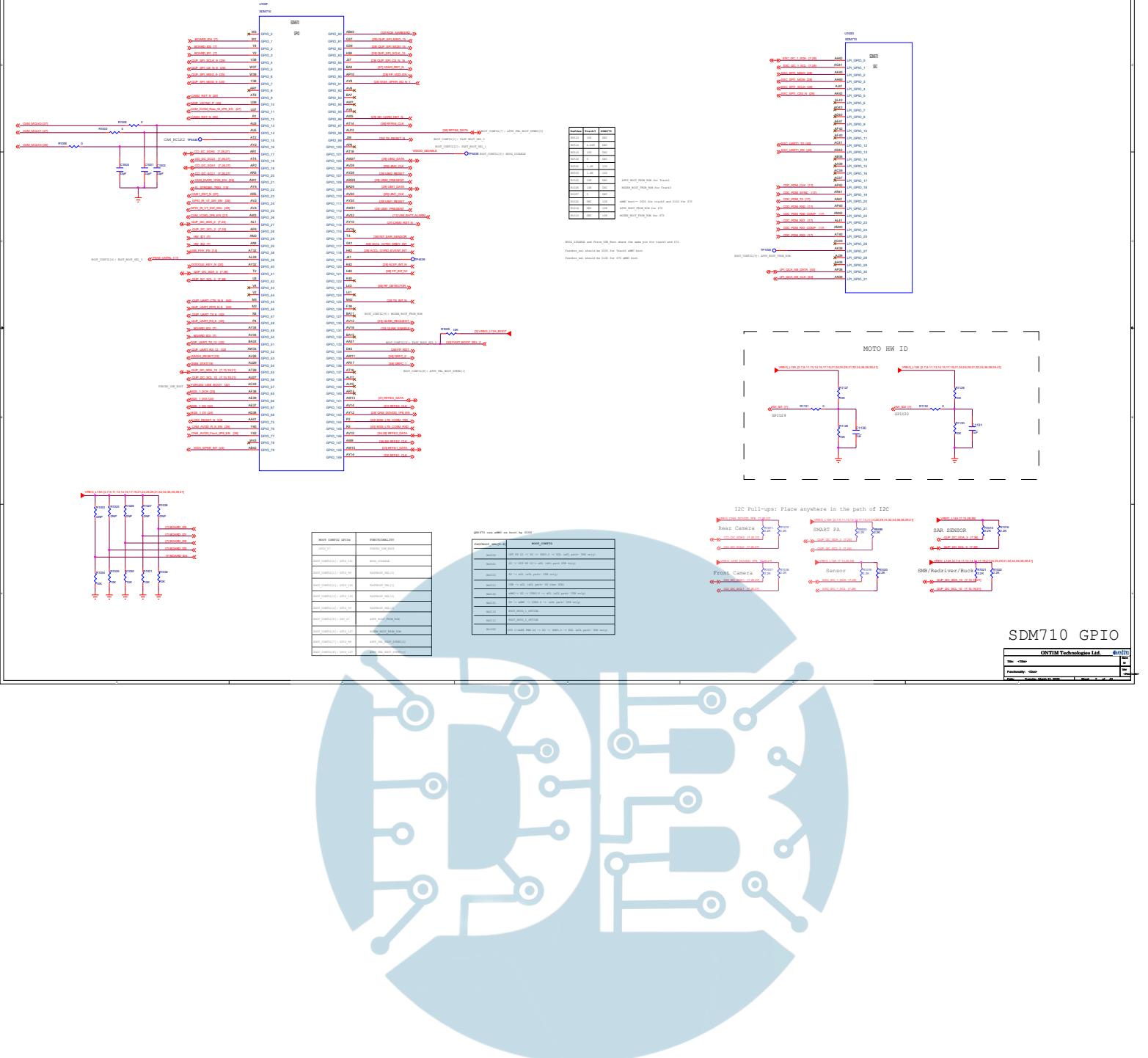


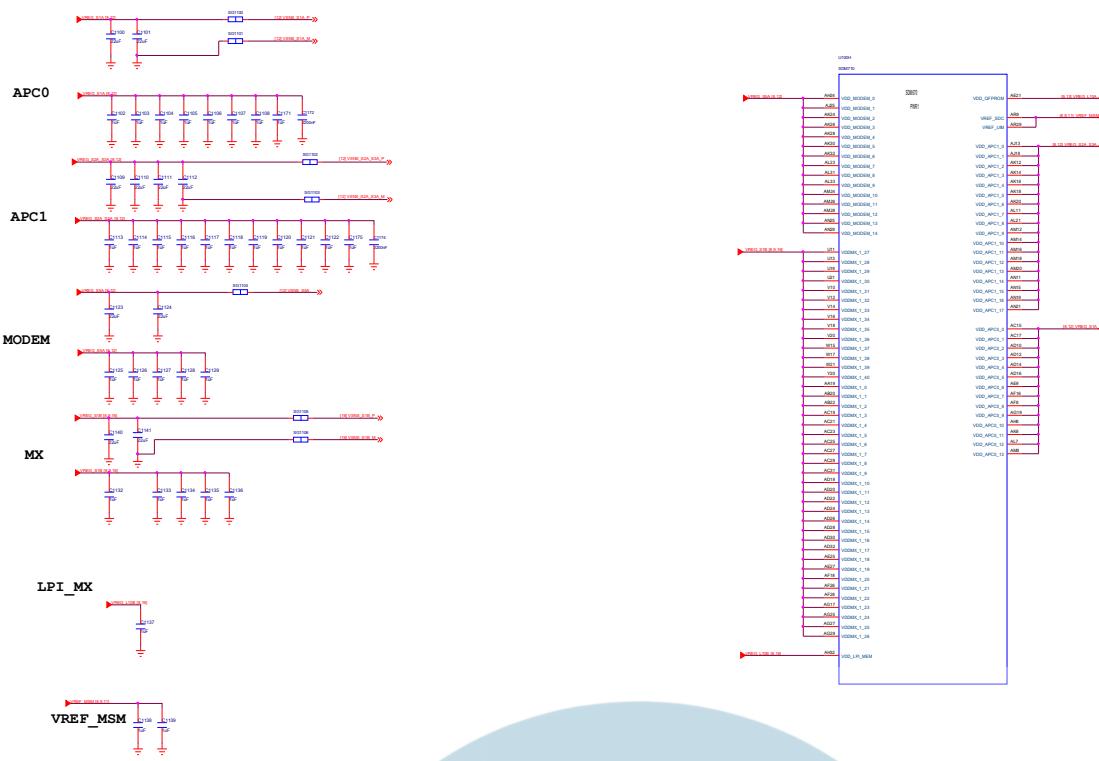


SDM710 WLAN/QLINK

ONTIM Technologies Ltd. Rev1.0
Date: 08/08/2012
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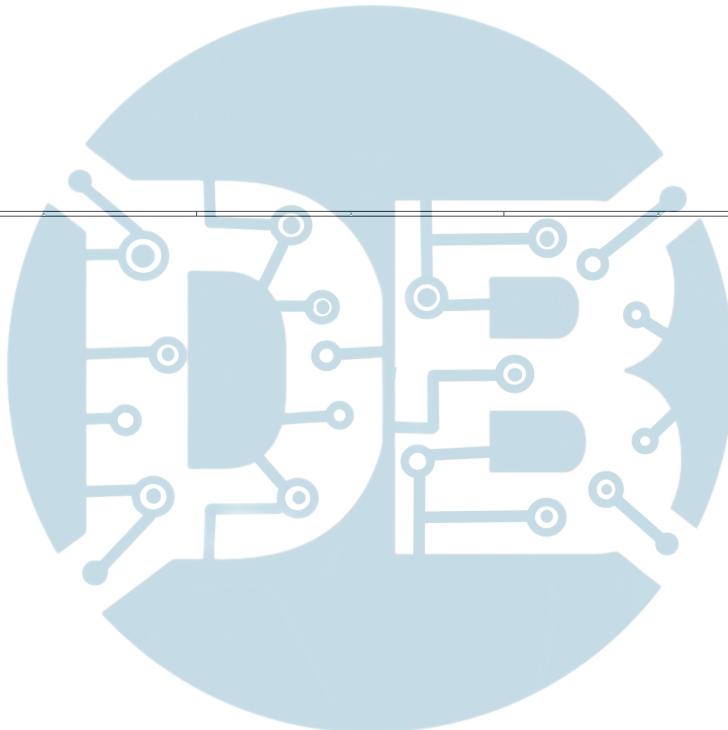


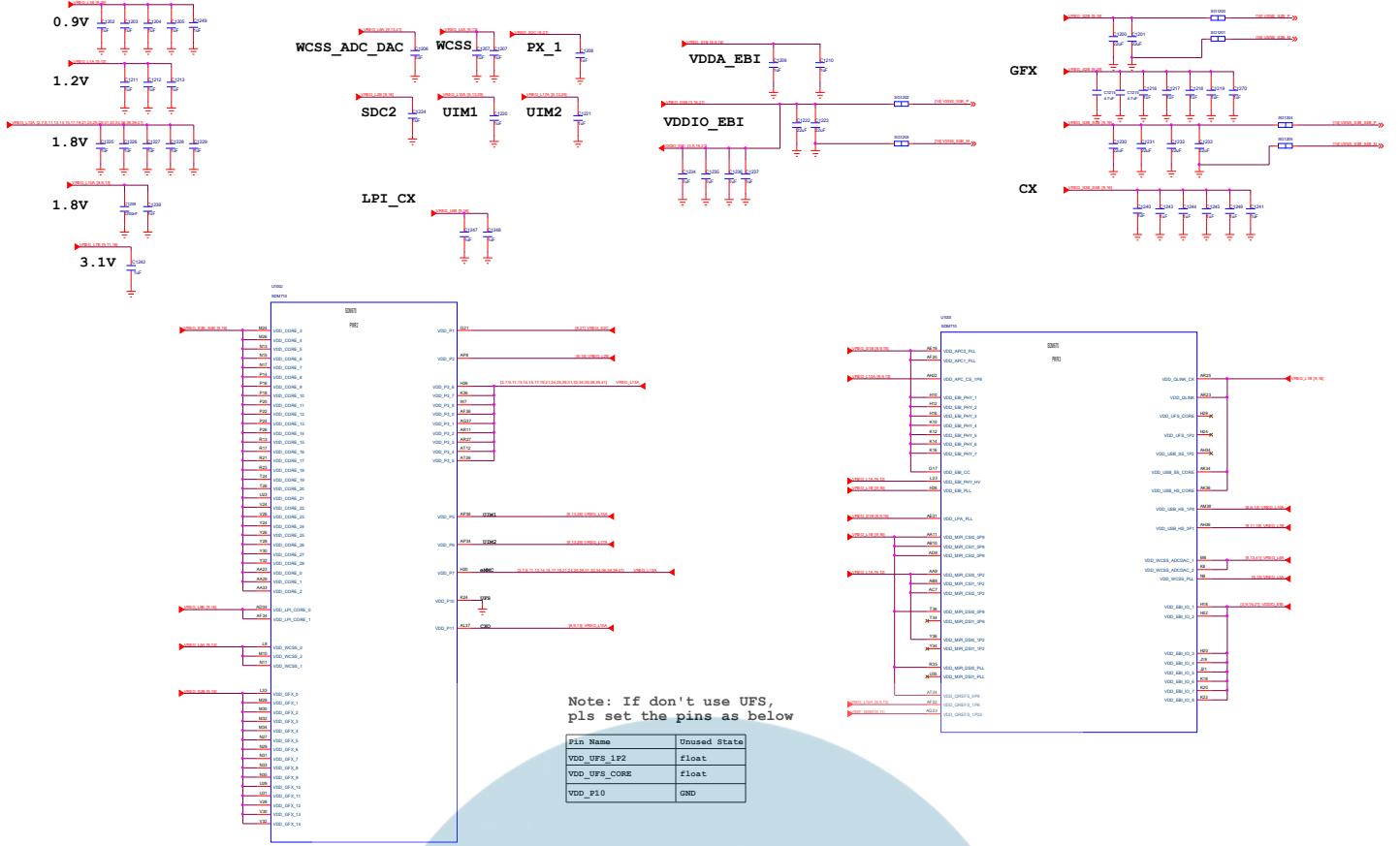




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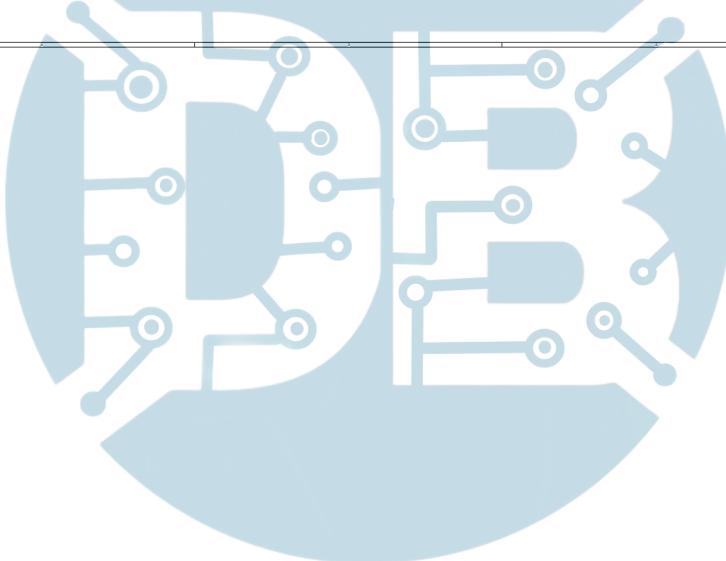
ON Semiconductor LLC

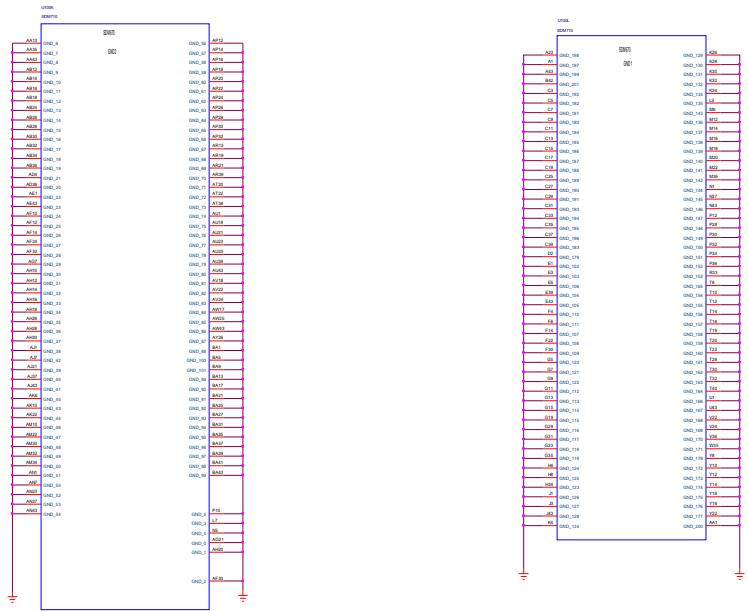




SDM710 Power (other)

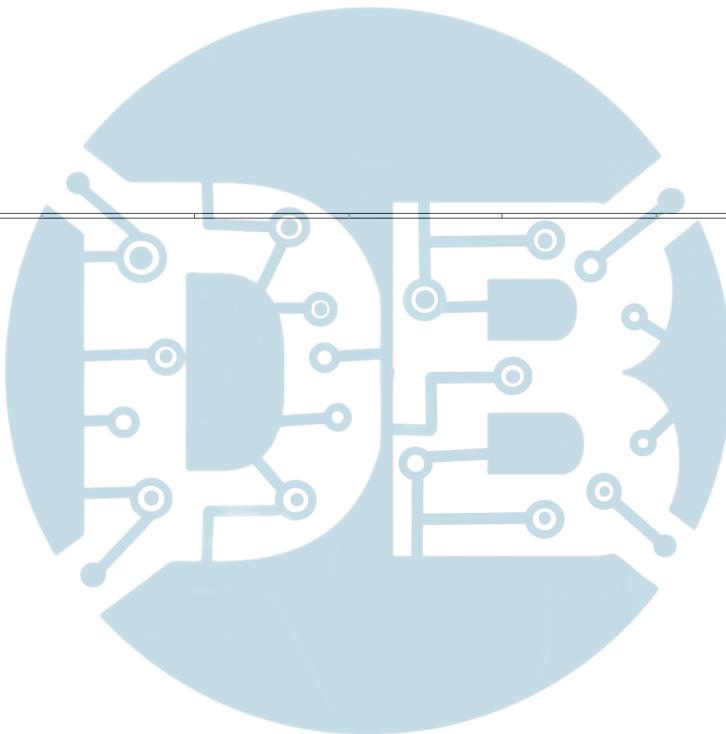
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Page: 1 of 1

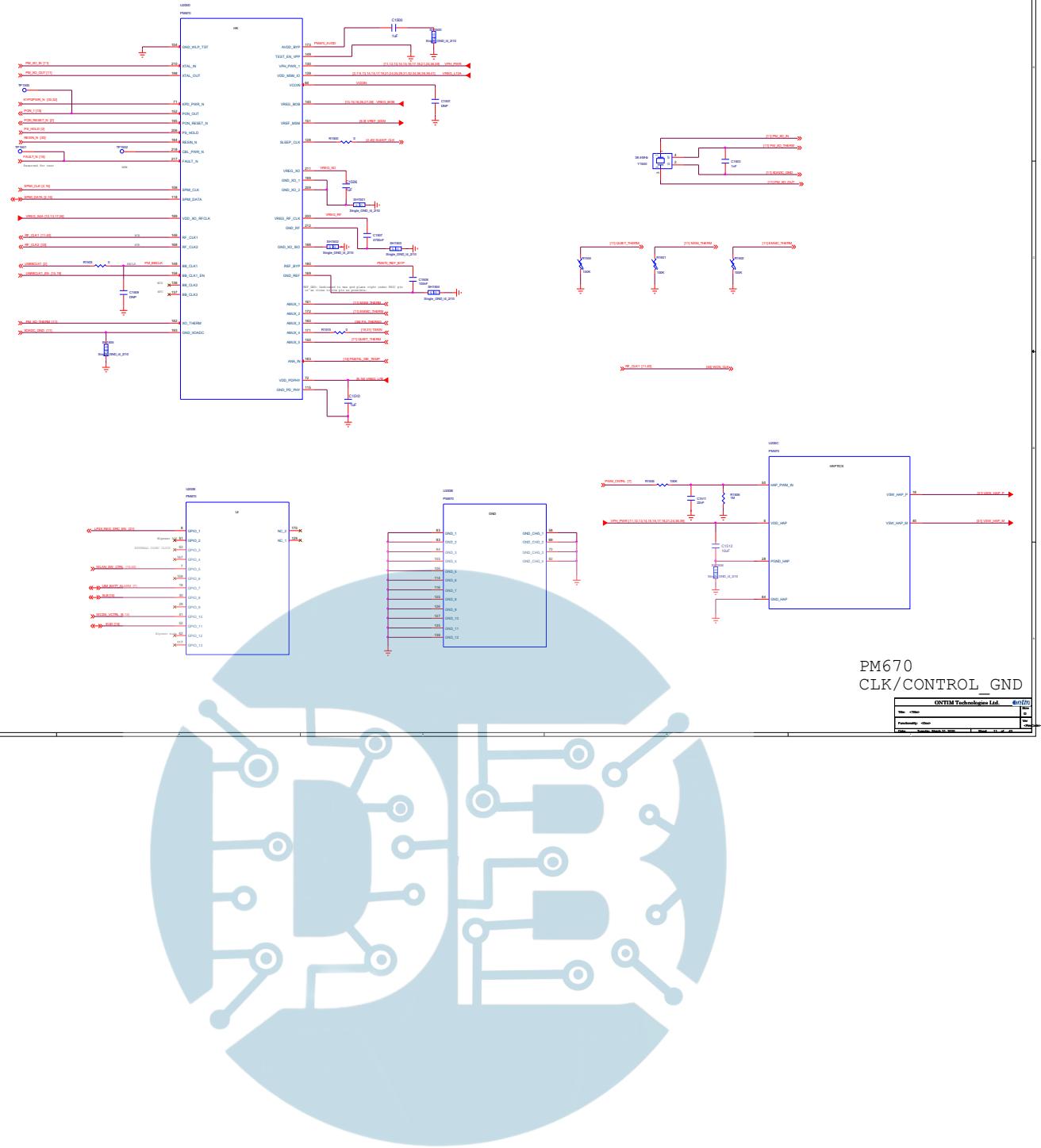


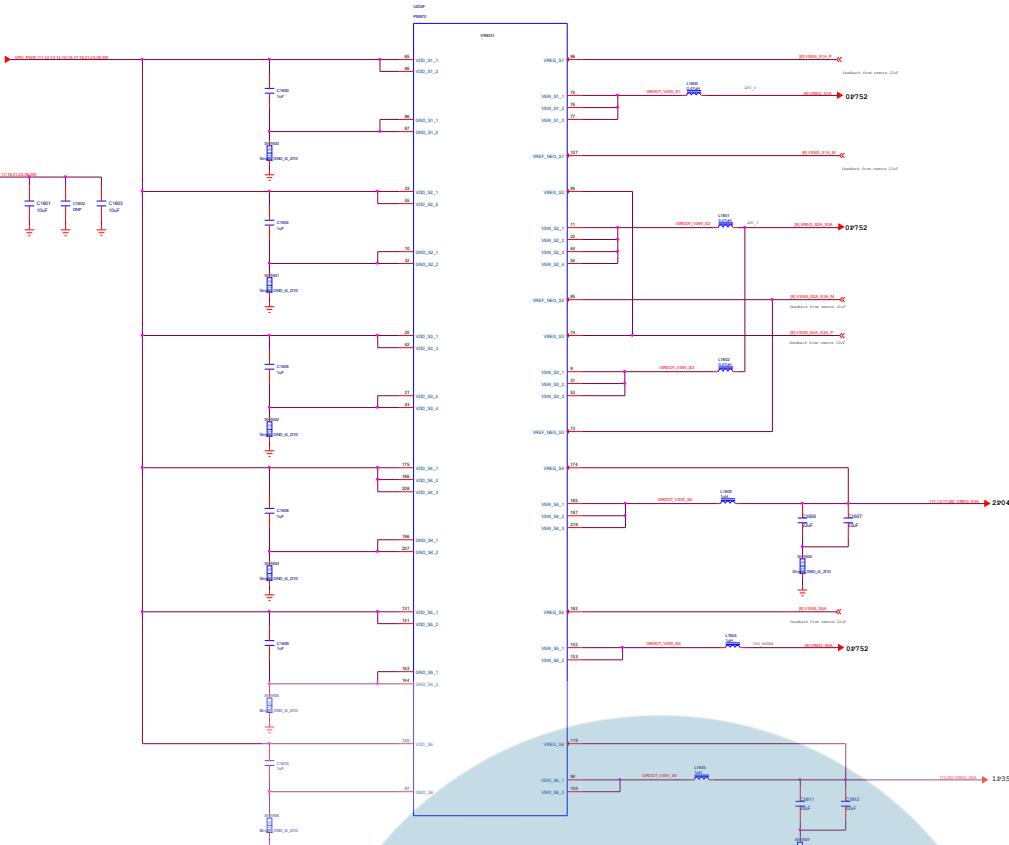


SDM710 GROUND

ONTIM Technologies Ltd. Rev1.0
Date: 08/08/2008
Part Number: SDM710
Page: 10 of 10

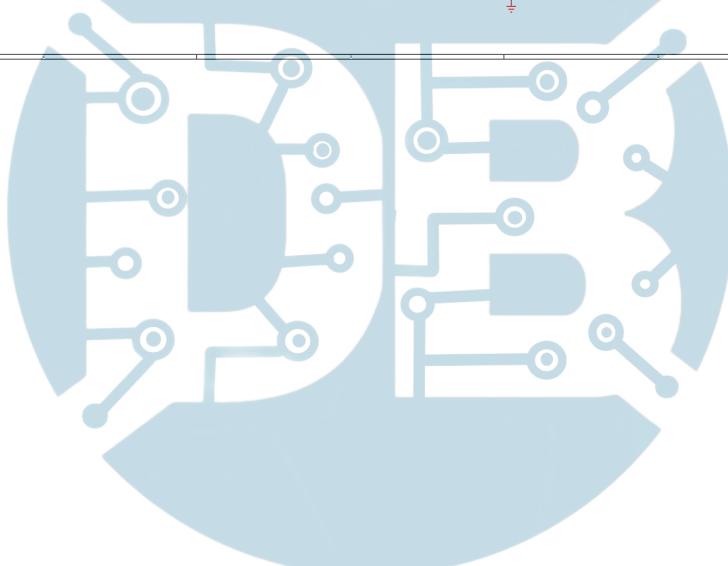


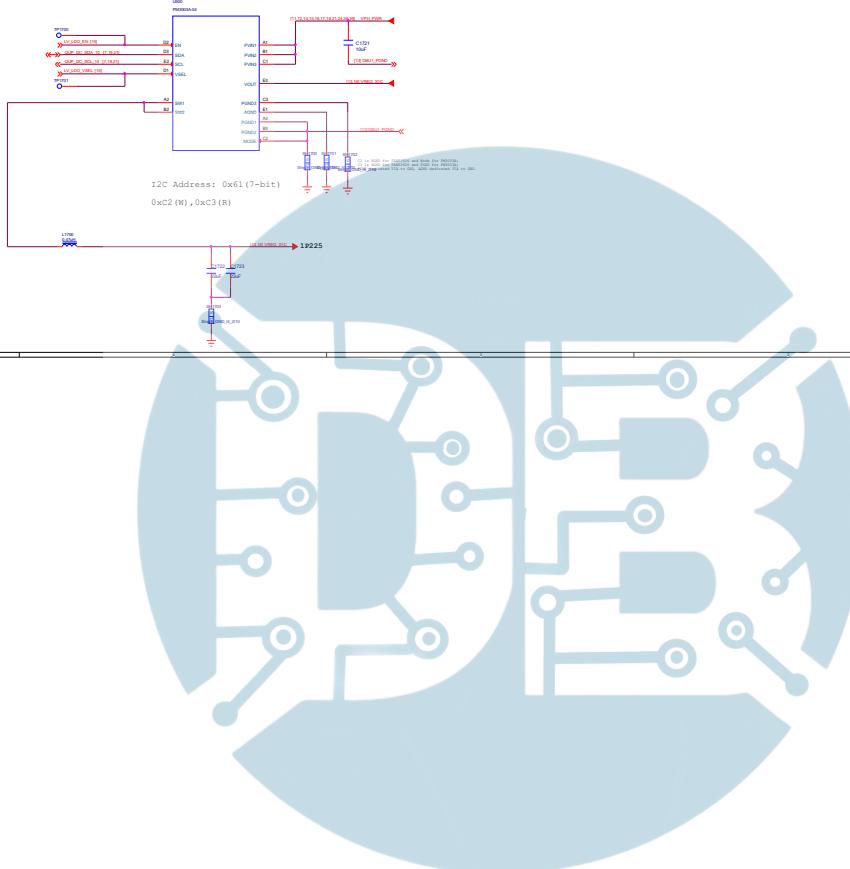
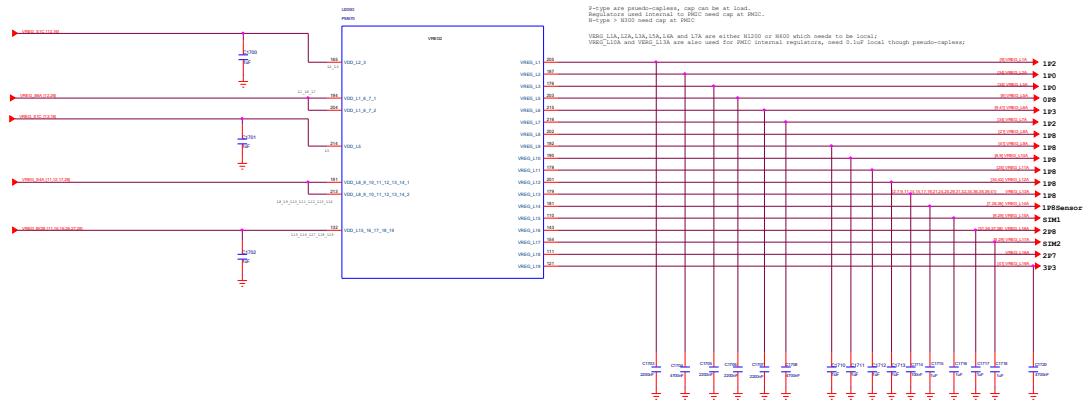




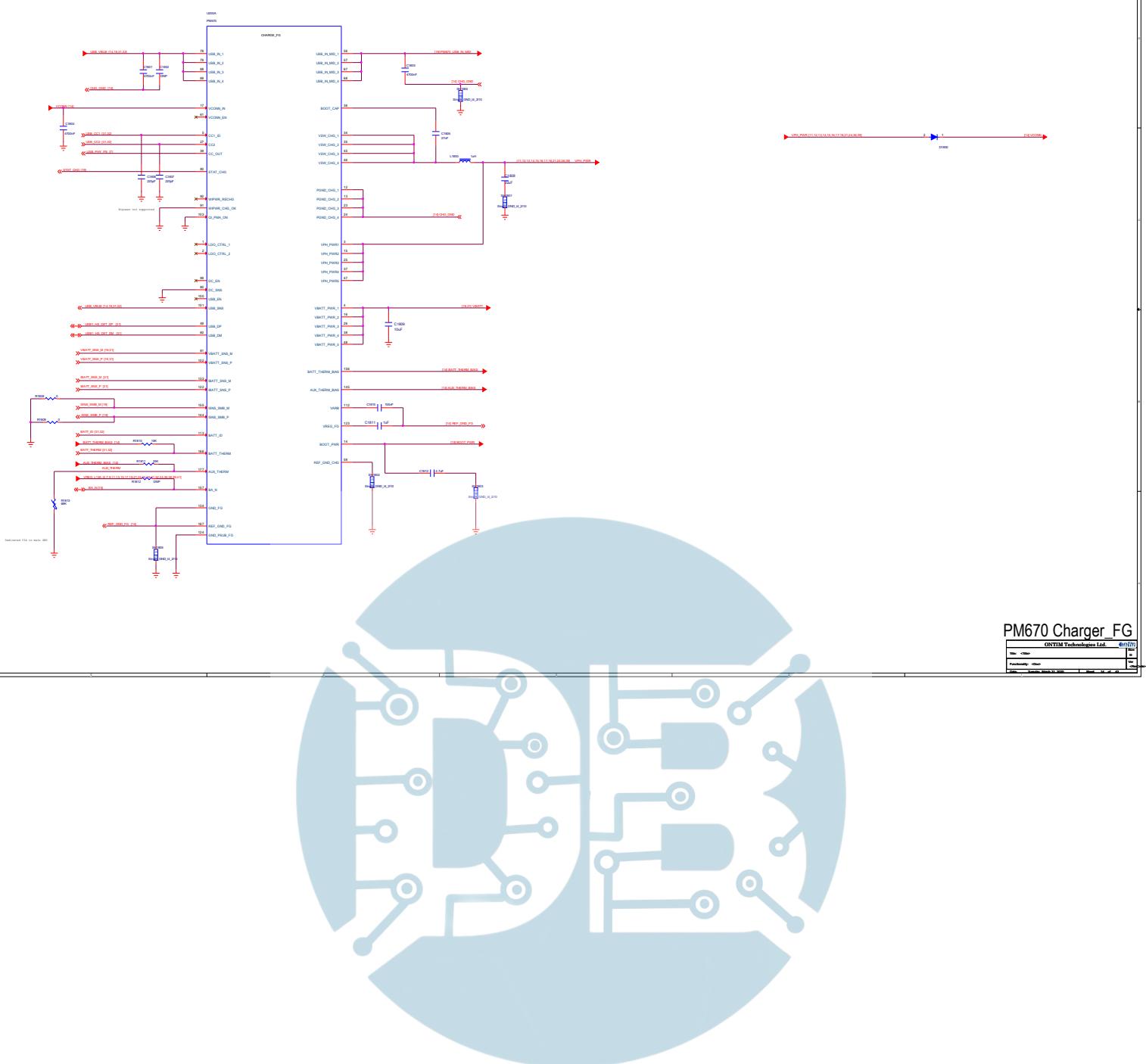
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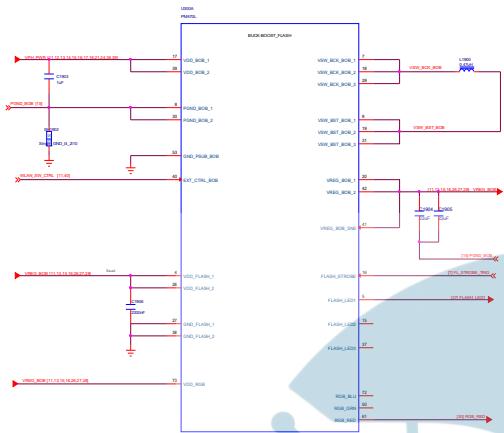
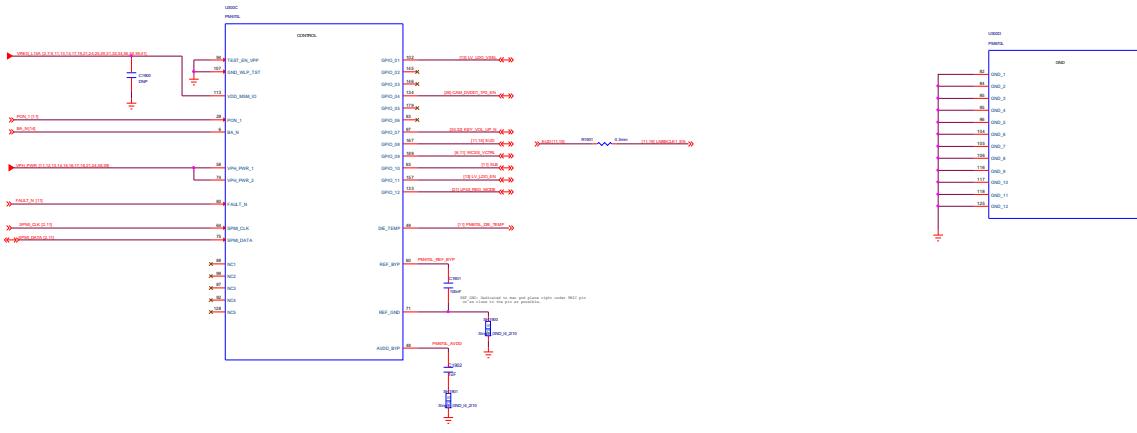
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Date: 08/08/2018 Page: 1 of 1





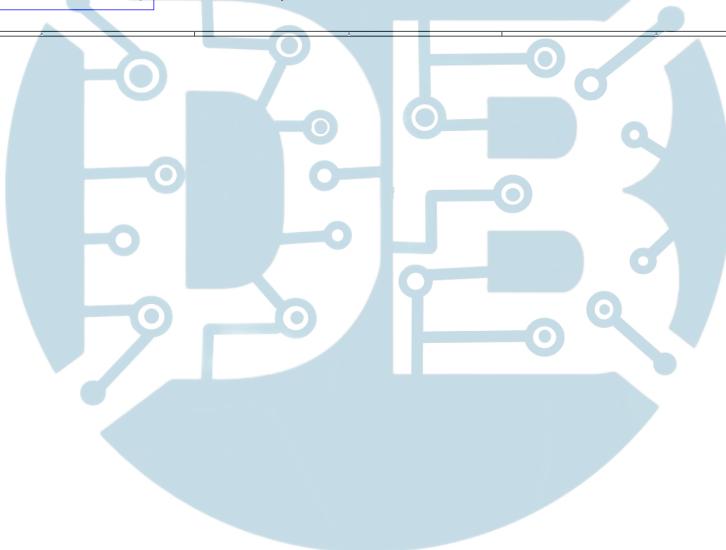
PM670 LDO
Circuits-DP

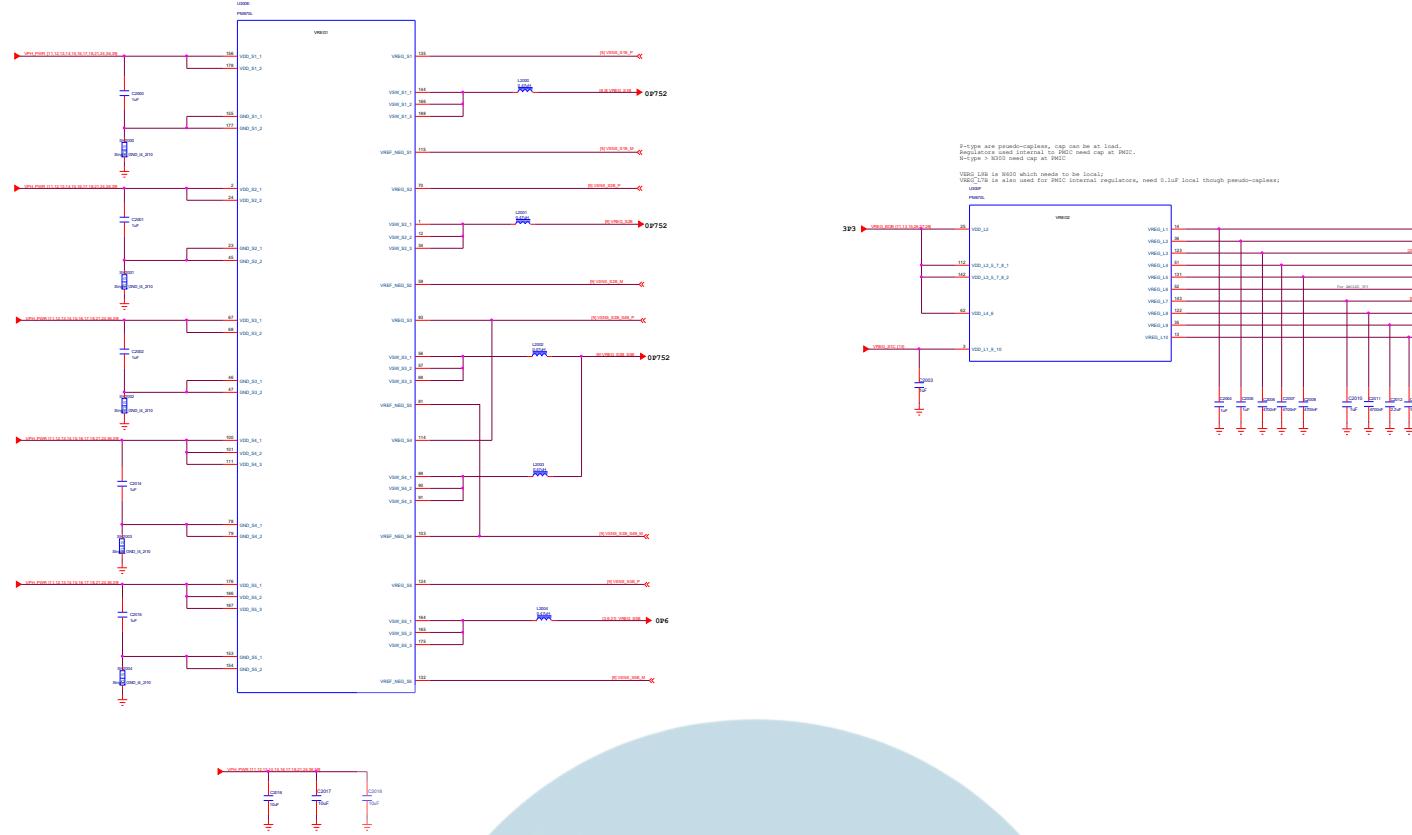




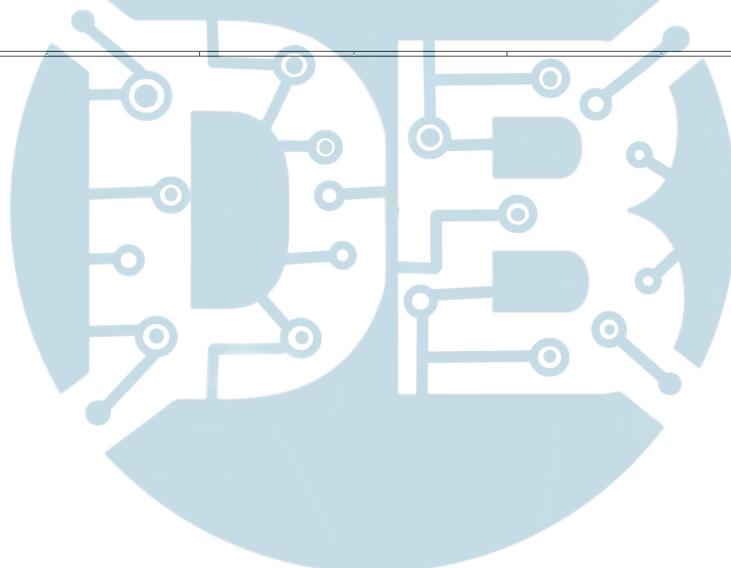
PM670L Control and Bob_Flash

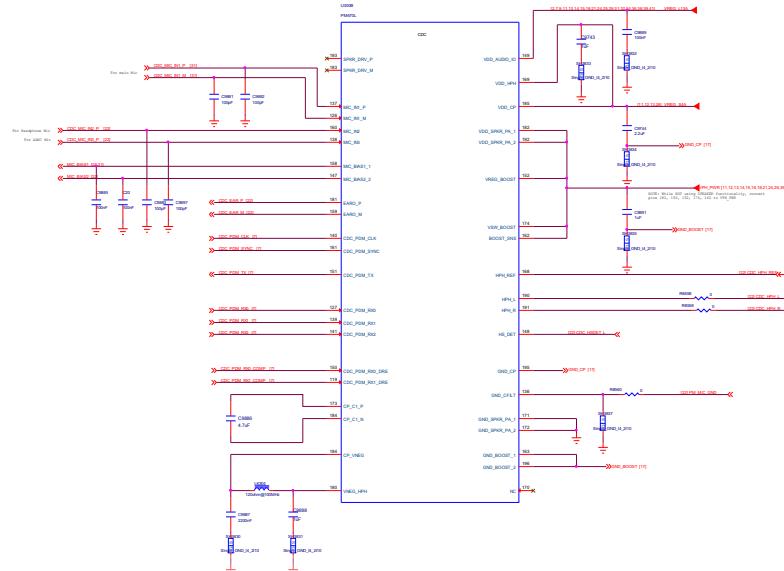
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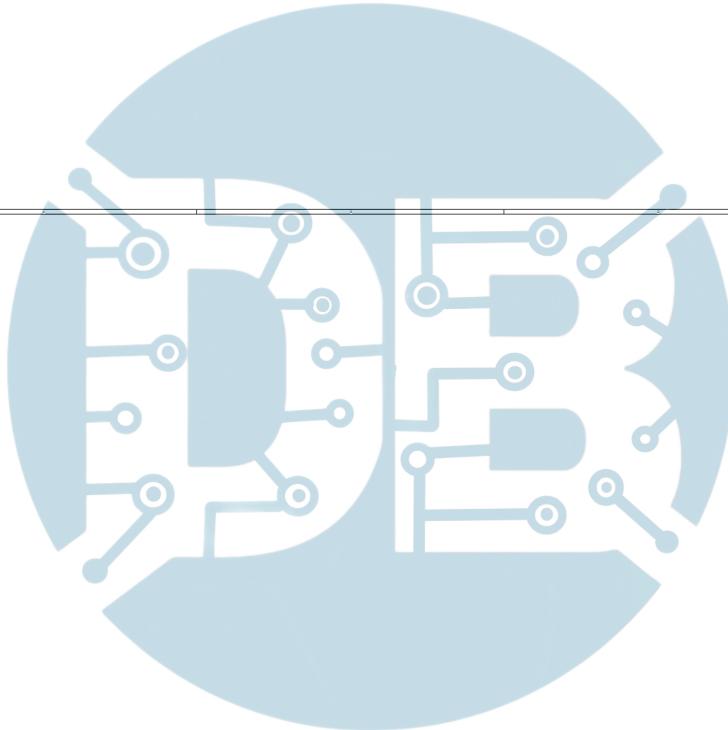


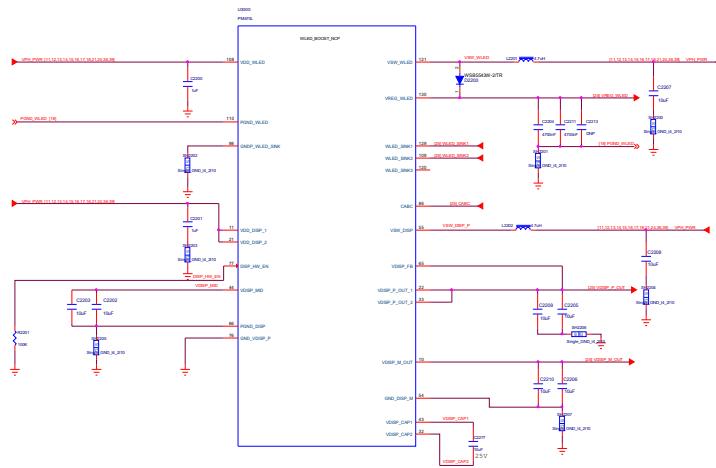
PM670L Buck and LDO





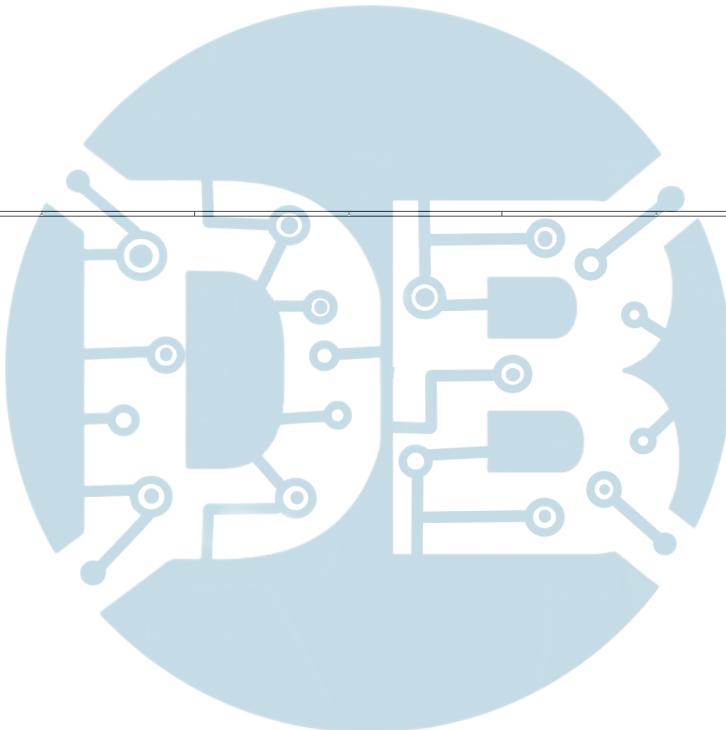
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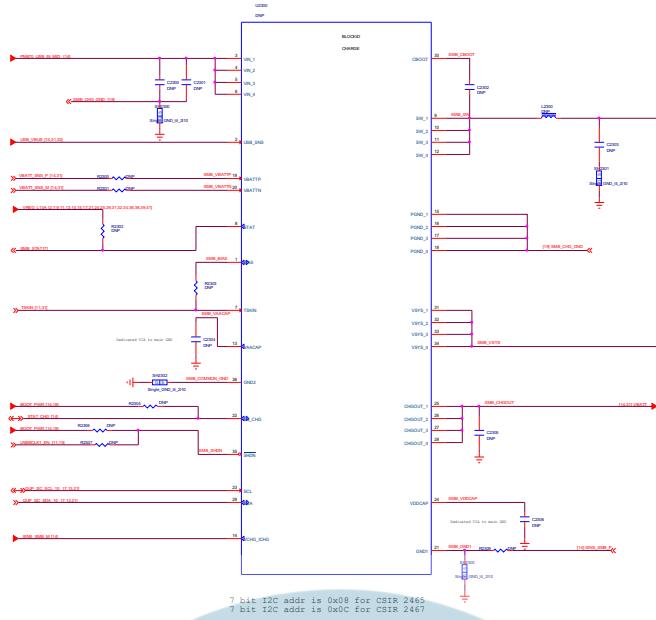




PM670L Display (LCD)

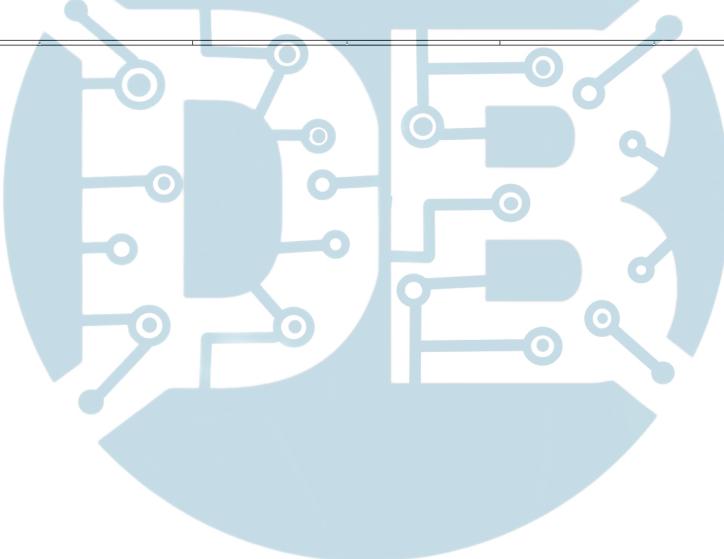
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 Date: Tuesday, March 21, 2000 Sheet: 10 of 43

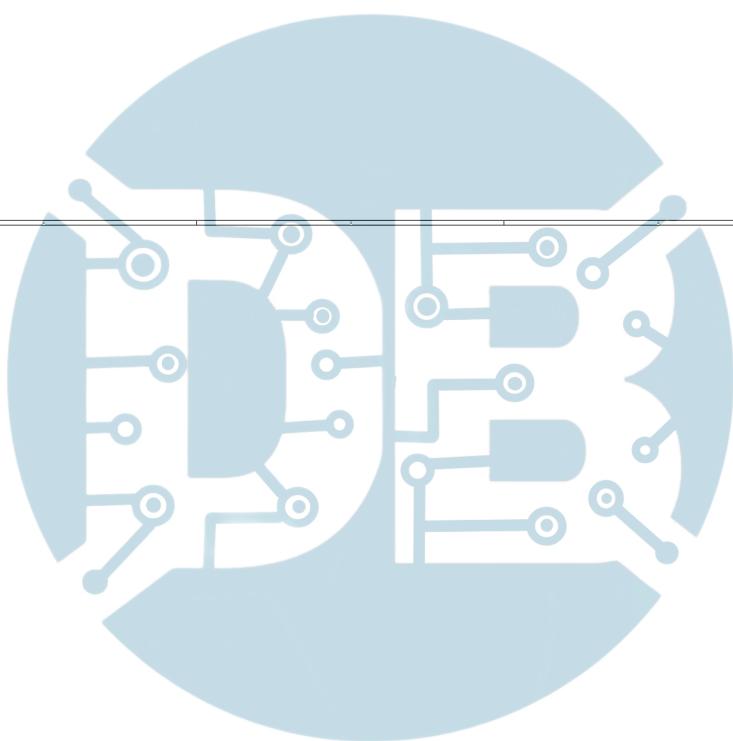




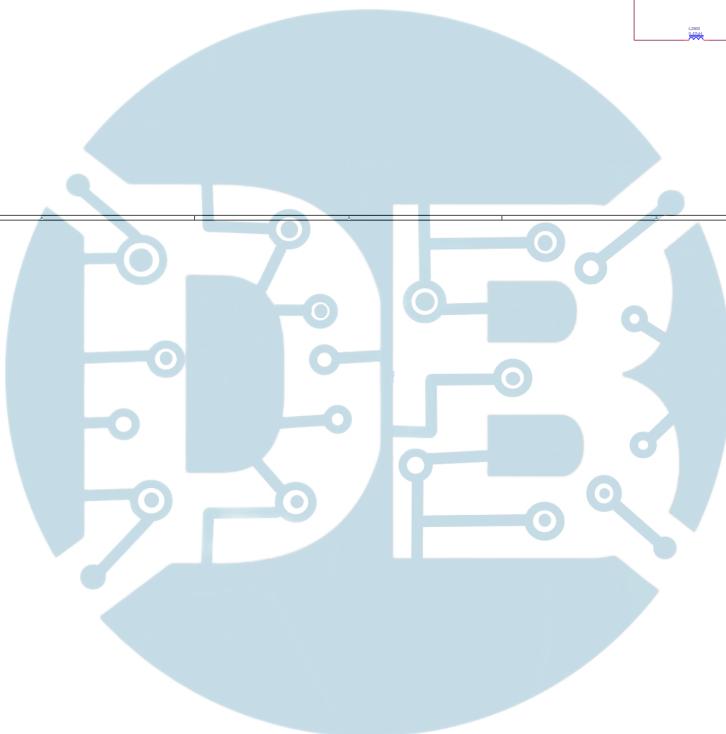
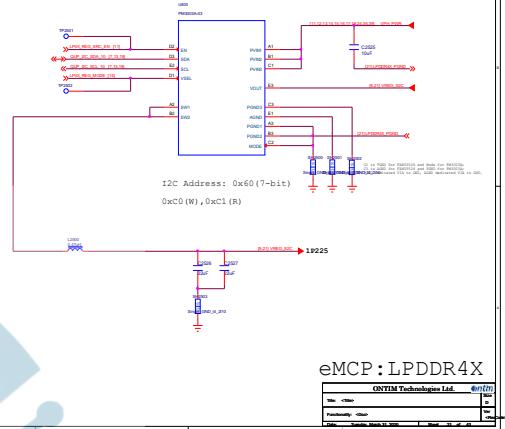
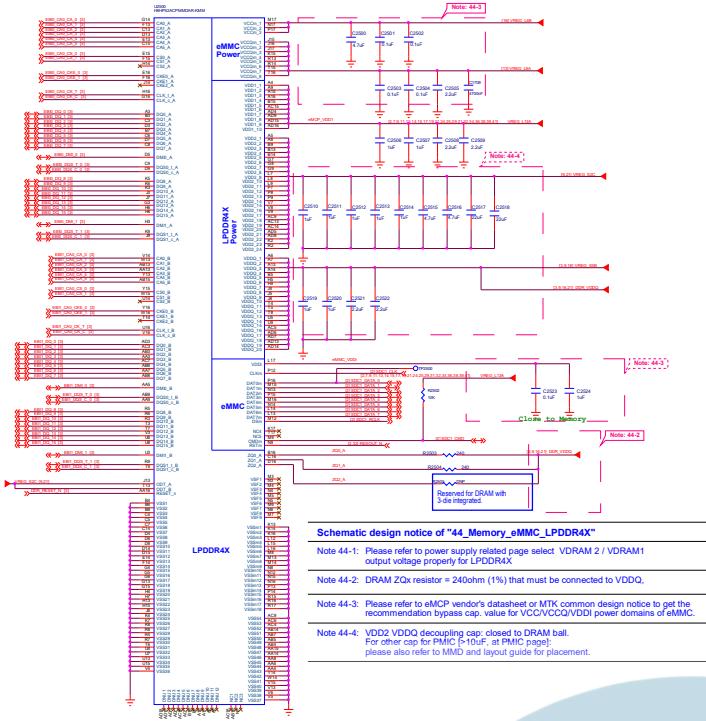
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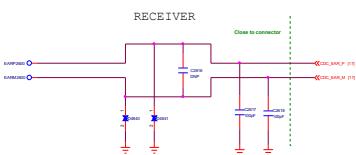
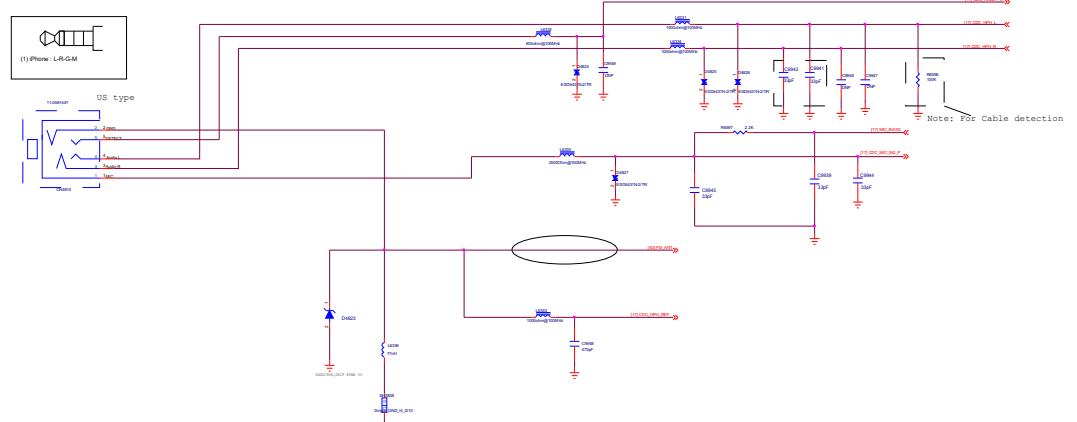
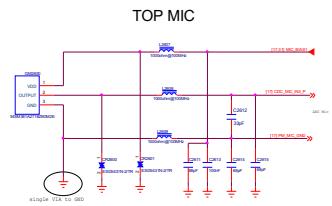
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Page: 1 of 1
Date: 2023-01-10
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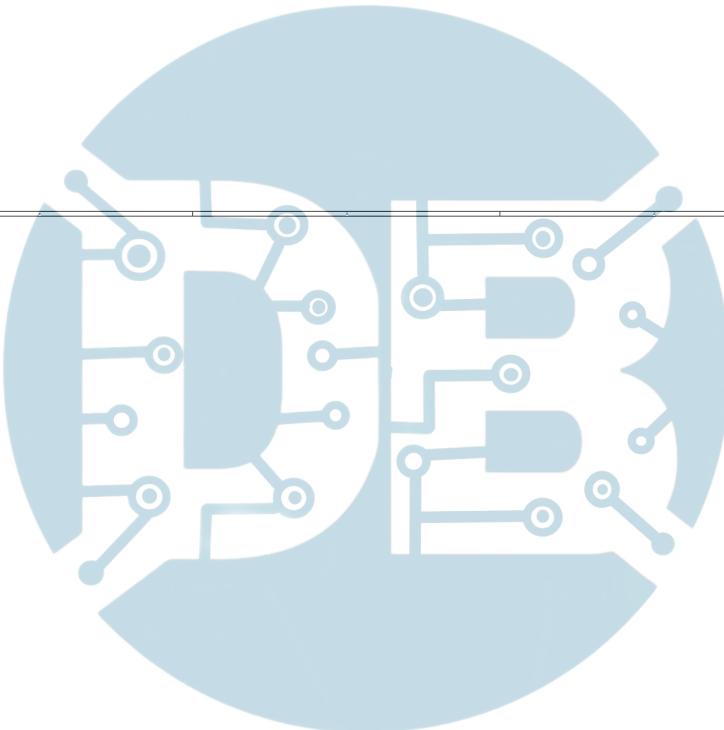
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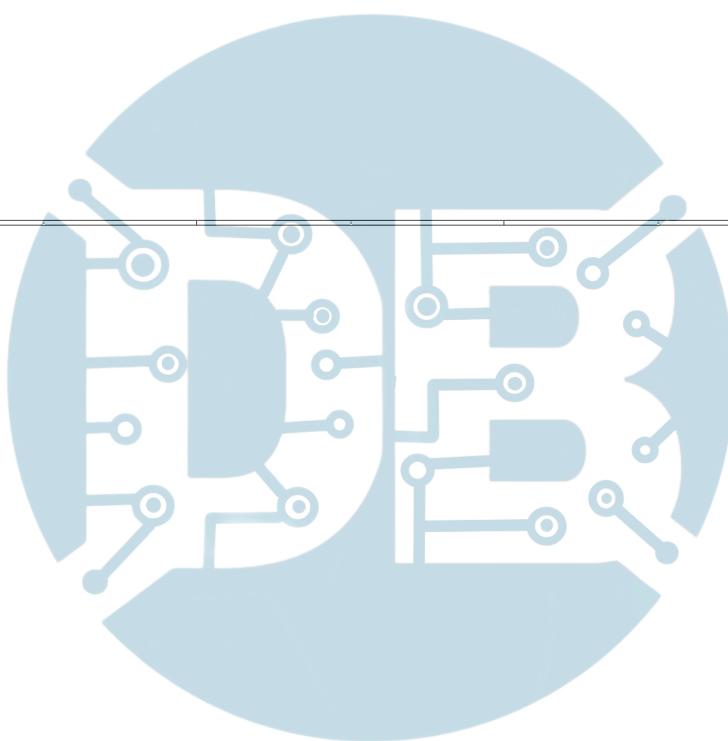


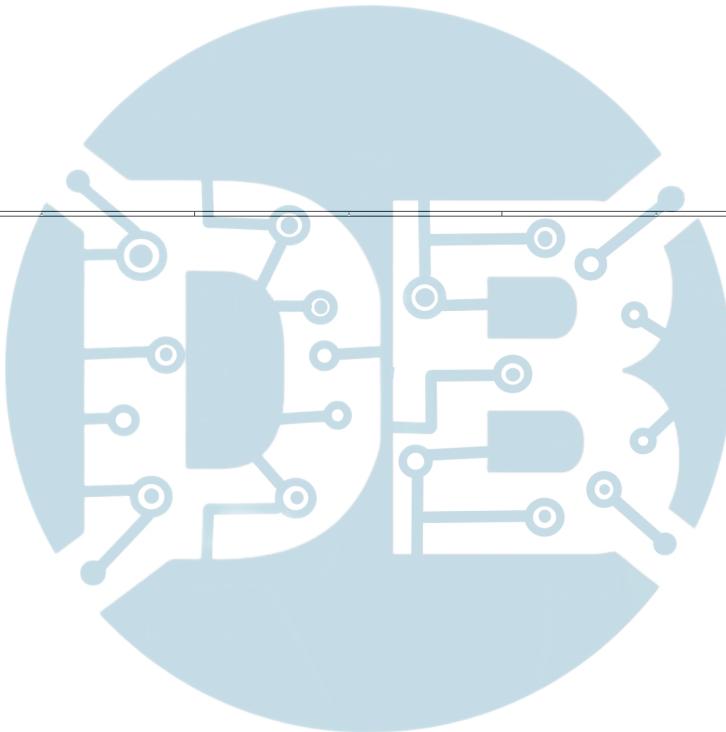
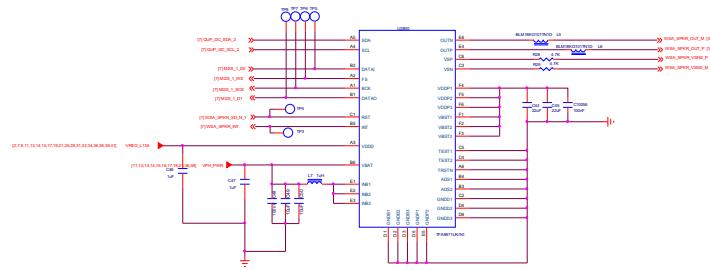
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parts (H Board)

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File: 00000000000000000000000000000000	Ver: 00000000000000000000000000000000
Product: 00000000000000000000000000000000	Rev: 00000000000000000000000000000000



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ONTIME Technologies Ltd. 06/12/07
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Product: Other
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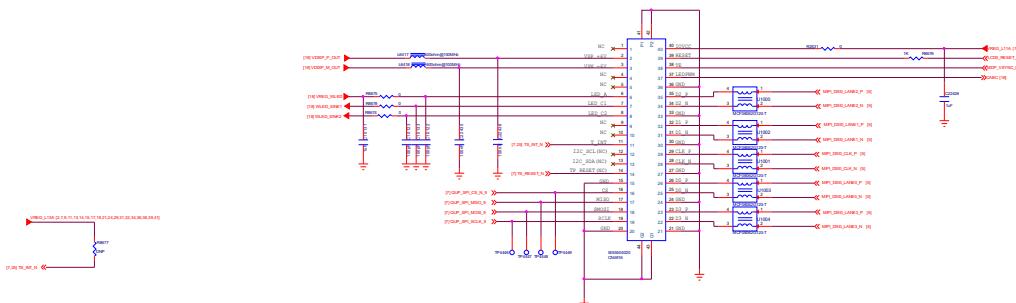




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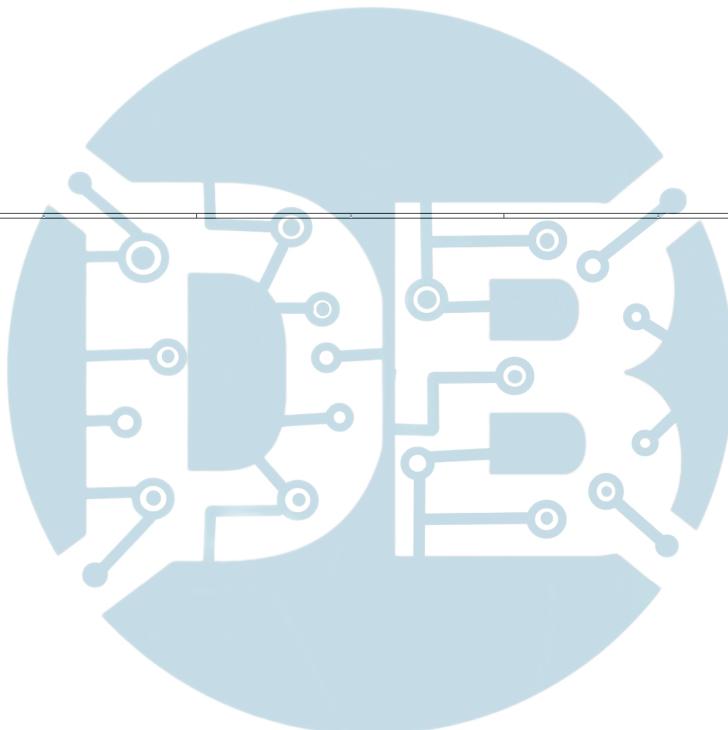
ONTIM Technologies Ltd.
 Tel: <Redacted> Web: www.ontim.com
 Facsimile: <Redacted> E-mail: info@ontim.com
 Date: Tuesday, March 22, 2005 Page: 36 of 43

LCM Connector

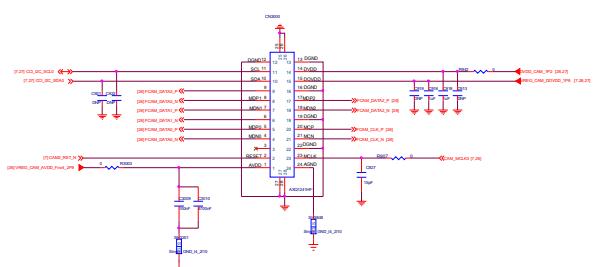


LCD DISPLAY

ONTIM Technologies Ltd. Rev1.0
Date: 08/08/2010
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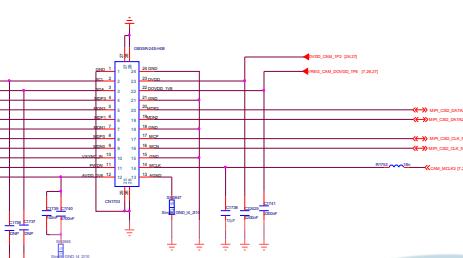


Front Cofront Camera 8MP
I2C address:0x20(W),0x21(R)

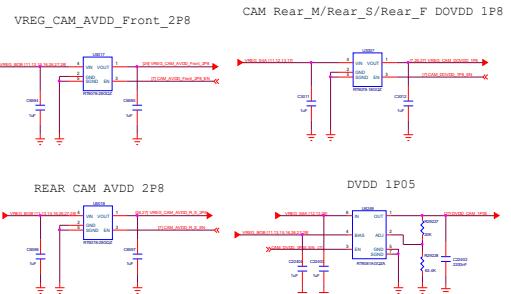


CAD note: Ensure the DGND to main-GND directly and robustly

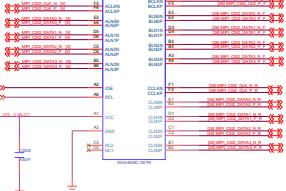
Rear Camera 8M FF(WIDE)
I2C address:0x5A(W),0x5B(R)



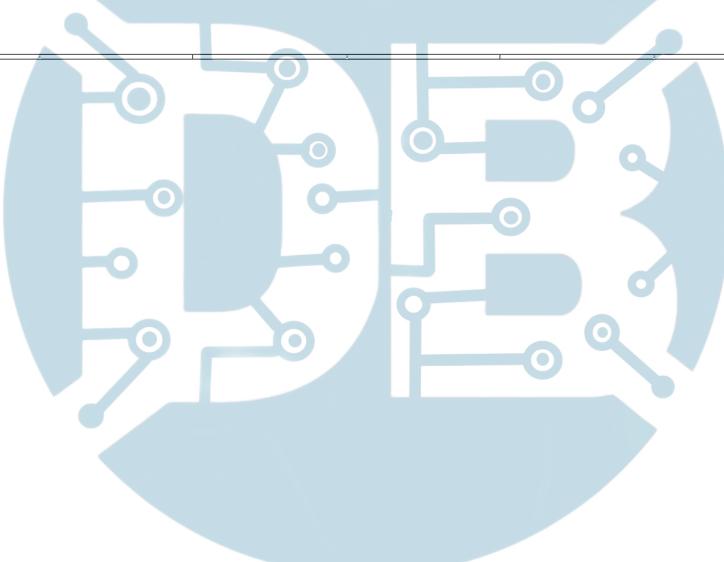
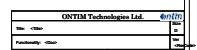
CAD note: Ensure the DGND to main-GND directly and robustly



DVDD 1P2

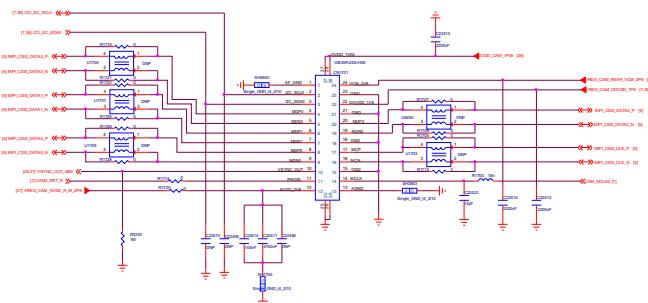


FRONT CAMERA and LDOs



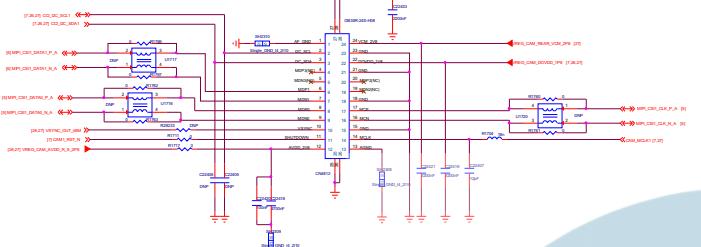
Main Camera 48M
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I2C driver IC 0x18(W),0x19(R)
I2C EEPROM 0xB0(W),0xB1(R)

Rear-Slave-FF Camera 2M(Depth)
I2C address:0x7A(W),0x7B(R)
I2C EEPROM 0xA0(W),0xA1(R)



CAD note: Ensure the DGND to main-GND directly and robustly

Slave Camera 5M AF(Macro)
I2C address:0x20A(W),0x21(R)
I2C driver IC 0x18(W),0x19(R)
I2C EEPROM 0xA4(W),0xA5(R)



CAM Rear_M/Rear_S VCM 2P8

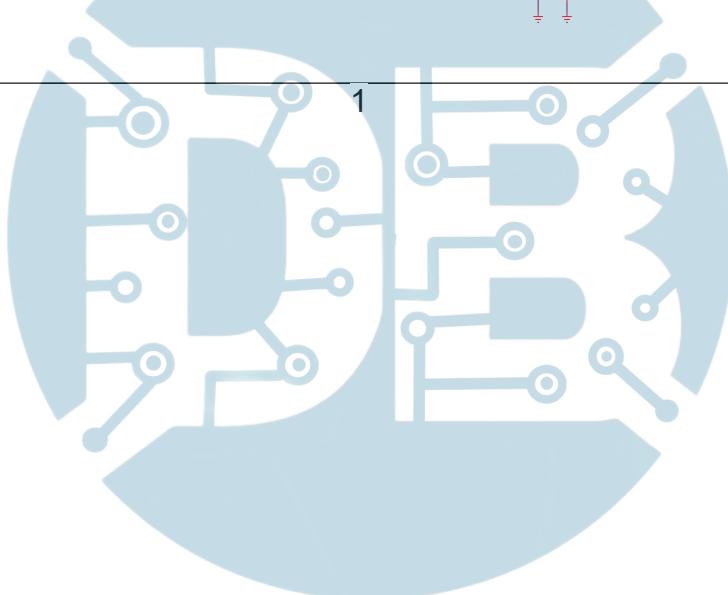
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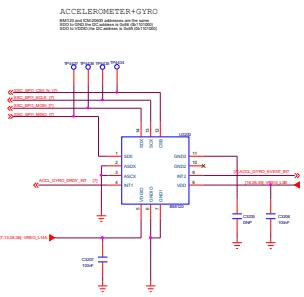
VREG_CAM_AVDD_Rear_M_2P8

VREG_CAM_AVDD_Rear_2MFF_2P8

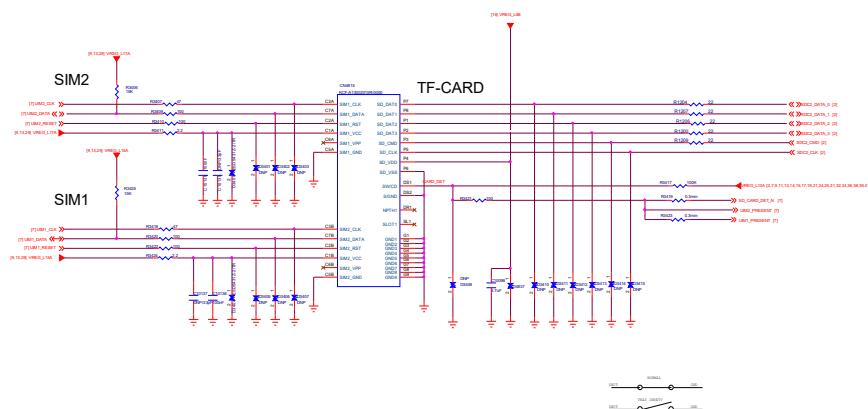
FLASH

REAR CAMERA/FLASH

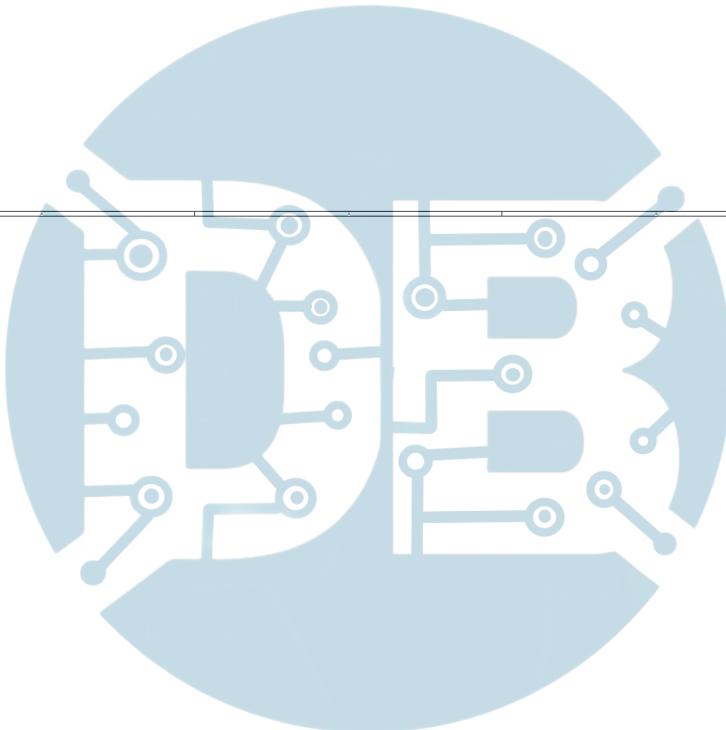


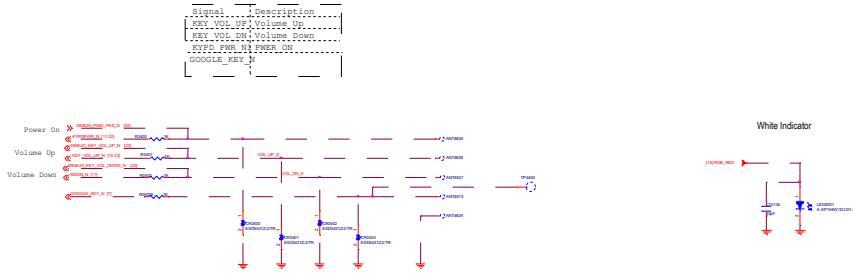


SIM and TF

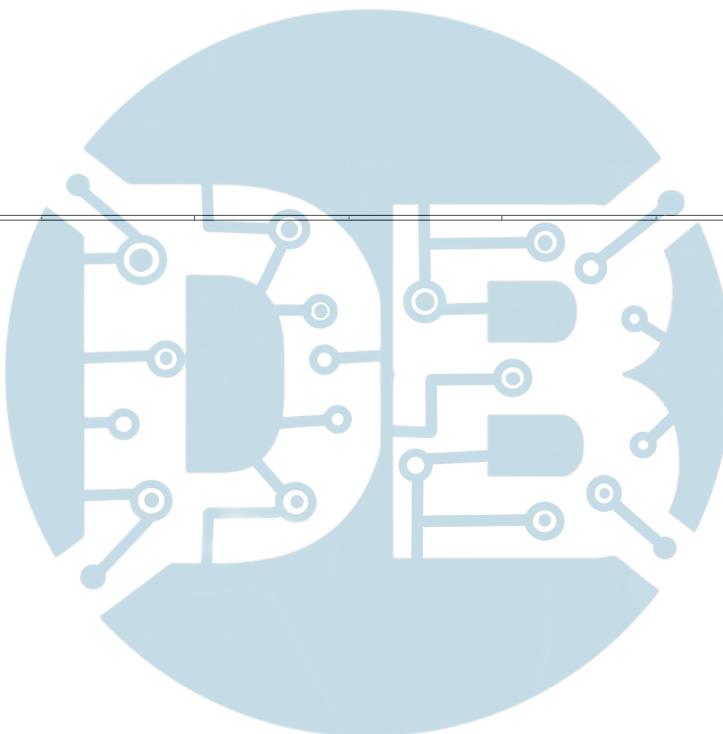


SIM/TF CARD Reserved

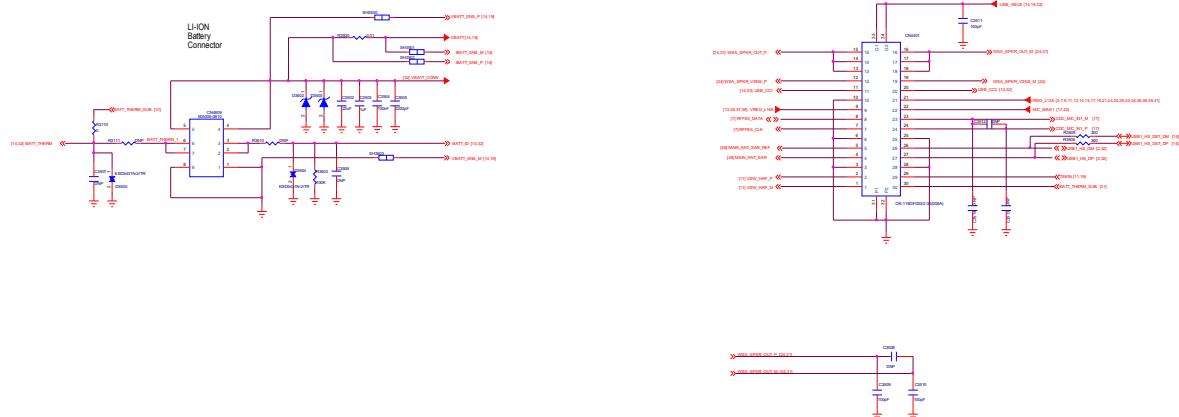




KEYPAD AND INDICATOR

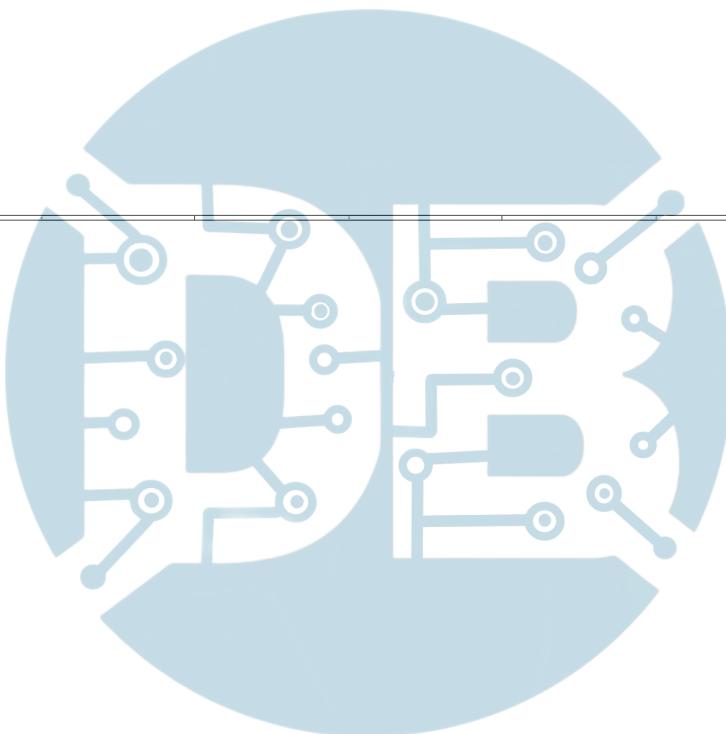


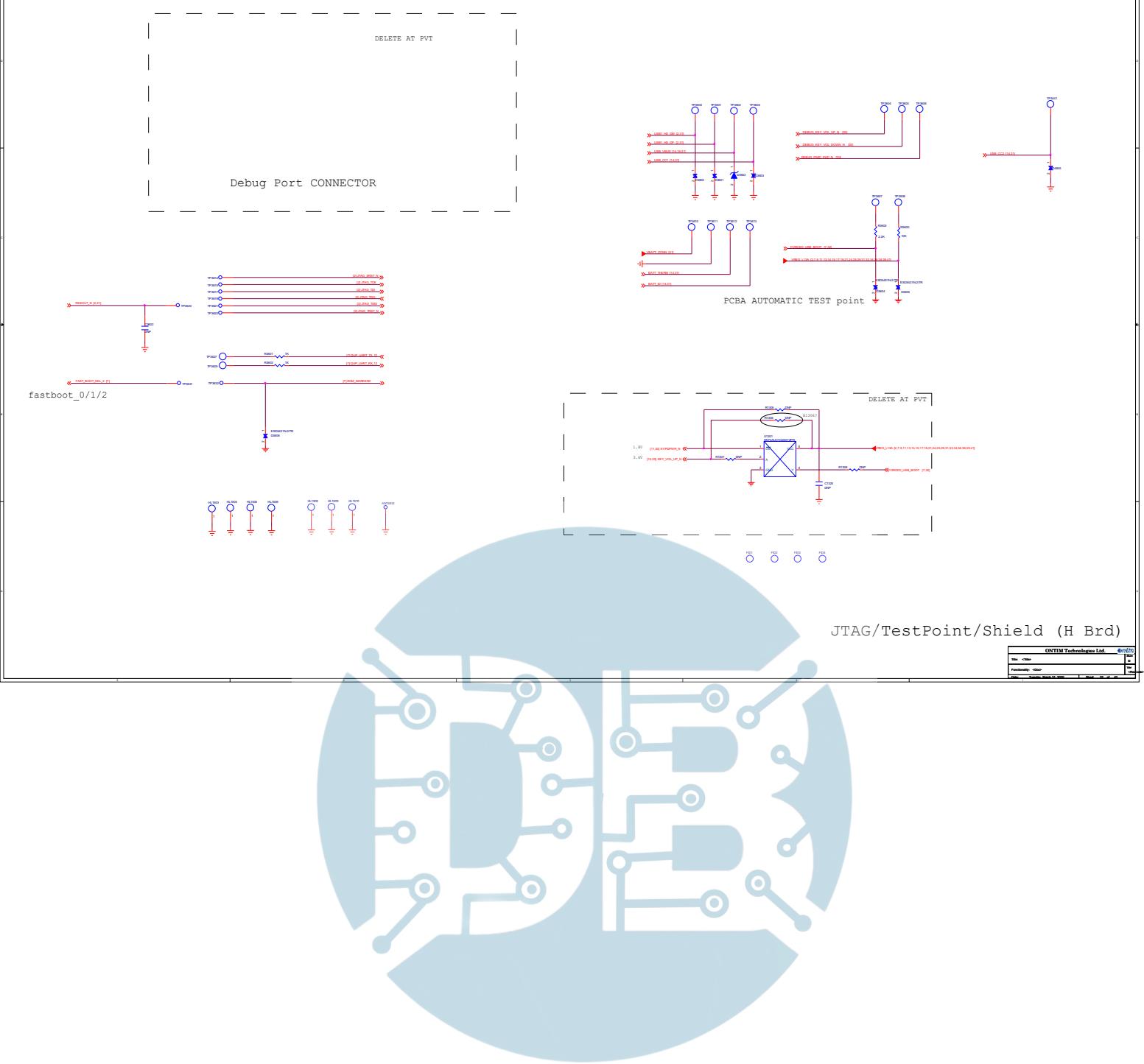
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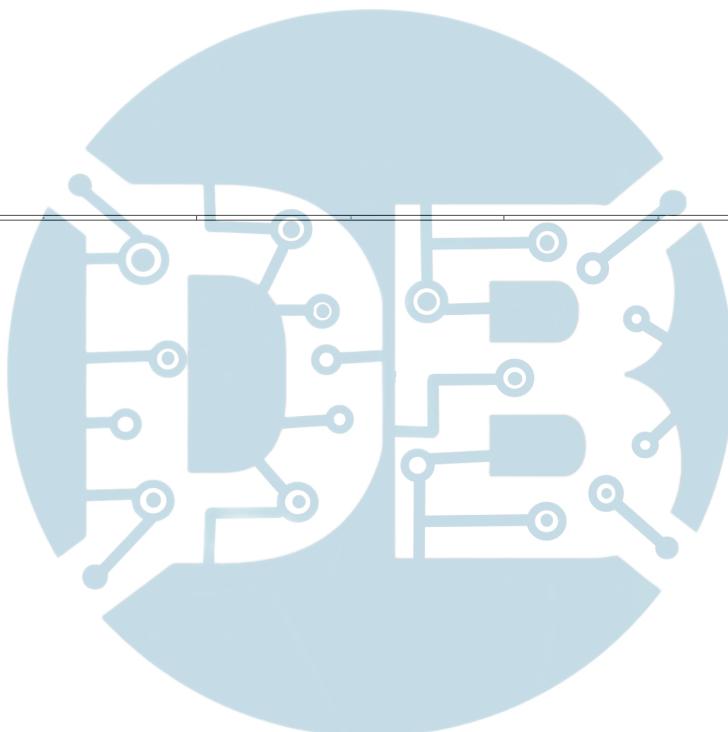
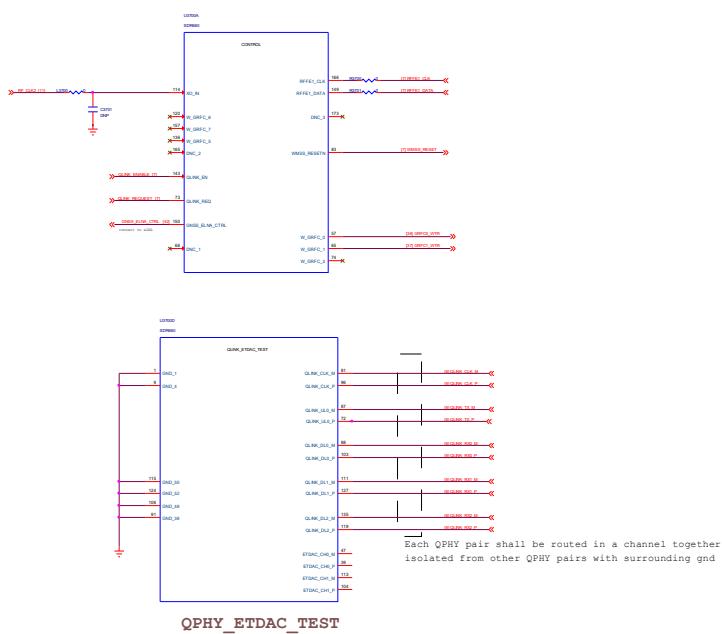


BAT/B2B CONNECTOR

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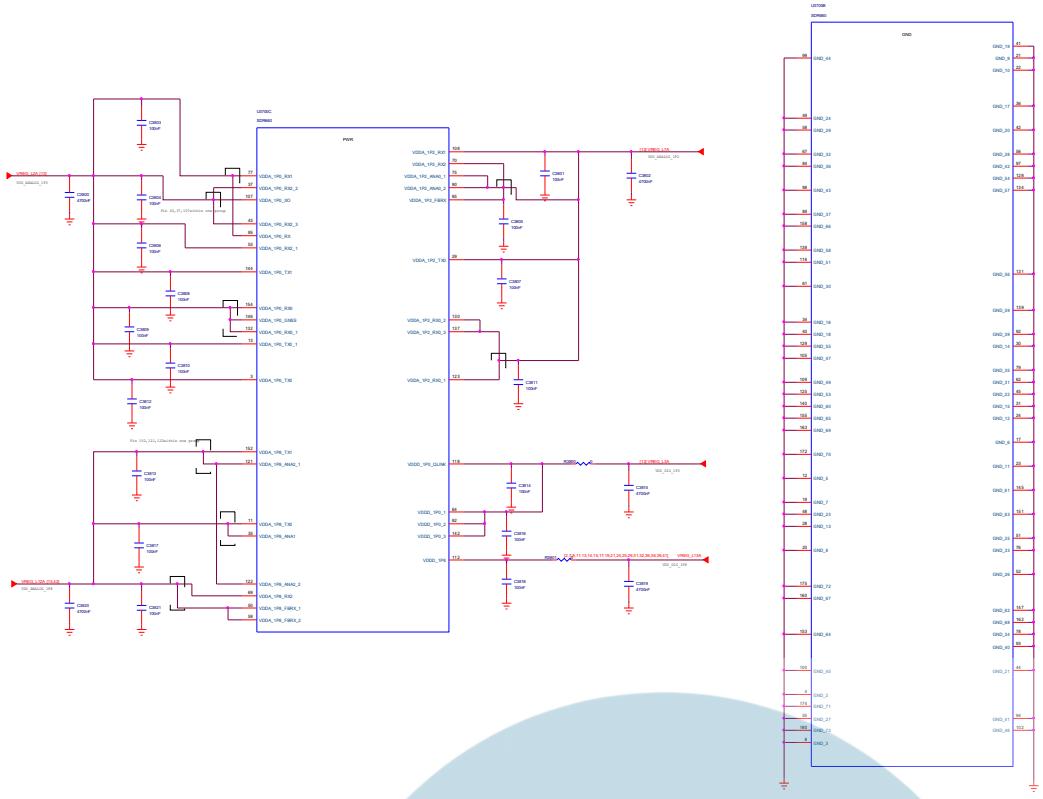






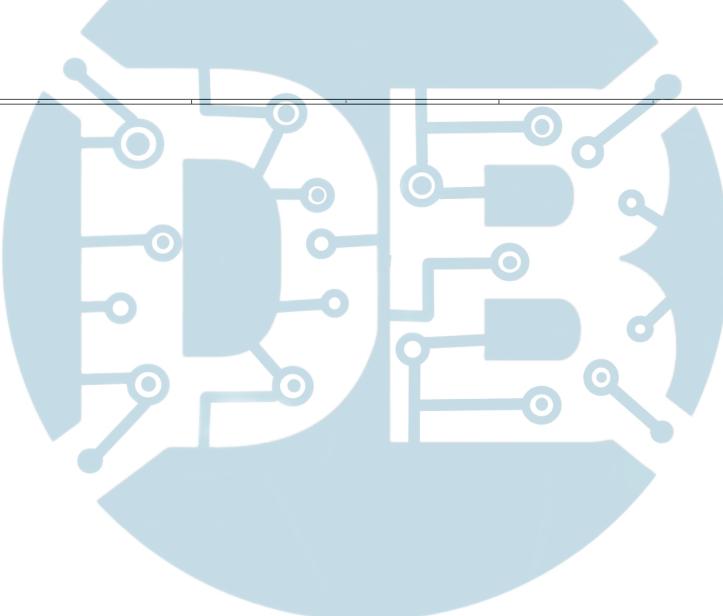
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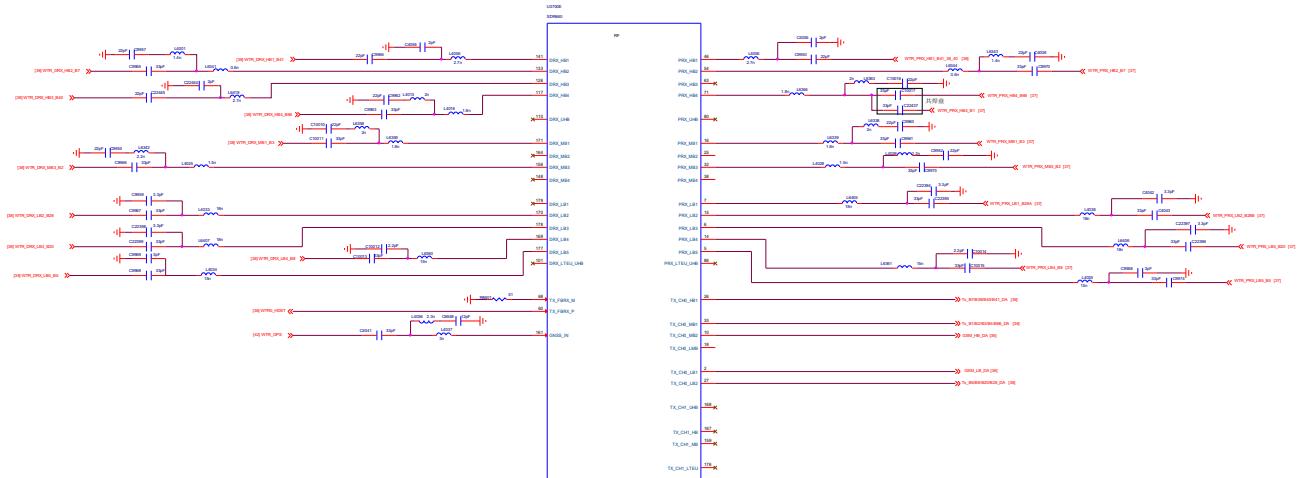
ONTRIM Technologies Ltd. Rev1.0
Date: 08/08/2018
Part Number: SDR660-MSS
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SDR660: PWR

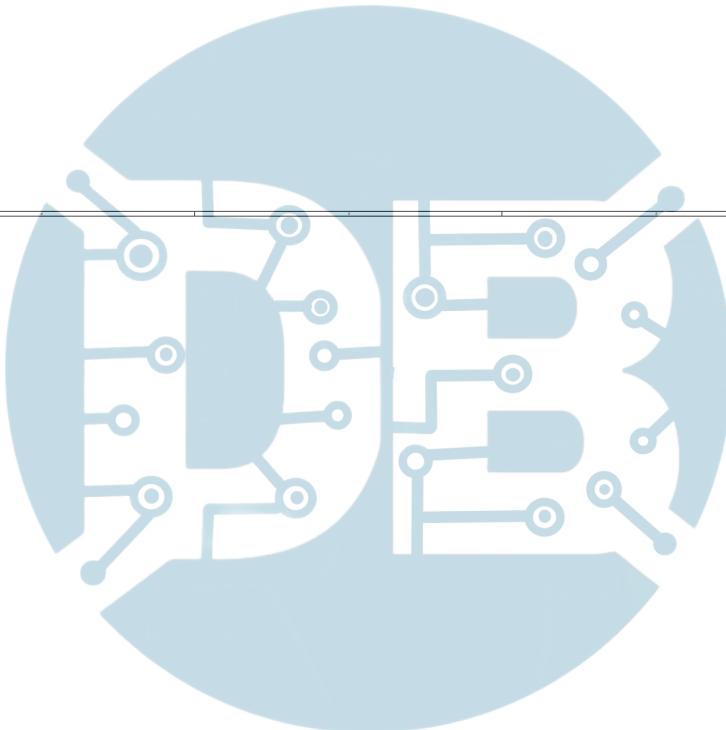
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Part Number: SDR660
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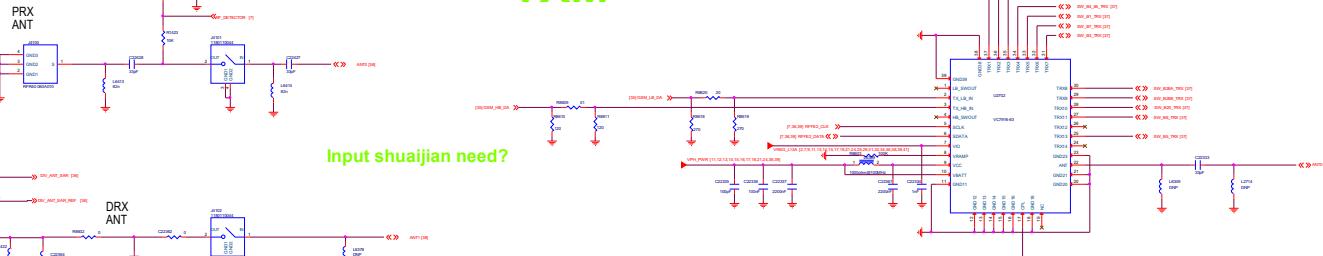


SDR660: DA/PRX/DRX/FBRX

ONTIM Technologies Ltd. 
 Tel: <100> Email
ID
Web
<100>
 Facsimile: <100> Fax
 Date: Tuesday, March 11, 2003 Page: 10 of 43

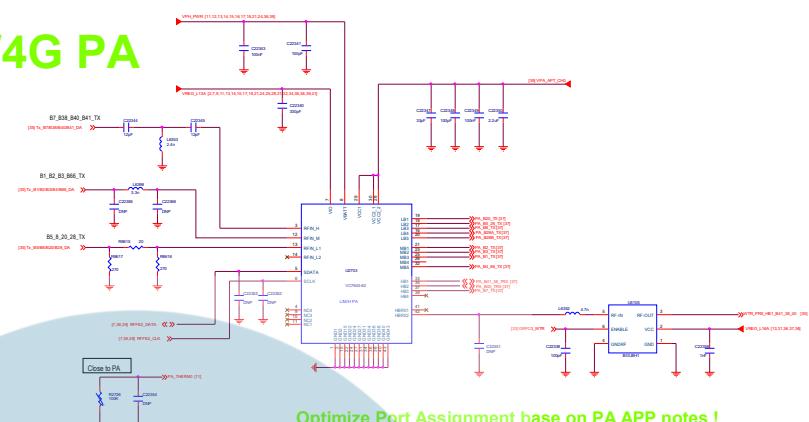


TXM



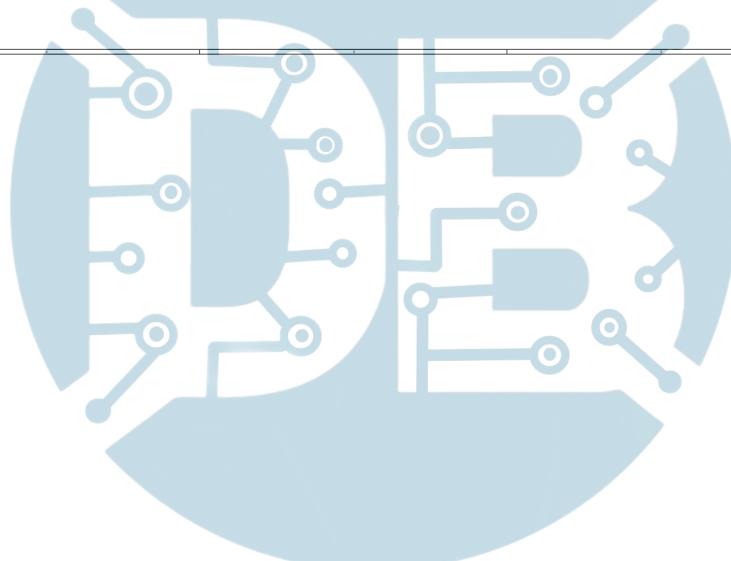
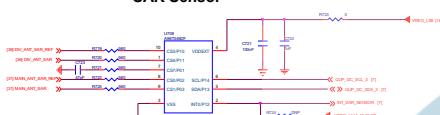
Input shuaijian need?

3/4G PA

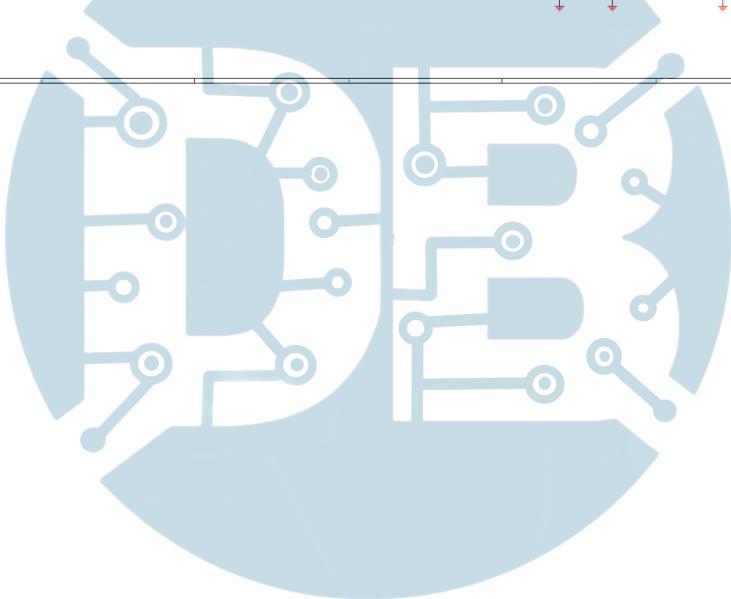
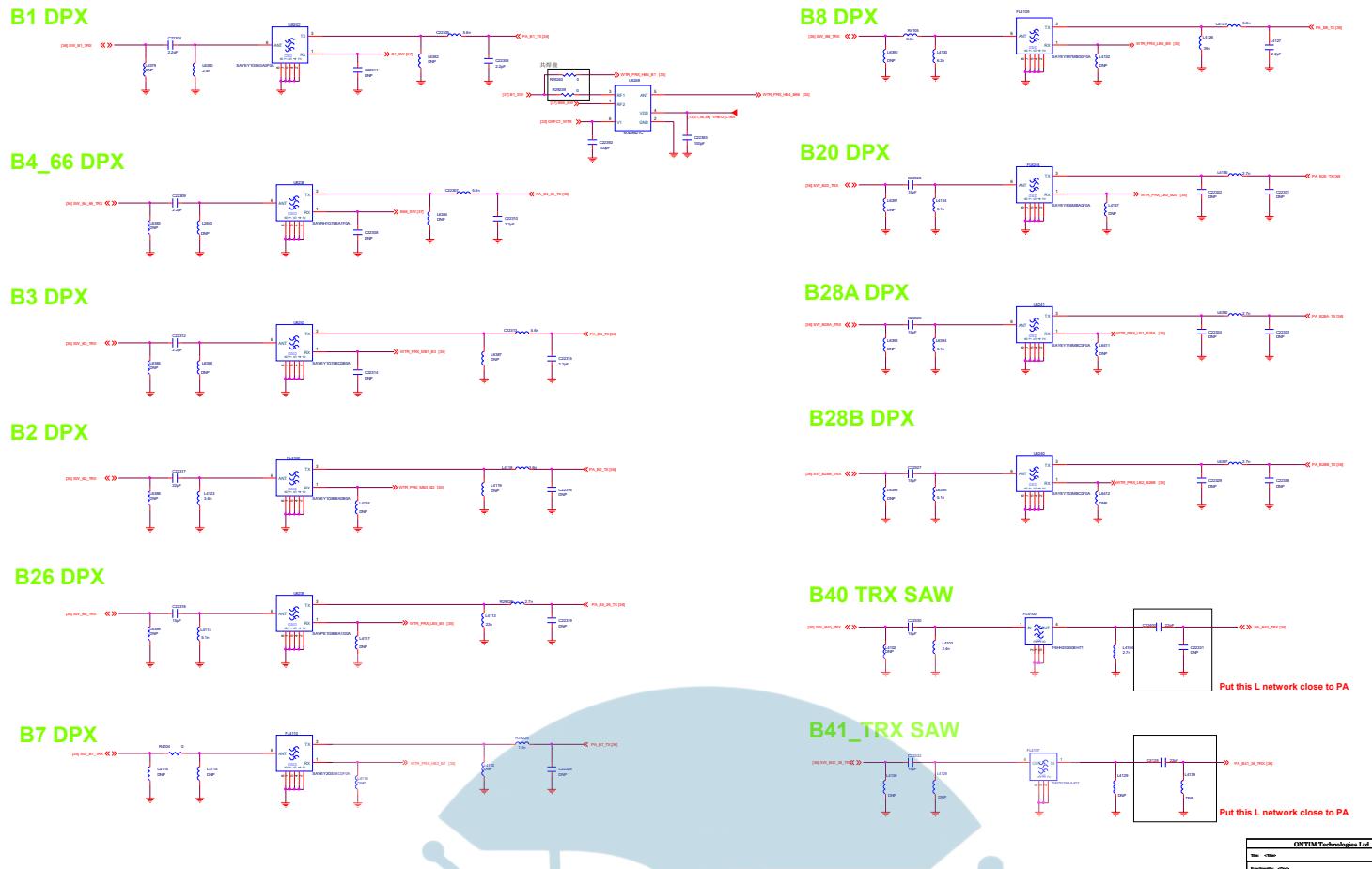


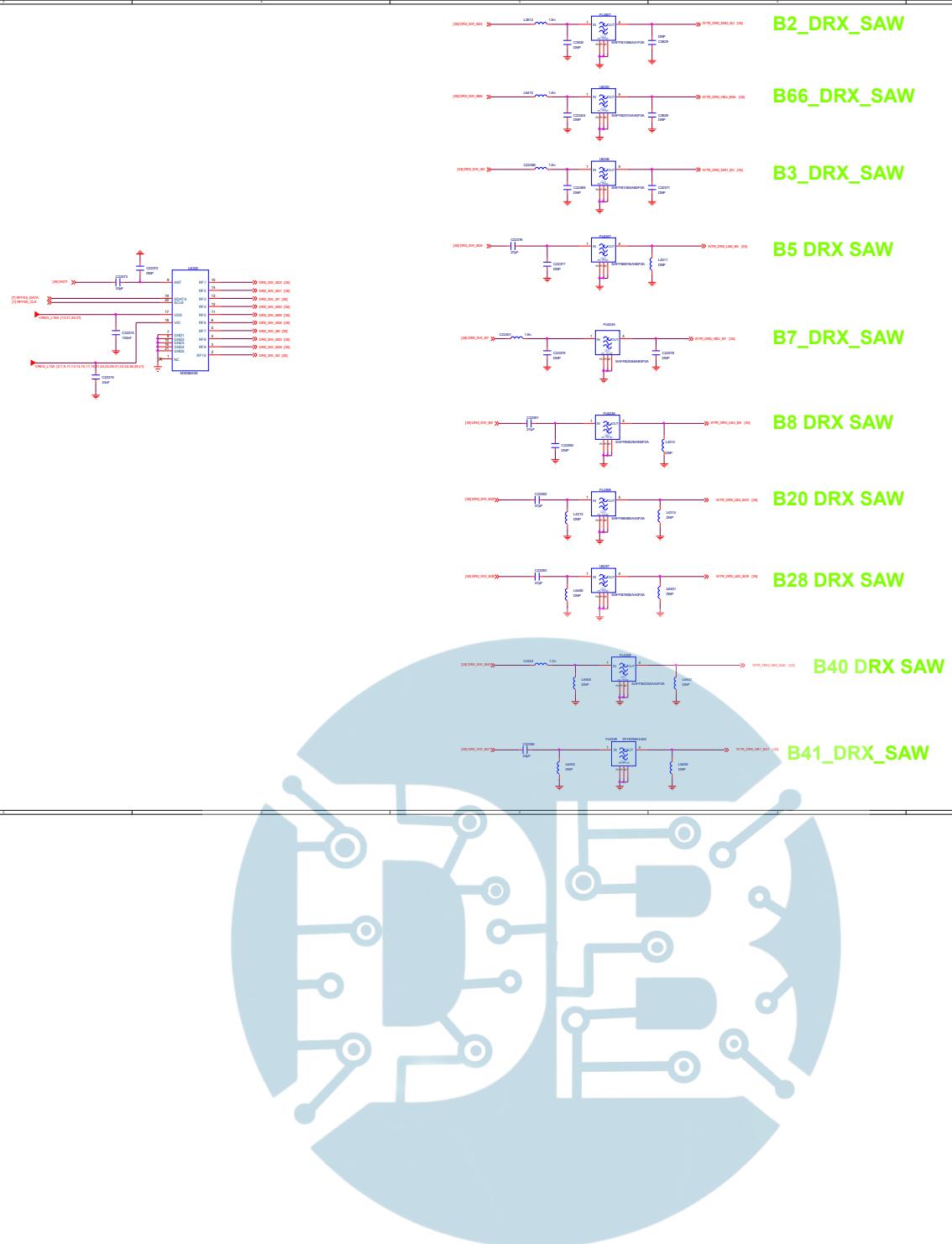
Optimize Port Assignment base on PA APP notes !

SAR Sensor



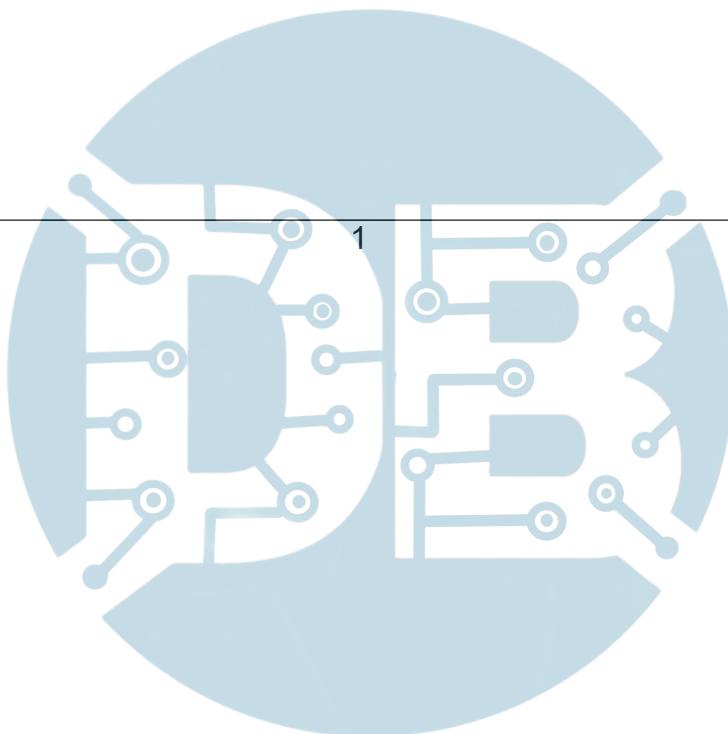
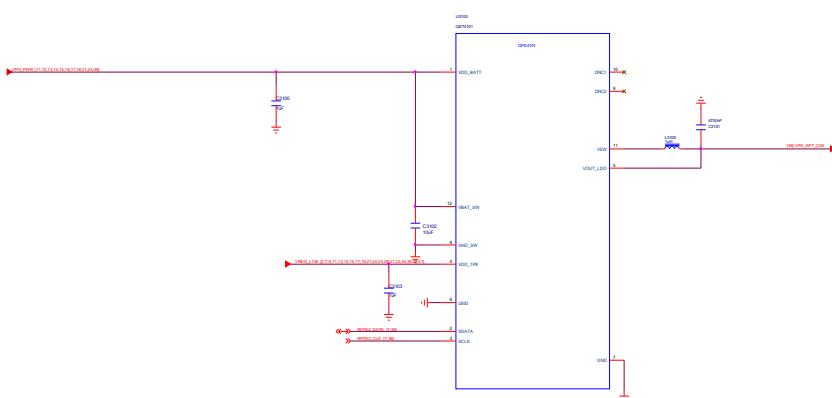
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Productivity:	Other

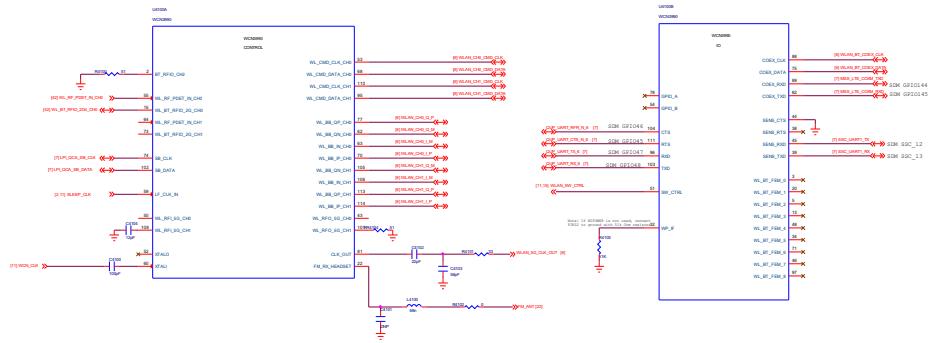




QET4101 CHO

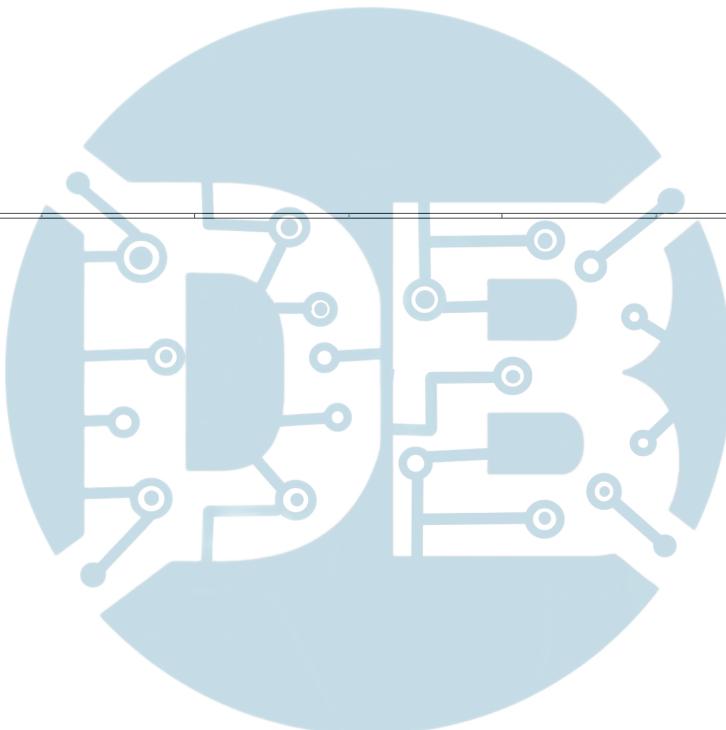
IF DO NOT NEED TO SUPPORT B39+B41 UPLINK CA, QET4101 CAN BE SAVED

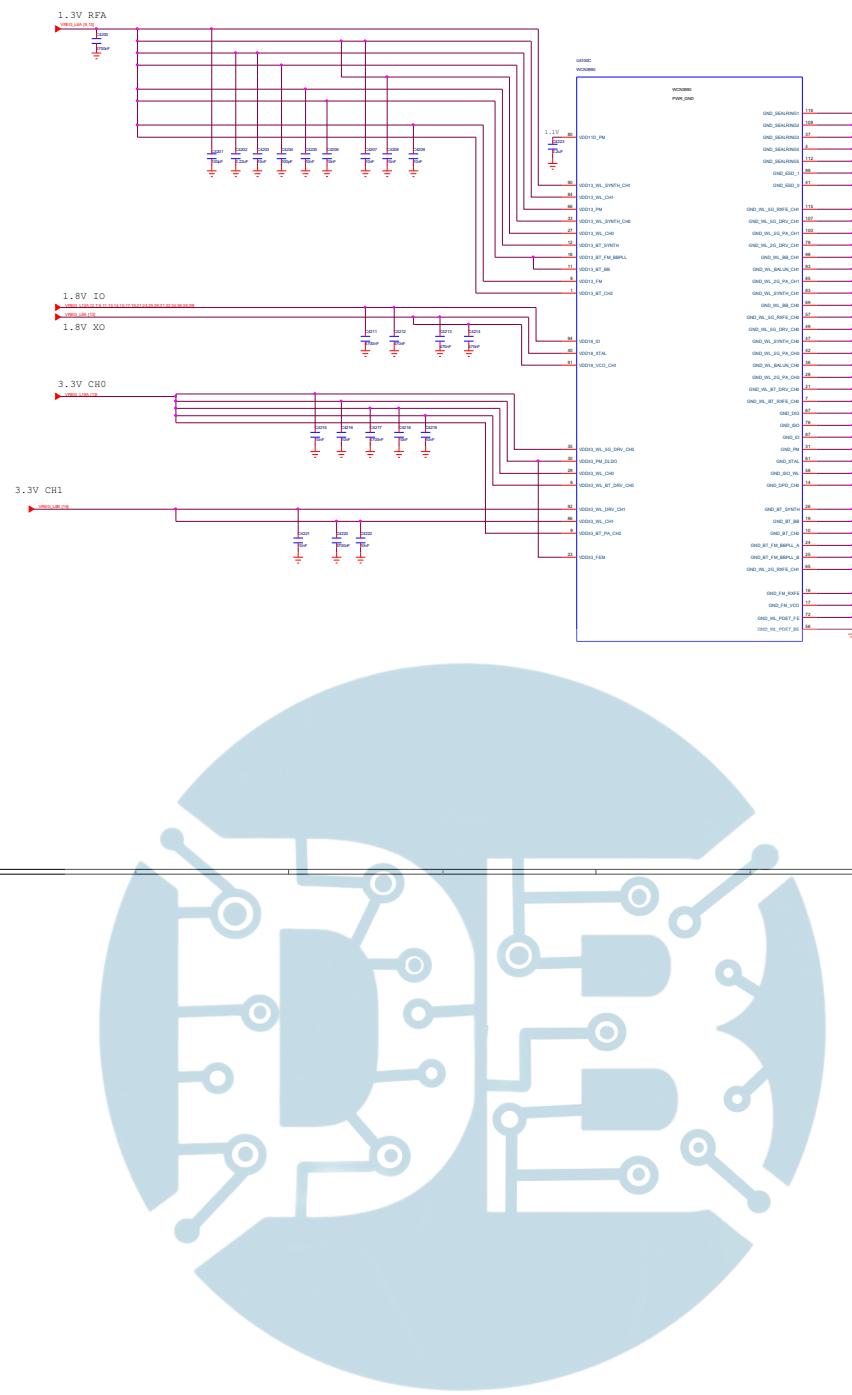




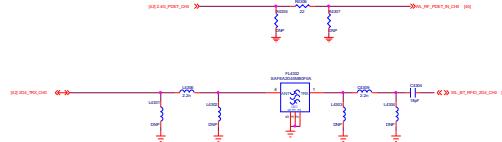
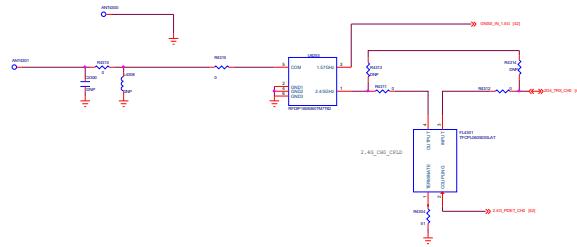
WCN3990

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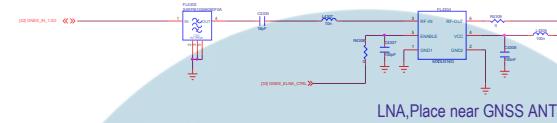




ANT:2.4G WLAN/BT & 1.5G GNSS



1.5G GNSS



GPS

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