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ATXP288 PMIC

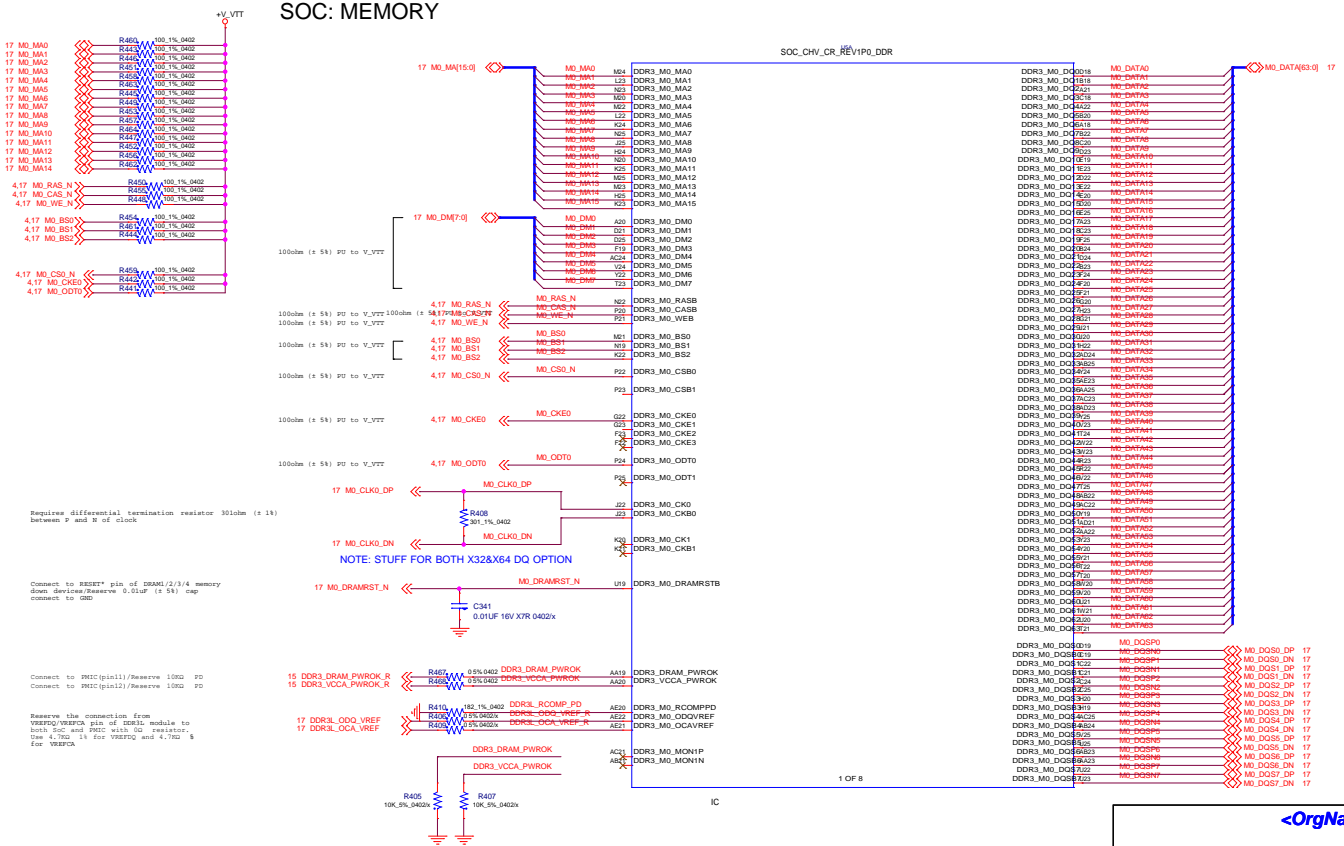


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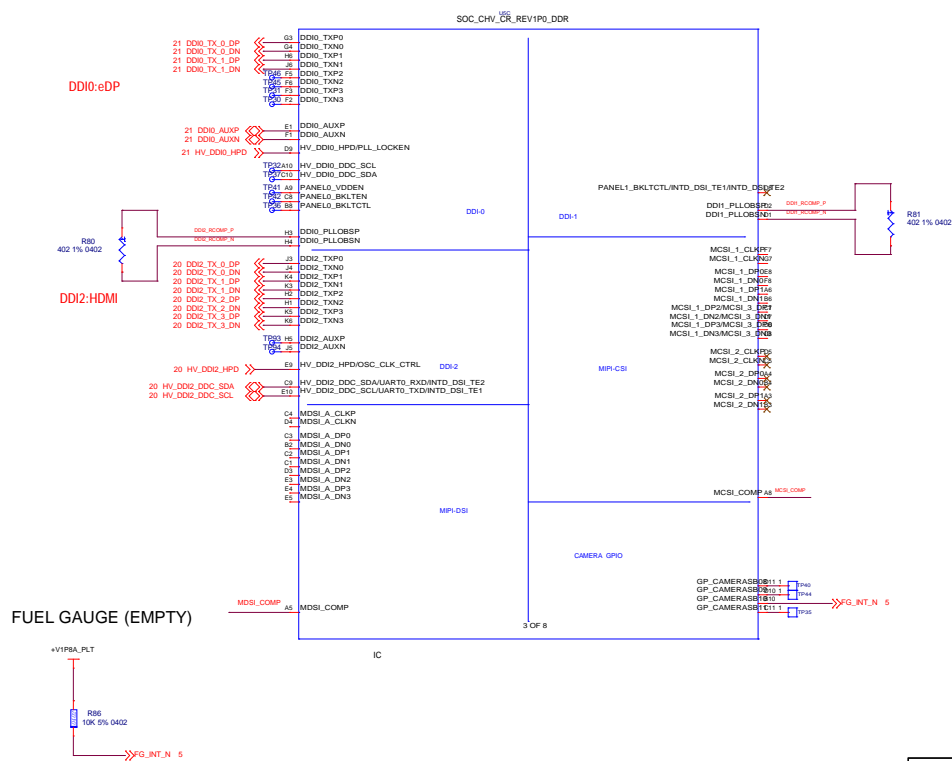
I2C Mapping						
INTERFACE	I2C_0	I2C_1	I2C_2 / I2C_SENSORS	I2C_4	I2C_5	I2C_6
PMIC						0X34
FRONT CAMERA	0X36					
REAR CAMERA	0X10					
ALS SENSOR			0X29			
ACCELEROMETER			0X0E			
GYRO SENSOR			0X68			
COMPASS SENSOR			0X0C			
EXTERNAL CHARGER		0X6B				
FUEL GAUGE		0x62				
AUDIO CODEC		0X1A				
DEBUG		TBU				
TOUCH (South Board)					0X40	
NFC				0x5E		

SOC: MEMORY



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SOC:CAMERA & DISPLAY

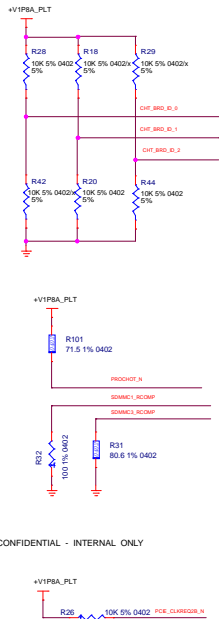


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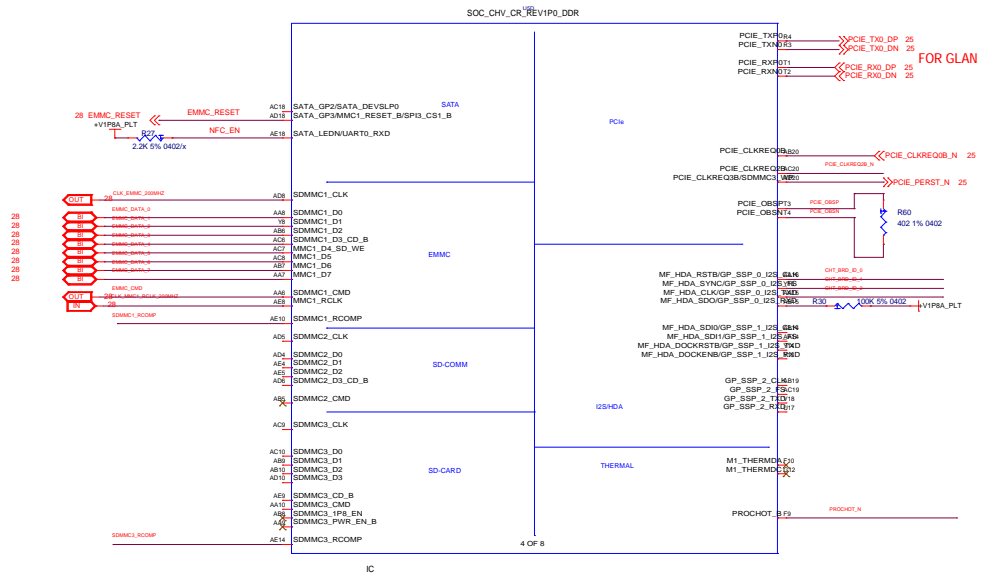
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SOC:STORAGE,AUDIO & SATA

BOARD SELECTION



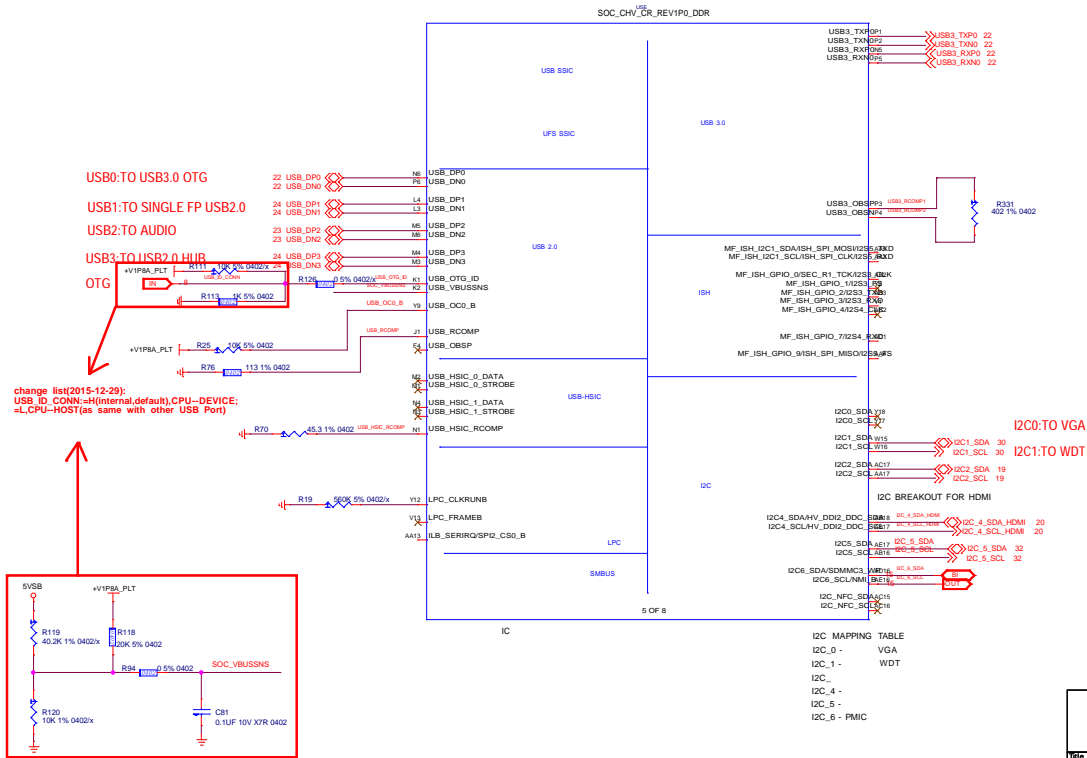
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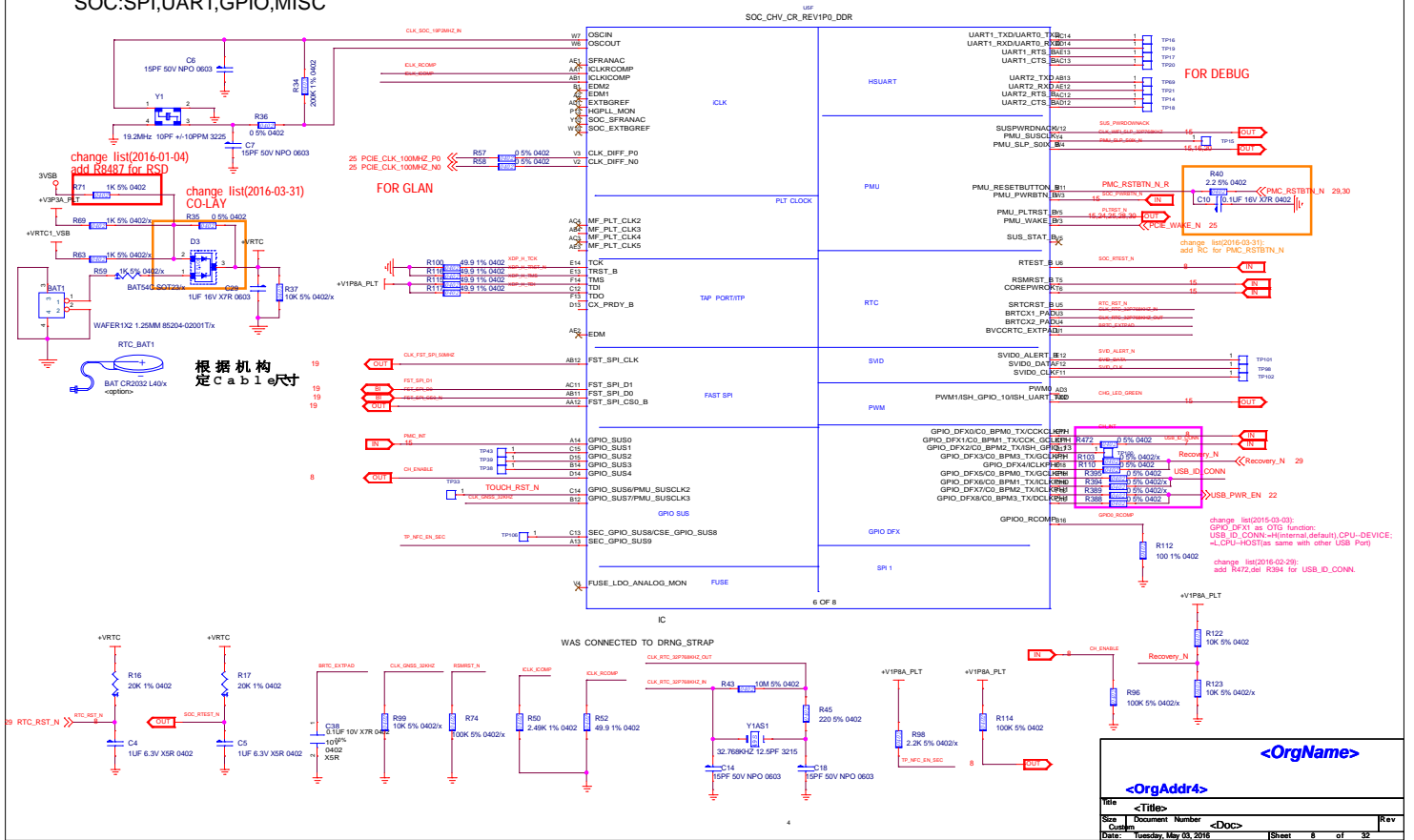
SOC:USB & I2C

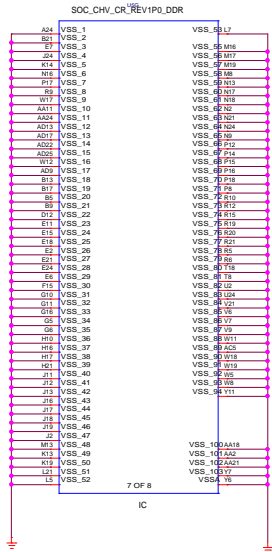
CAD NOTE:
TEST POINTS AND COMPONENTS
ON SOC PAGES SHOULD BE PLACED CLOSE TO RELEVANT COMPONENTS



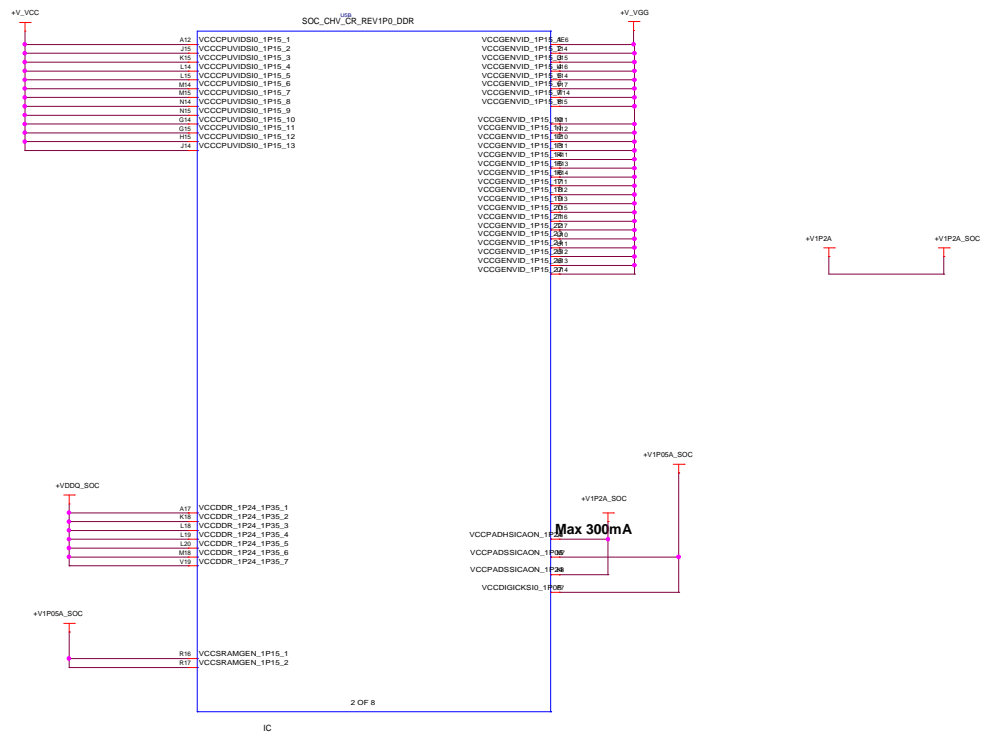
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SOC:SPI,UART,GPIO,MISC



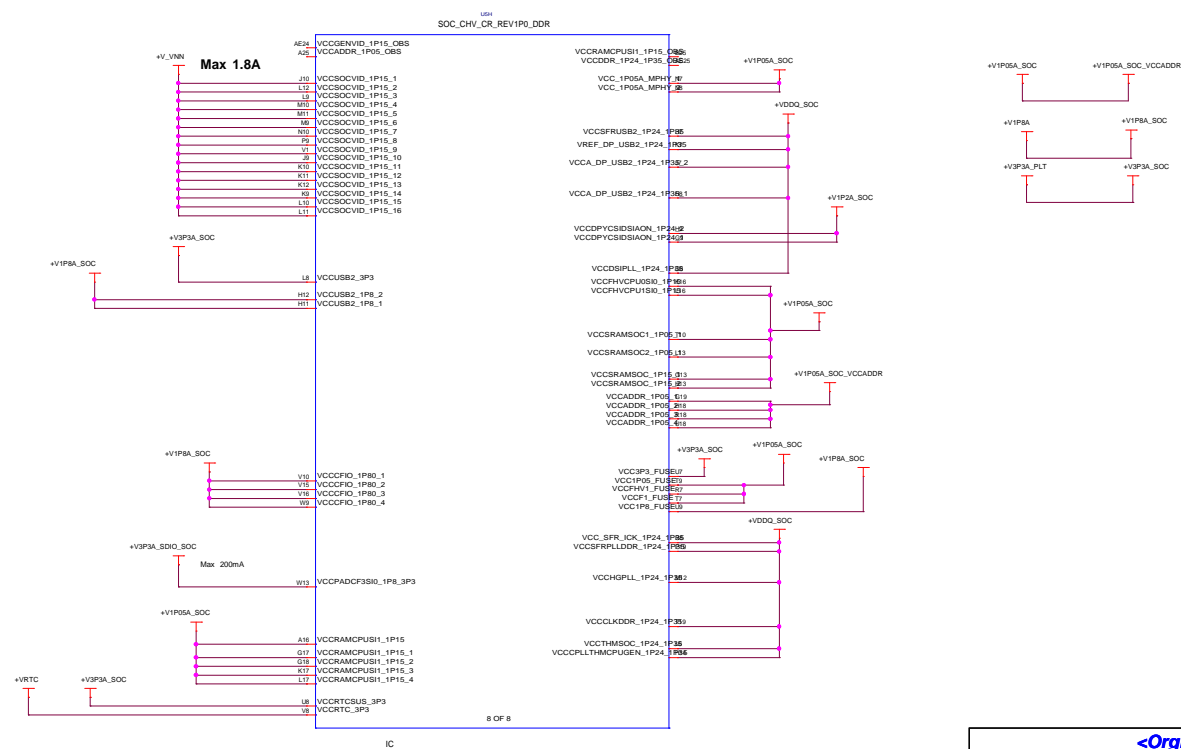


SOC: POWER1



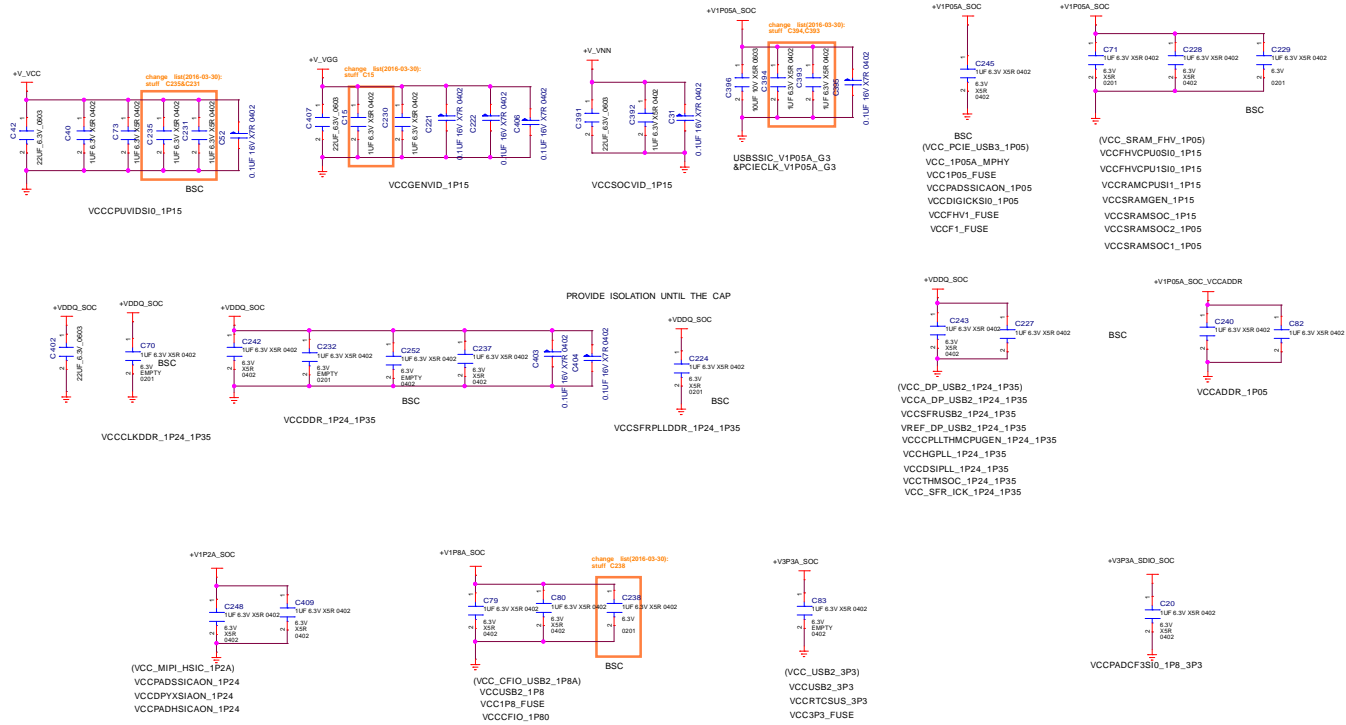
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SQC: POWER2



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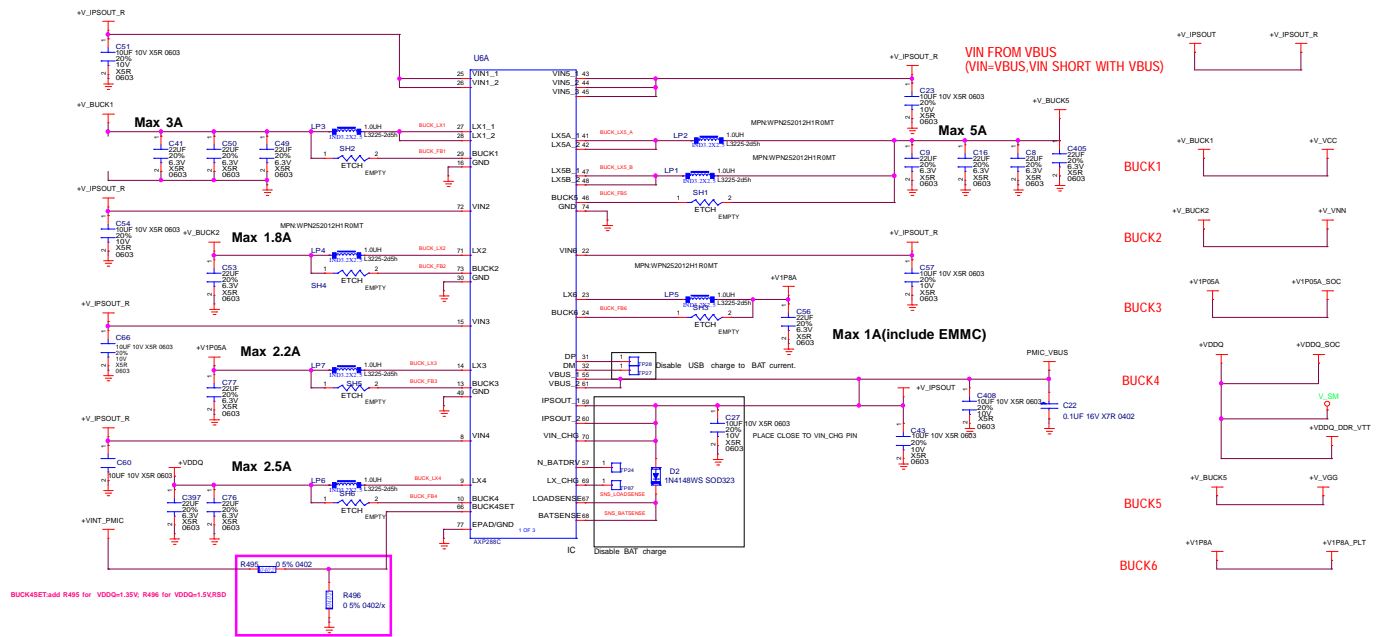
SOC:DECOUPLING



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PMIC: SWITCHING REGULATORS

PMIC:
on(default):always powers and VDDQ-->slp_soix_B-->VGG,VCC-->VCCAPWROK-->COREPWROK-->PLTST_B
off: only on -VCC_RTC, VINT and charger

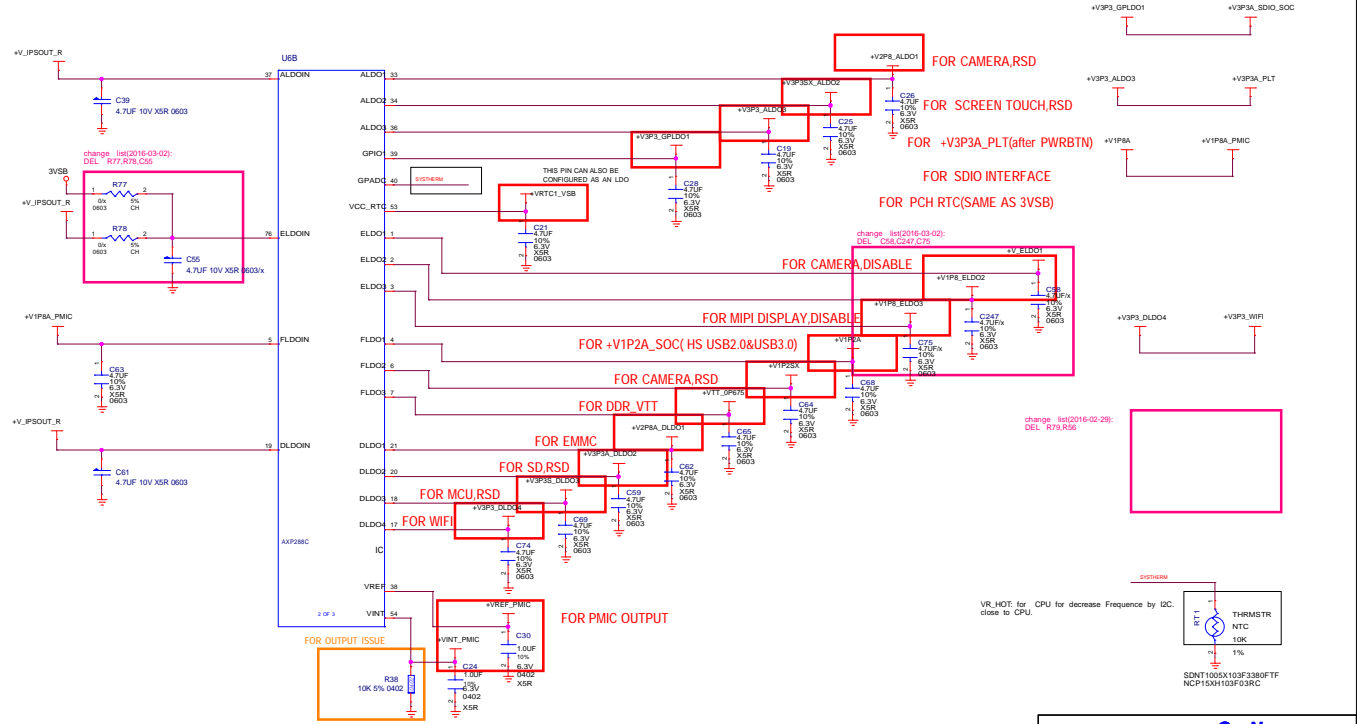


Q2RE-375582-00 Res,10m,OHM,± 5 %/2 W121Q SM, LF

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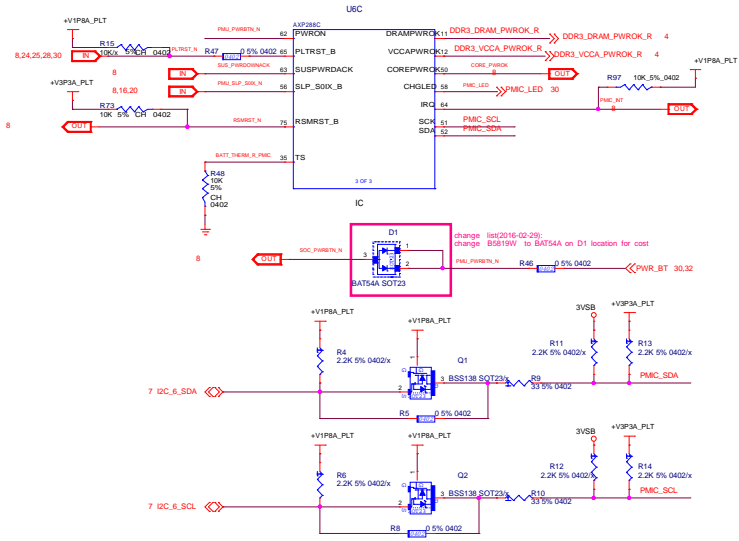
PMIC: LDOS

PWR SQE LDO:FLD01,FLD03,DL01,ALD03

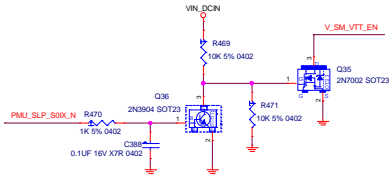
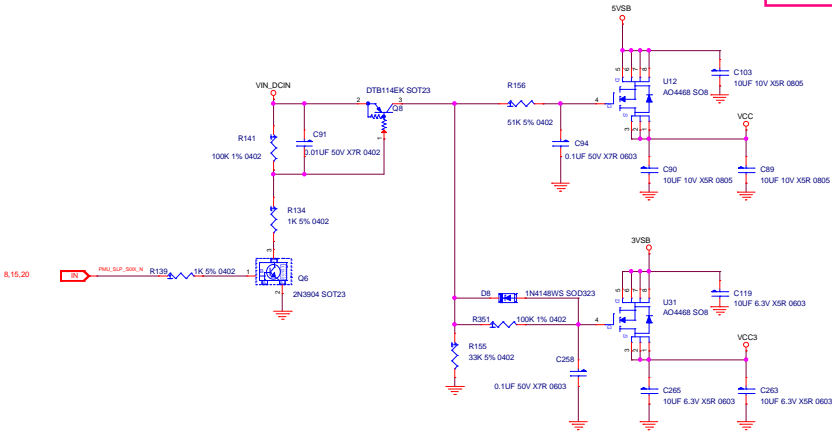
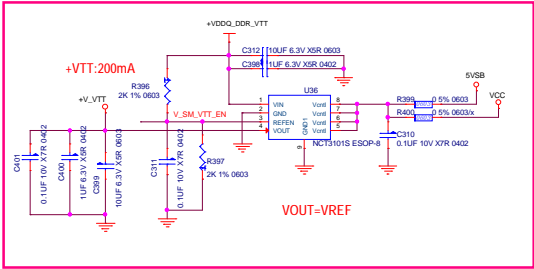
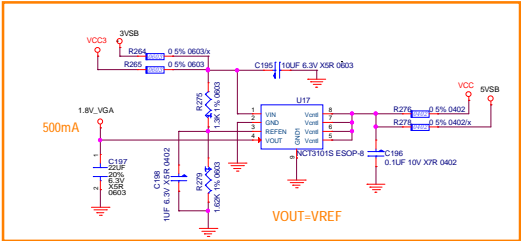


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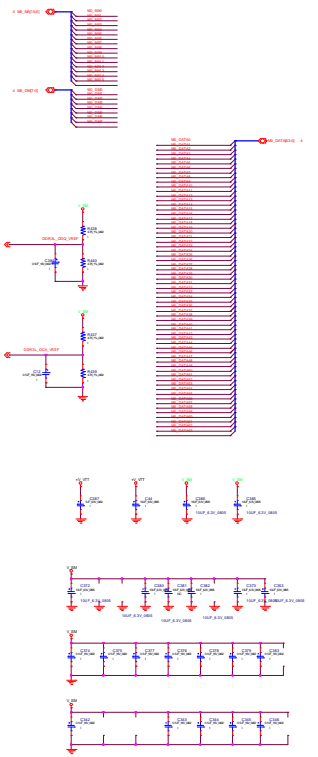
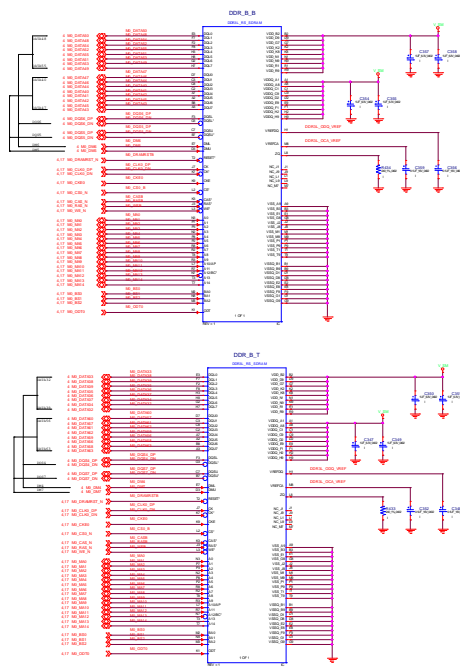
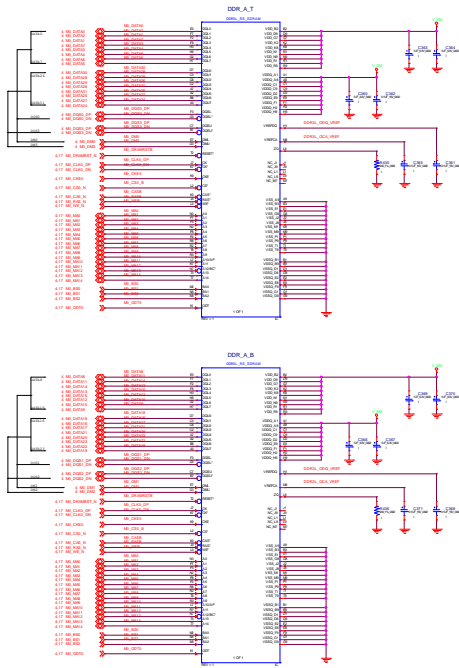
PMIC: HOST & MISC INTERFACES



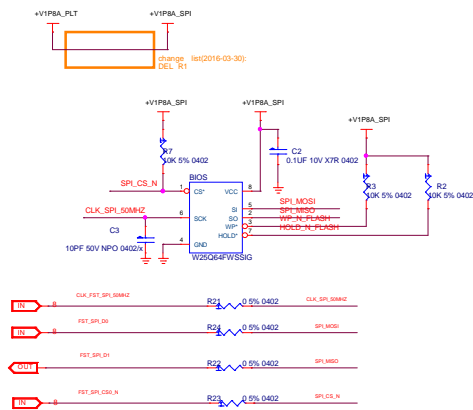
change: let(2016-02-29);
add VTT LDO follow CR8



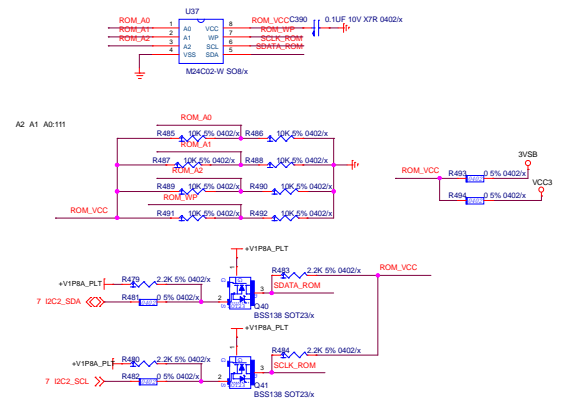
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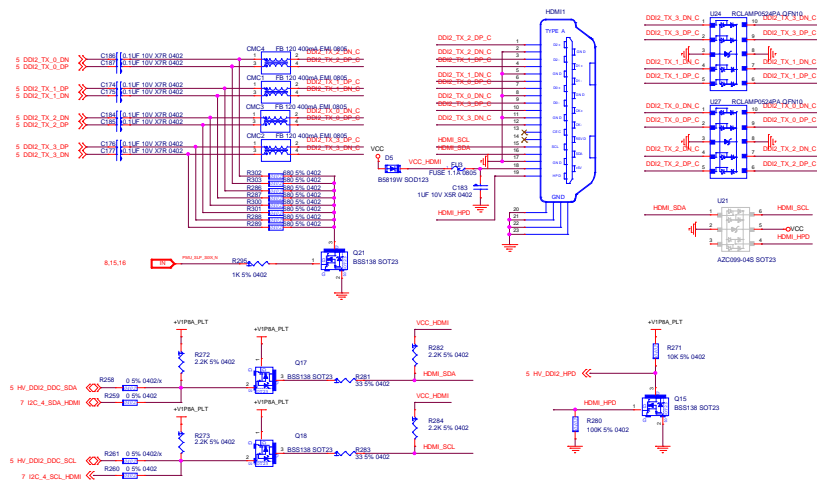
change list(2016-03-01):
M24C02-W for Power on/off data



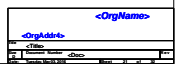
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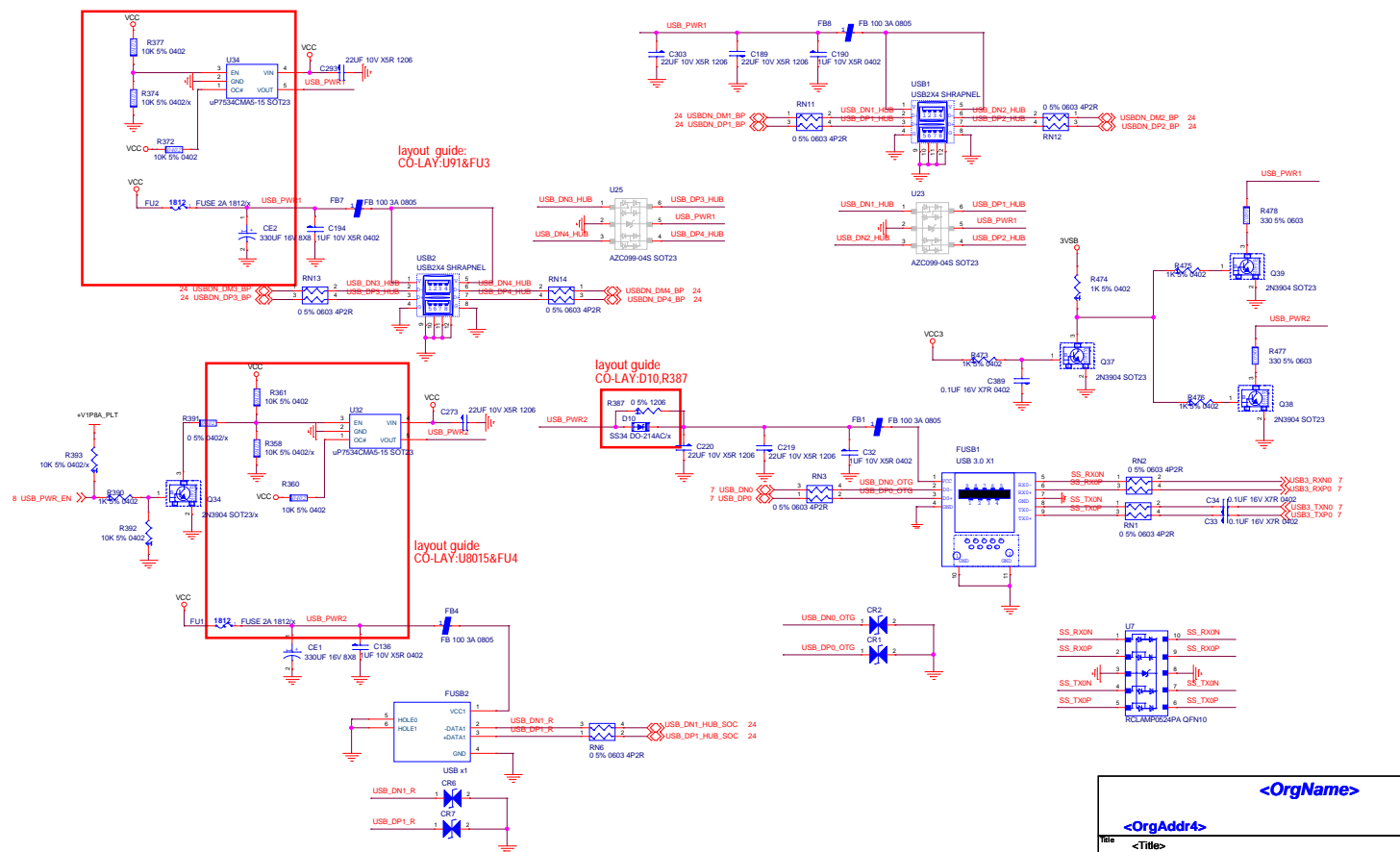
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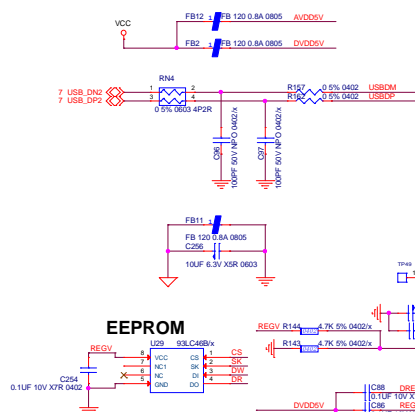
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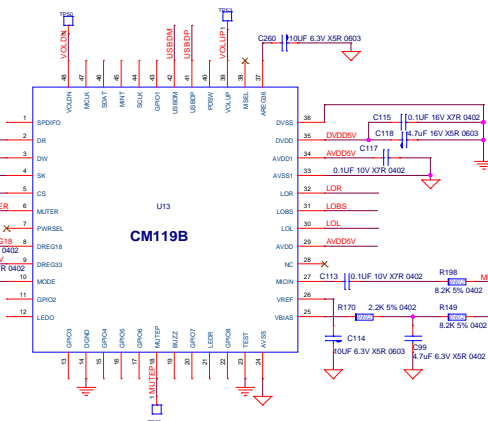


AUDIO CODEC

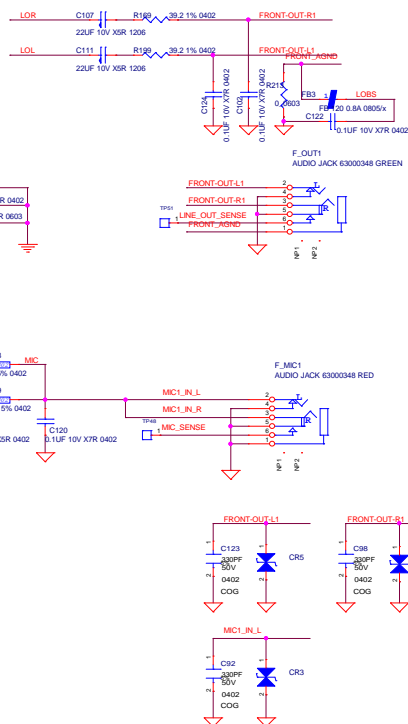
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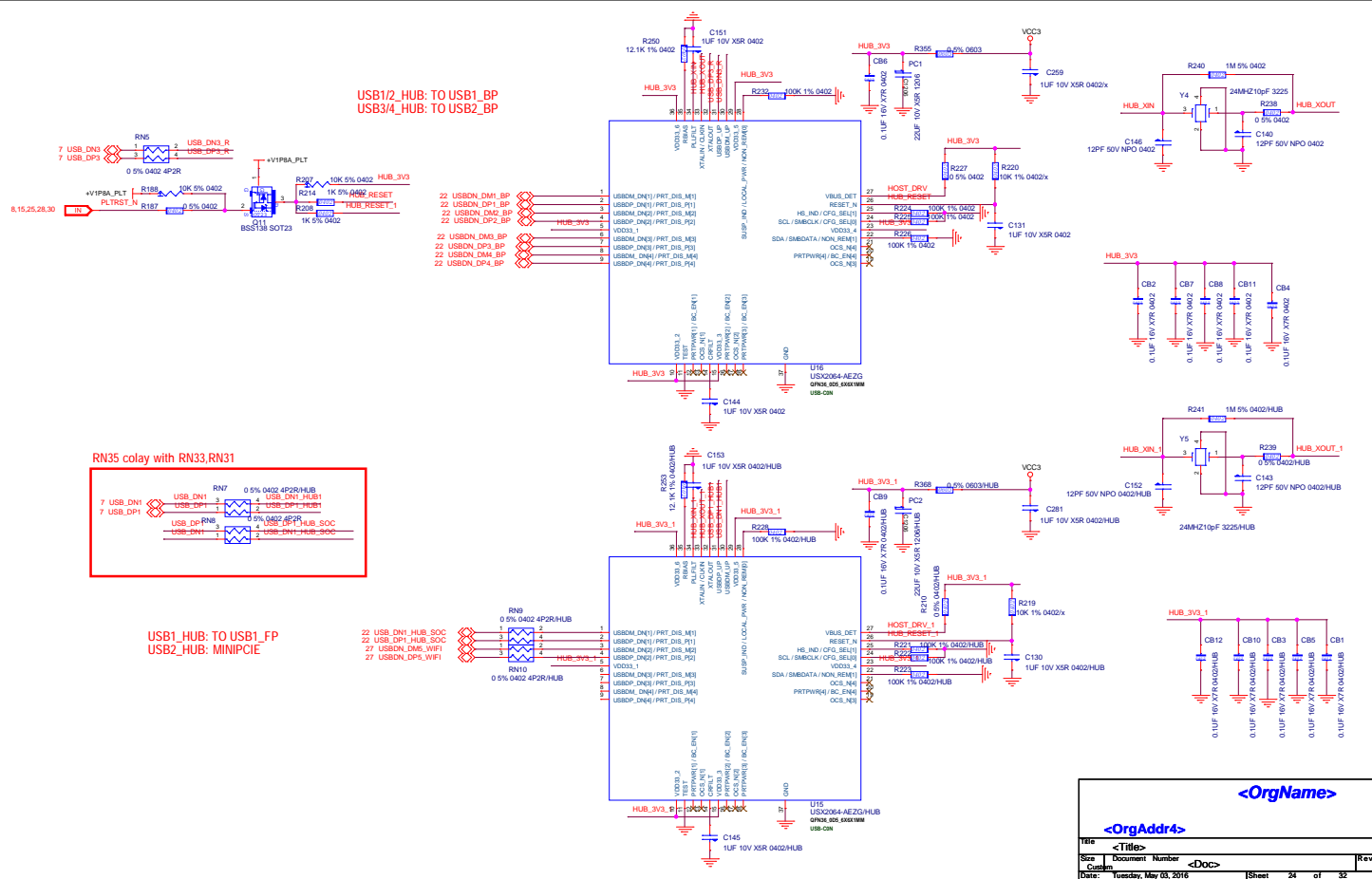
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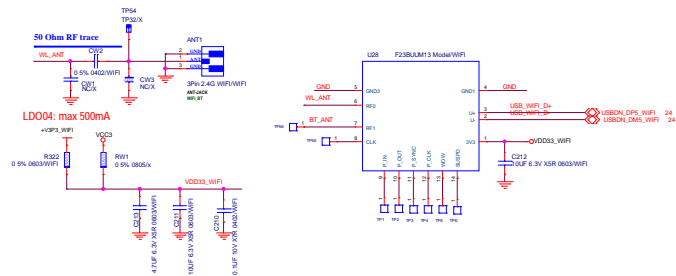
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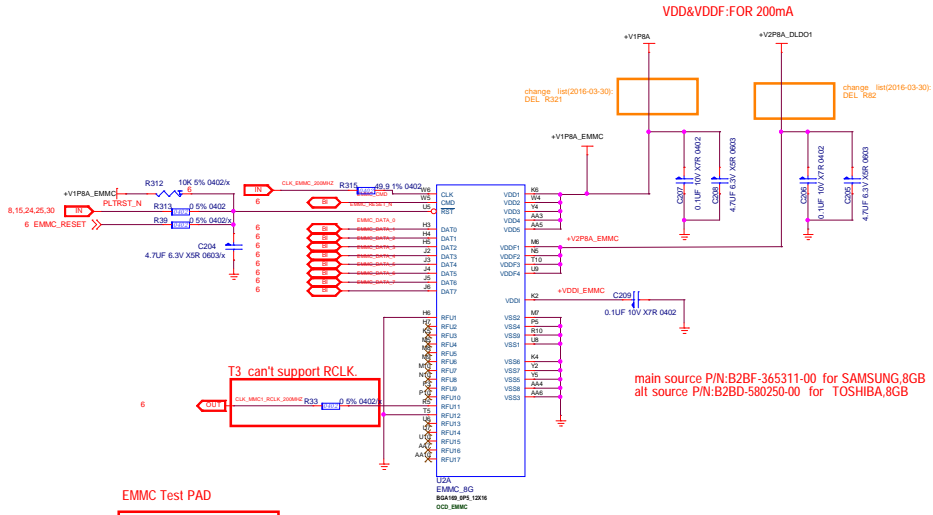


WIFI-BT MODULE



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EMMC



EMMC Test PAD

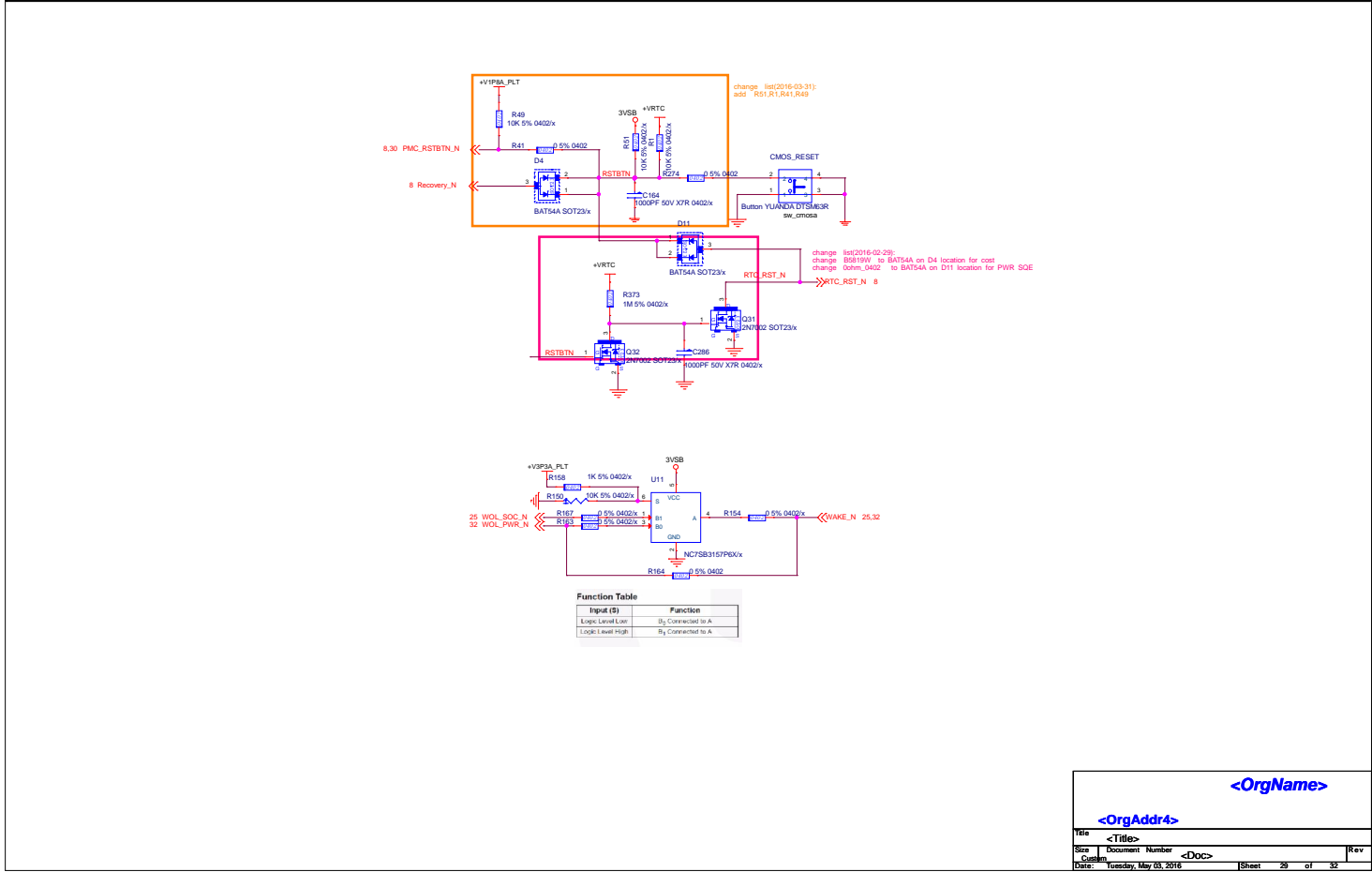
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W6	CMD	VDD2	V4
W7	REST	VDD3	A3
H3	DAT0	VDD5	AA5
H4	DAT1		
H5	DAT2	VDDF1	N6
J2	DAT3	VDDF2	T10
J3	DAT4	VDDF3	L10
J4	DAT5	VDDF4	
J5	DAT6		
J6	DAT7		
		VDDI	I2
H6	RFU1	VBS2	M7
H7	RFU2	VBS3	P10
M5	RFU3	VBS9	L8
M6	RFU4	VBS1	U4
M8	RFU5		
M9	RFU6	VBS6	T2
M10	RFU7	VBS7	Y5
N10	RFU8	VBS8	AA4
P3	RFU9	VBS3	A46
P10	RFU10	VBS8	
T3	RFU11		
U10	RFU12		
U17	RFU13		
U19	RFU14		
AA7	RFU15		
AA10	RFU17		

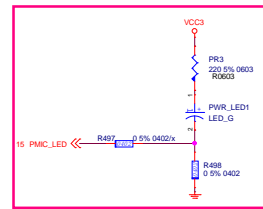
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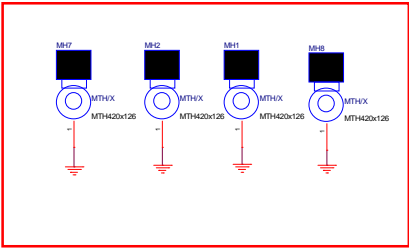
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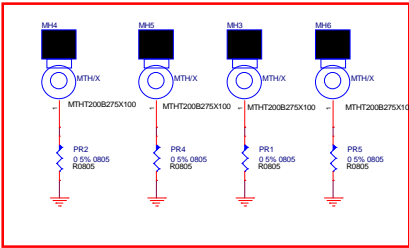




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MB HOLE



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