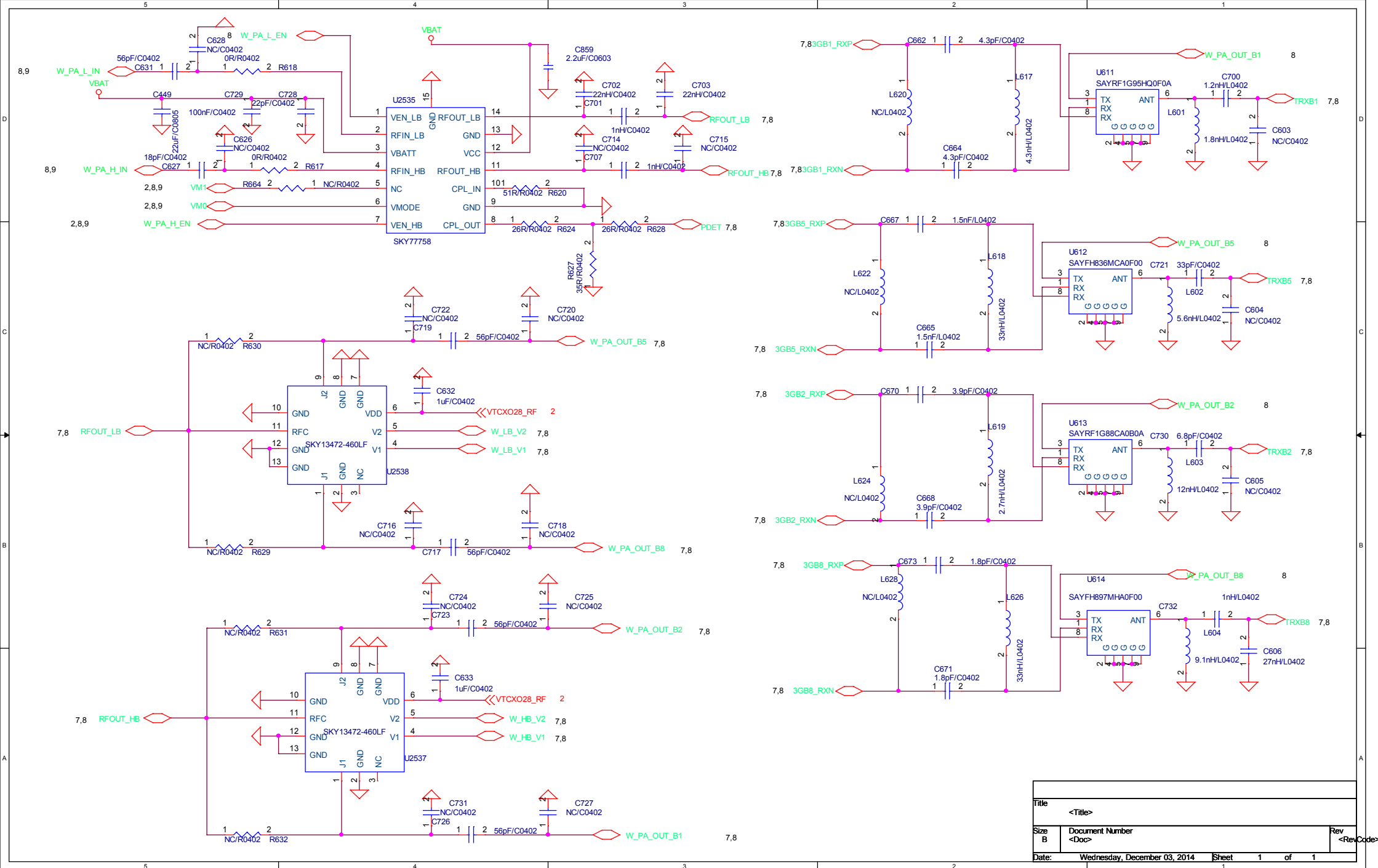
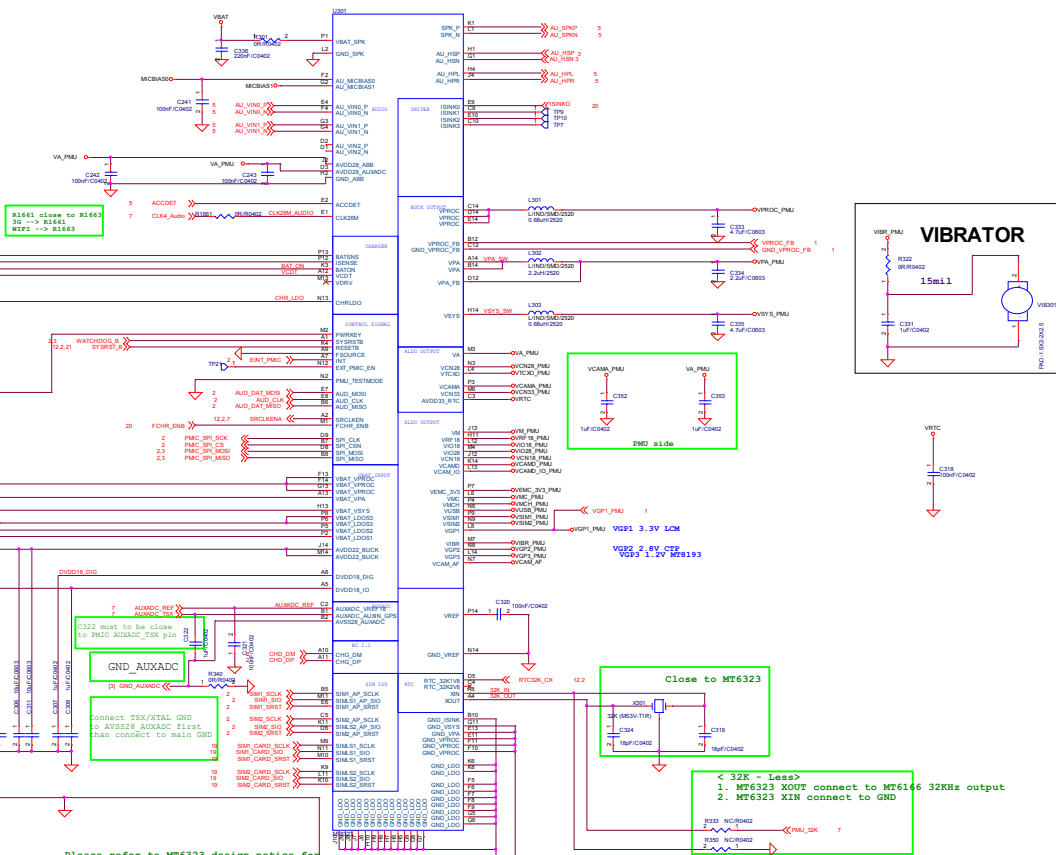
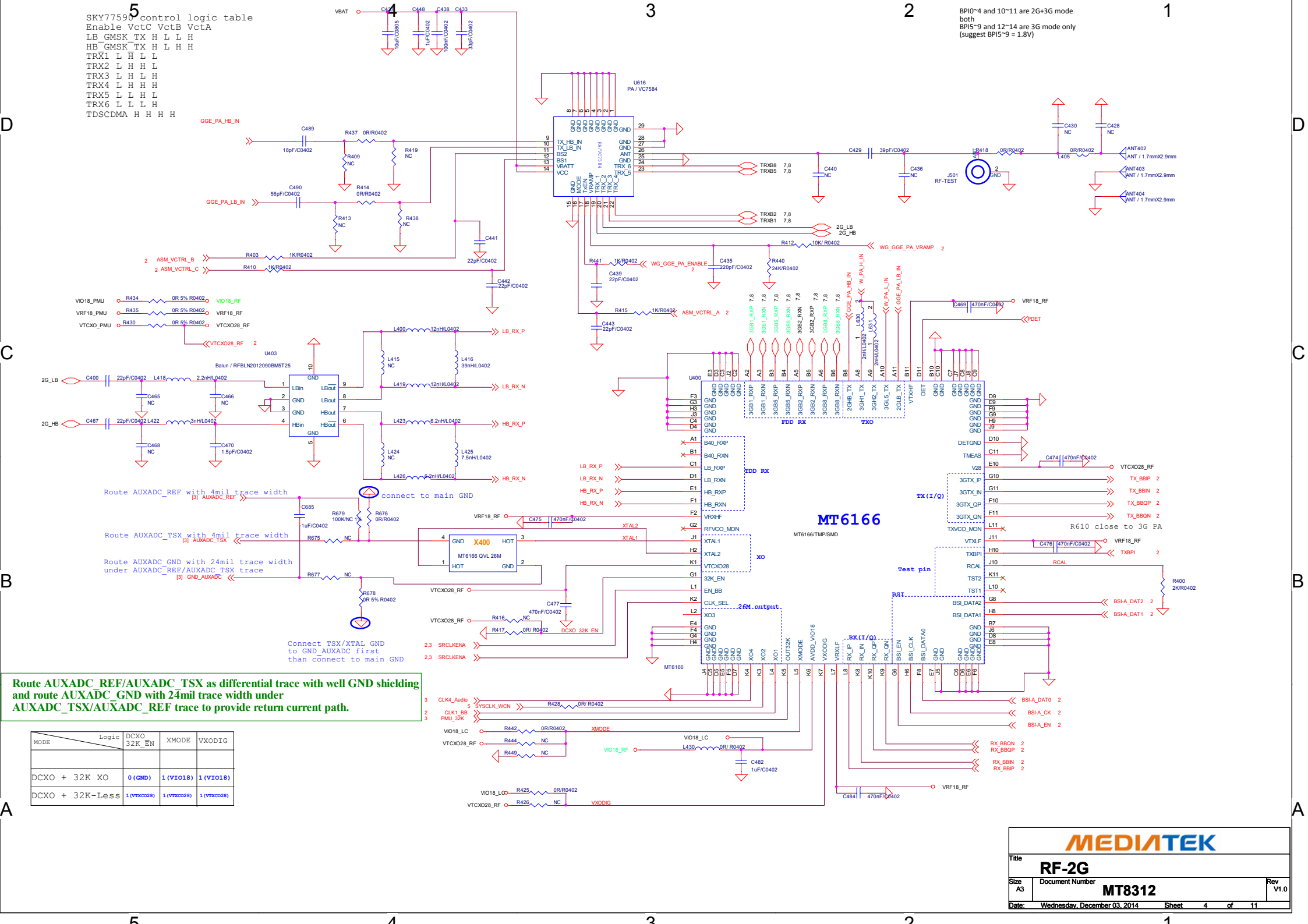




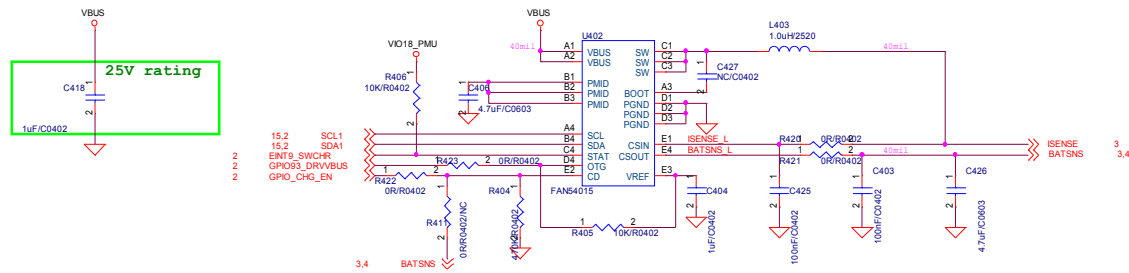
[illegible]

Buck	Output Voltage(V)	Output Current(mA)	Input Decoupling	Output Decoupling	Notes
VPROC	0.7-1.4	2800	>10uF	L=0.68uH,C=10uF*4	Total output cap >40uF
VPA	0.5-3.4	600	>4.7uF	L=2.2uH,C=2.2uF+2.2uF	Output cap range 4.4uF +/20
VSYS	2.2	1200	>10uF	L=0.68uH,C=10uF*2	Total output cap >20uF

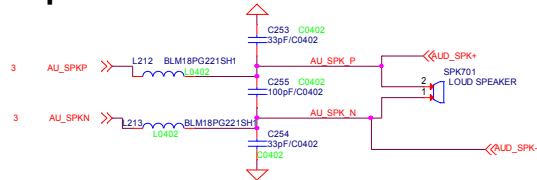
VDDO	Output Voltage(V)	Output Current(mA)	Bypass cap	cap range	Notes
VA	2.8	150	1uF	-20%~+20%	Far-end bypass cap
VCN28	2.8	30	1uF	-20%~+20%	Far-end bypass cap
VTXCO	2.8	40	1uF	-20%~+20%	Far-end bypass cap
VCAMA	2.8	150	3.2uF	-20%~+20%	1uF near-end 2.2uF Far-end bypass cap
VCN33	3.3/3.4/3.5/3.6	240	4.7uF	-20%~+20%	Far-end bypass cap
VRTC	2.8	2	0.1uF to 1000uF	-20%~+20%	Far-end bypass cap
VR1	1.241,39/1.54/1.84	700	10uF	-20%~+20%	Far-end bypass cap
VR18	1.825	200	1uF	-20%~+200%	Far-end bypass cap
VI018	1.8	300	4.7uF	-20%~+200%	Far-end bypass cap
VI028	2.8	200	2.2uF	-20%~+200%	Far-end bypass cap
VCN18	1.8	120	1uF	-20%~+20%	Far-end bypass cap
VCAMD	1.2/1.3/1.5/1.8	150	1uF	-20%~+20%	Far-end bypass cap
VCAM_IO	1.8	100	1uF	-20%~+20%	Far-end bypass cap
VEMC_3V3	3.0/3.3	400	4.7uF	-20%~+20%	Far-end bypass cap
VAC	1.8/2.3	1,80/3	10uF	-20%~+20%	Far-end bypass cap
VMCH	3.0/3.3	400	2.2uF	-20%~+20%	Far-end bypass cap
VUSB	3.3	20	1uF	-20%~+20%	Far-end bypass cap
VSM1	1.8/3.0	50	1uF	-20%~+20%	Far-end bypass cap
VSM2	1.8/3.0	50	1uF	-20%~+20%	Far-end bypass cap
VGP1	1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3	100	1uF	-20%~+20%	Far-end bypass cap
VBR	1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3	100	1uF	-20%~+20%	Far-end bypass cap
VGP2	1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3	100	1uF	-20%~+20%	Far-end bypass cap
VGP3	1.2/1.3/1.5/1.8	200	1uF	-20%~+20%	Far-end bypass cap
VCAM_AF	1.2/1.3/1.5/1.8/2.0/2.8/3.0/3.3	100	1uF	-20%~+20%	Far-end bypass cap
VDIG18	1.8	20	1uF	-20%~+20%	Far-end bypass cap



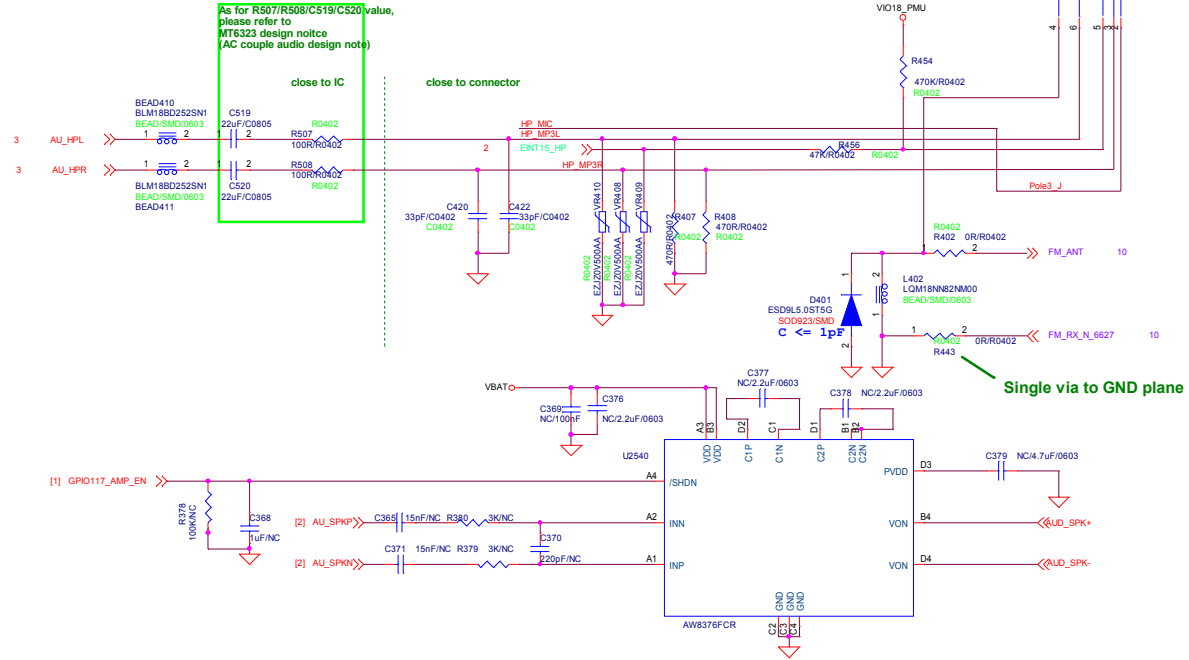
Switching Charger



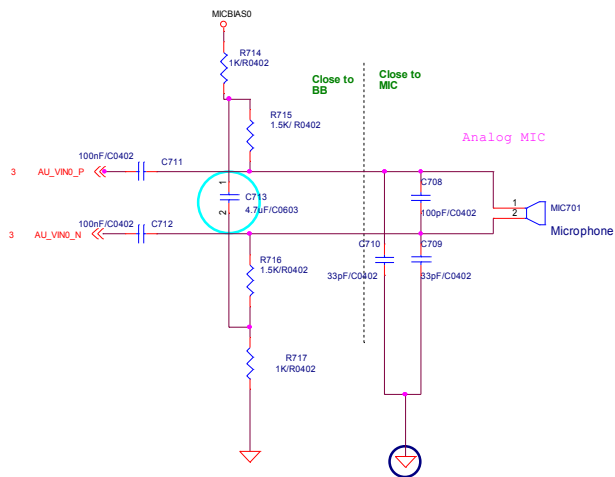
Speaker



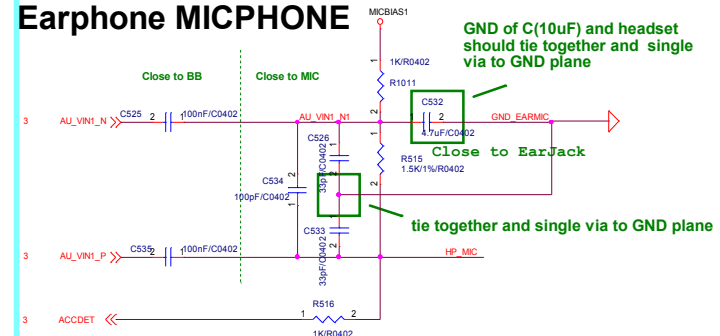
Earphone Audio



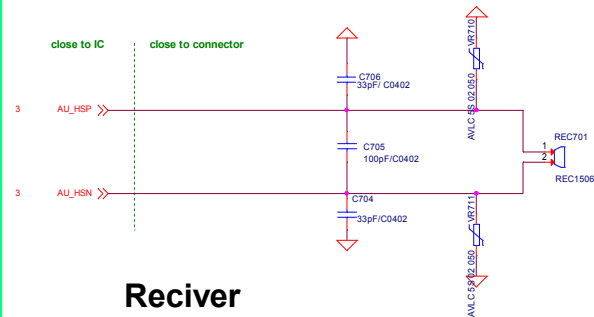
Microphone

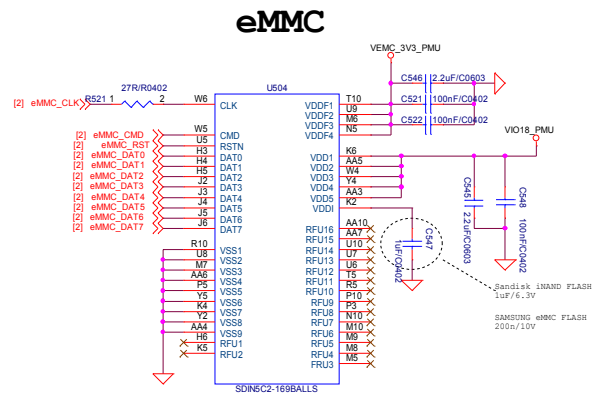


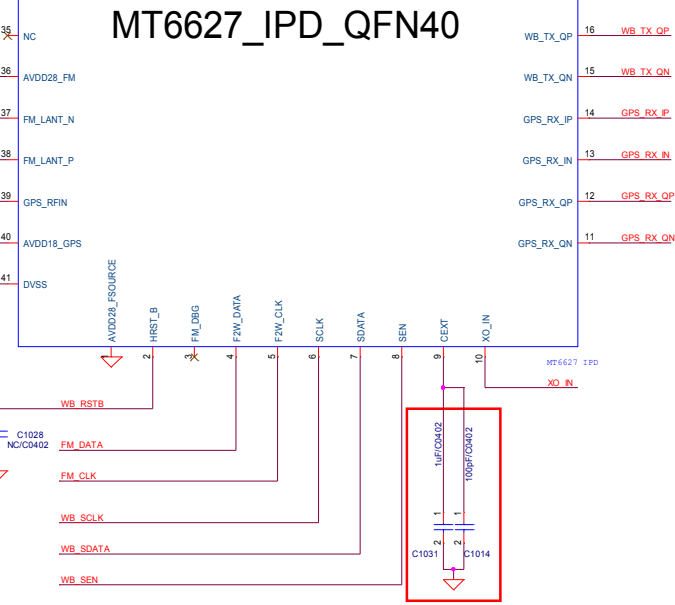
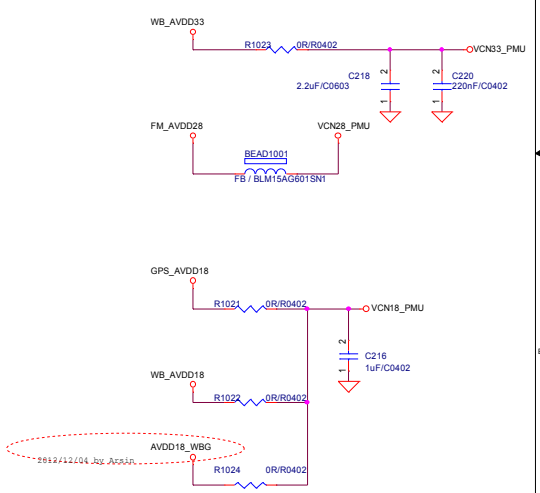
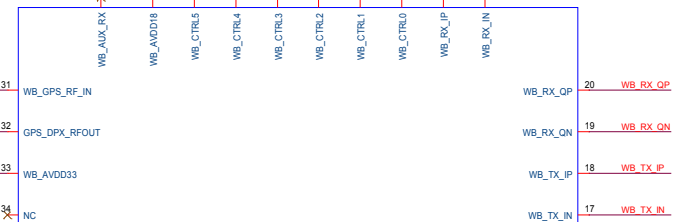
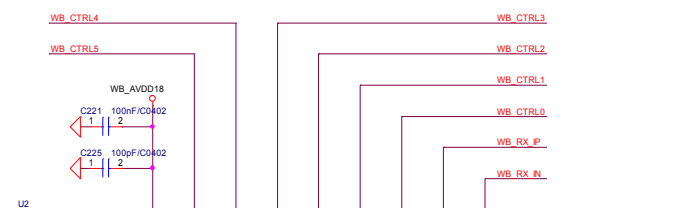
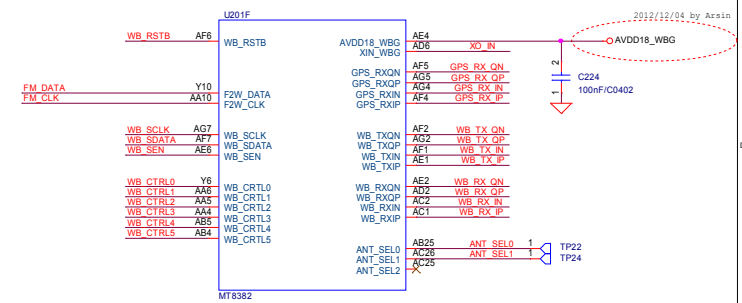
Earphone MICPHONE

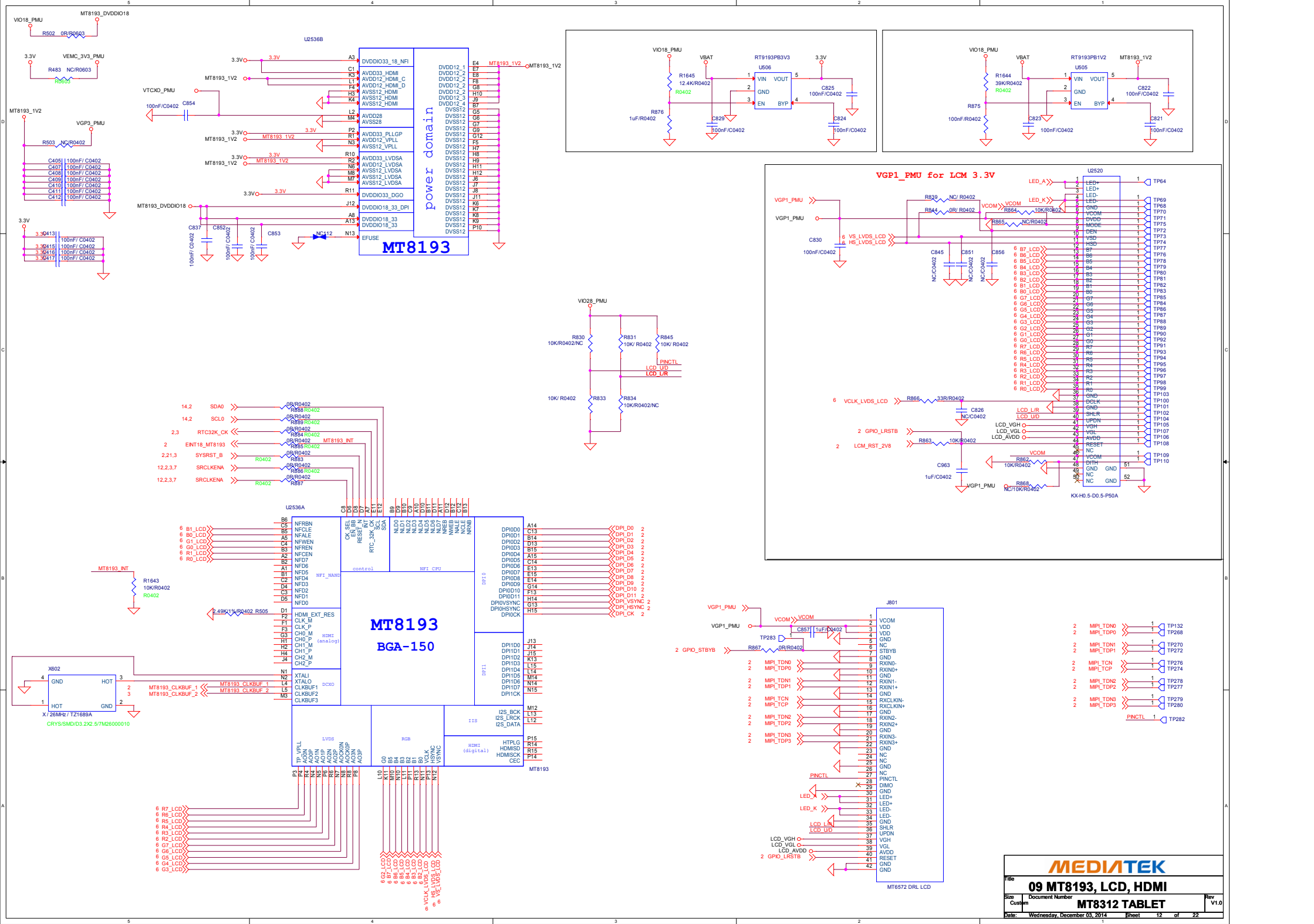


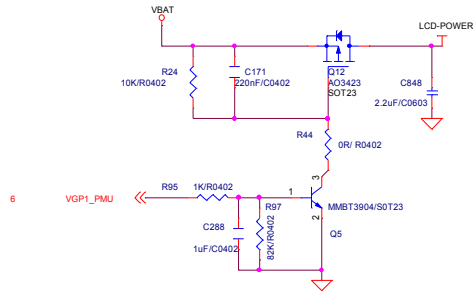
Reciver



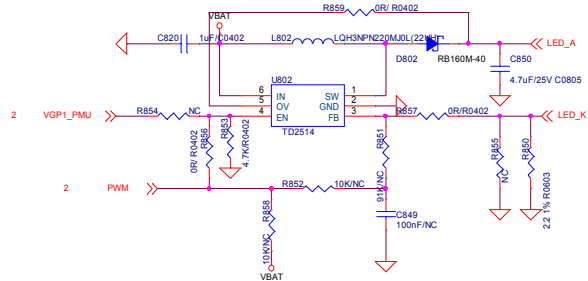
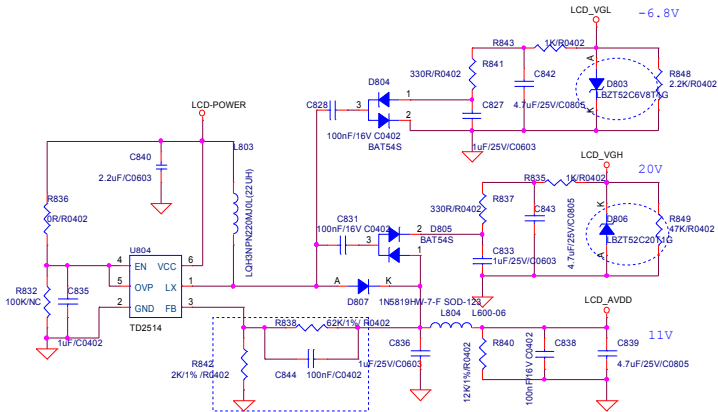
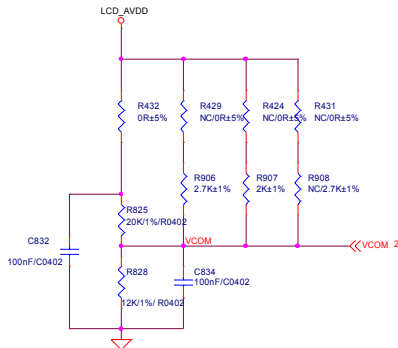




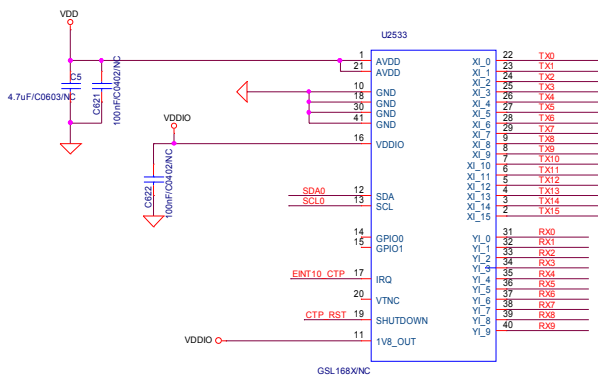




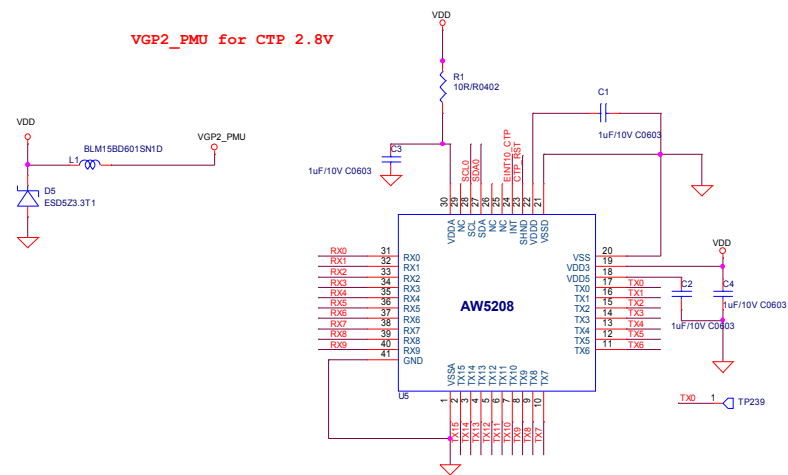
DVDD	3.0 ~ 3.6v	(typ. 3.3v)
AVDD	10.8 ~ 11.2v	(typ. 11.0v)
VGH	19.7 ~ 20.3v	(typ. 20.0v)
VGL	-7.1 ~ -6.5v	(typ. -6.8v)
VCOM	3.46 ~ 3.86v	(typ. 3.66v)



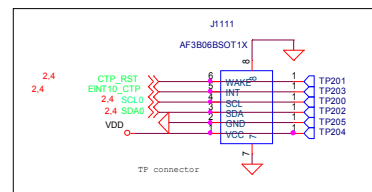
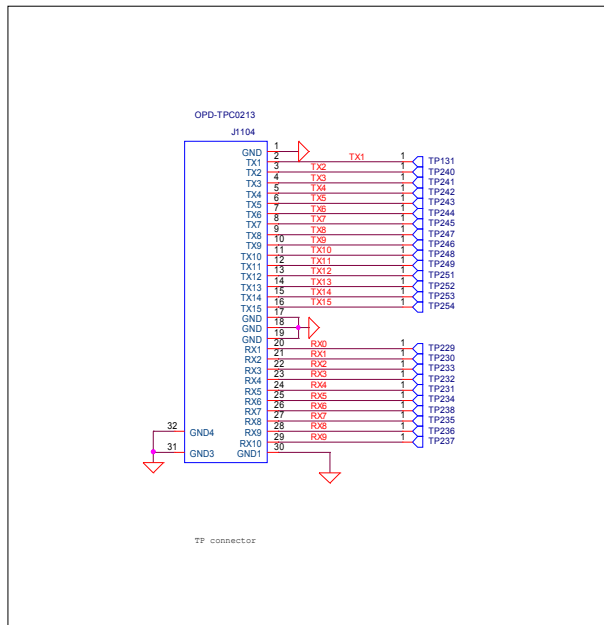
LED Backlight Driver



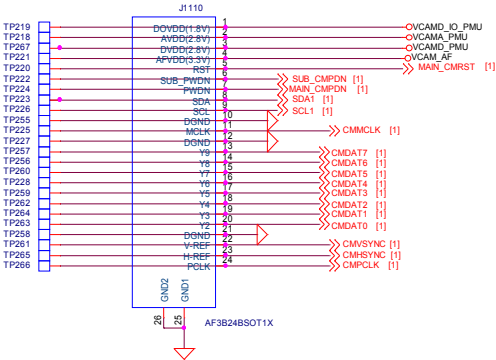
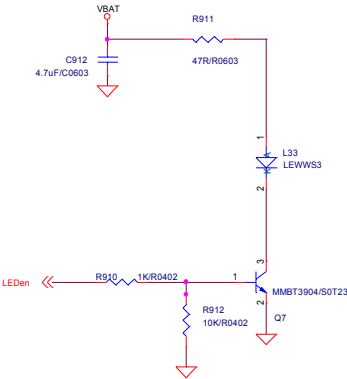
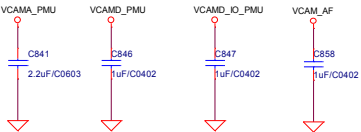
VGP2_PMU for CTP 2.8V



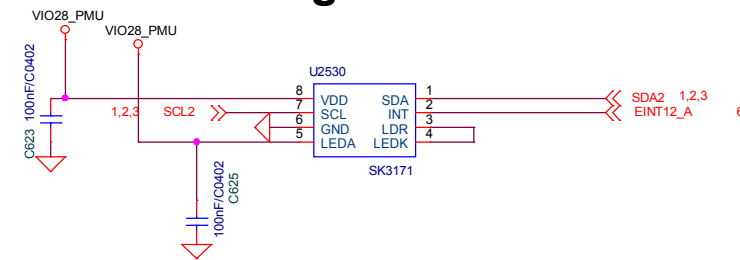
Touch Panel IC circuit



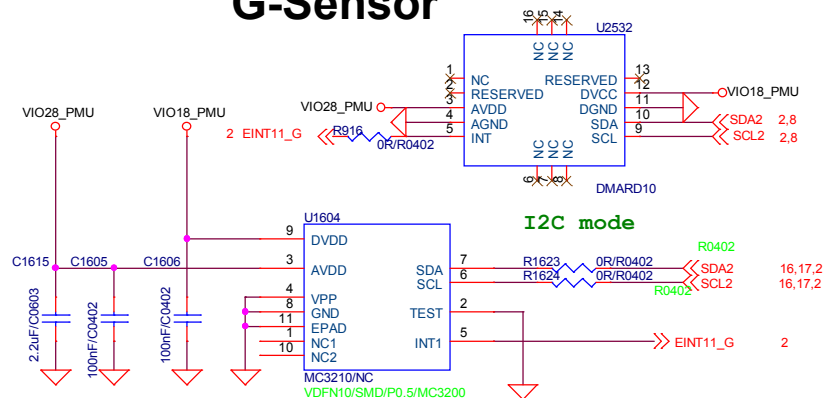
Main/Sub Camera



Light-Sensor



G-Sensor

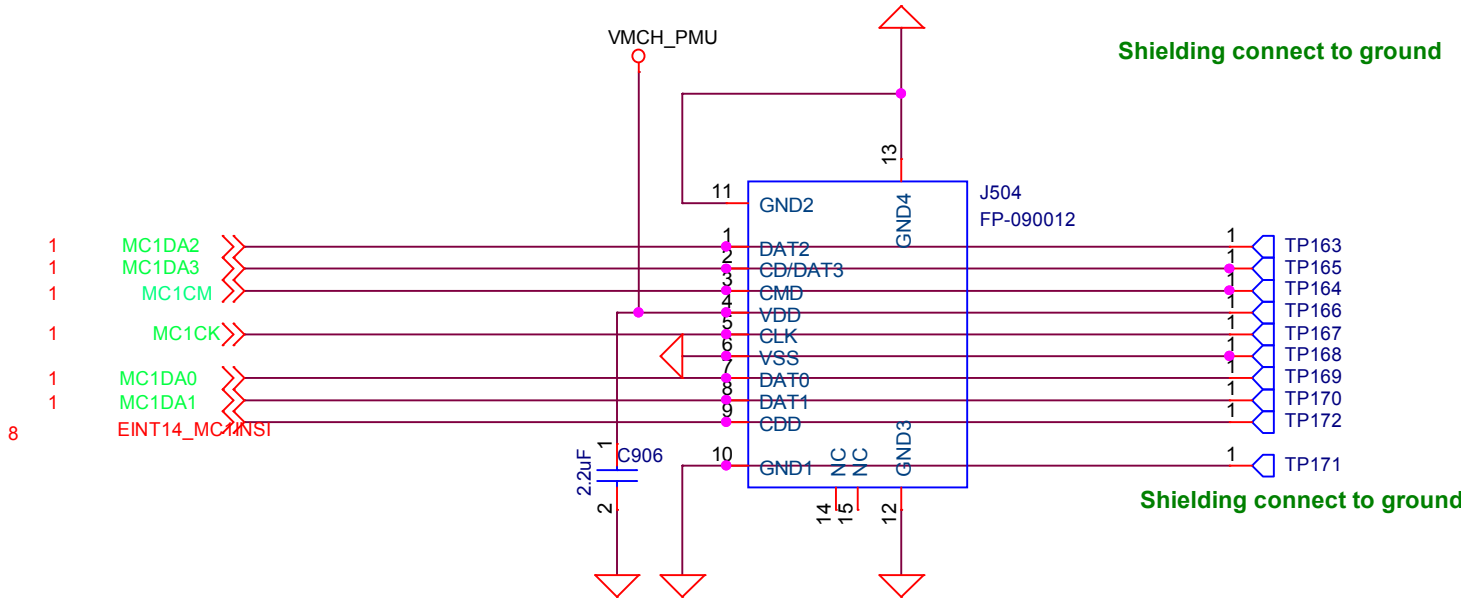


I2C Address: 0x4C (Write:0x98, Read:0x99)

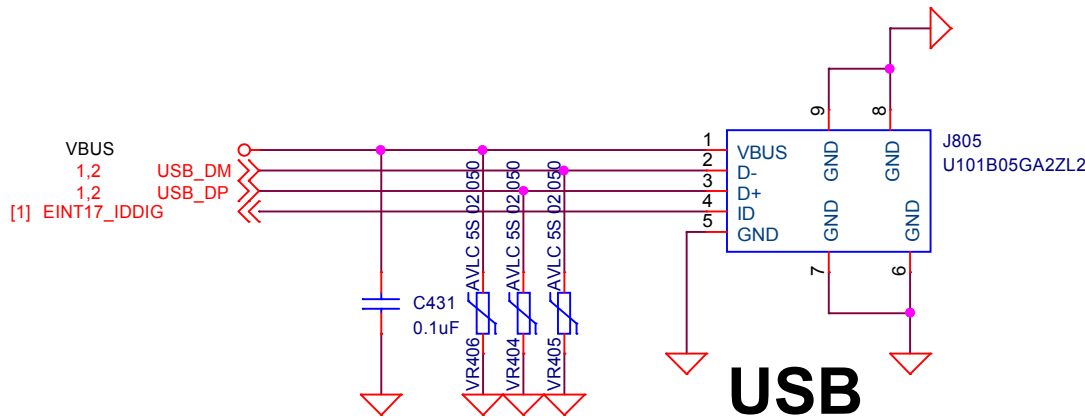
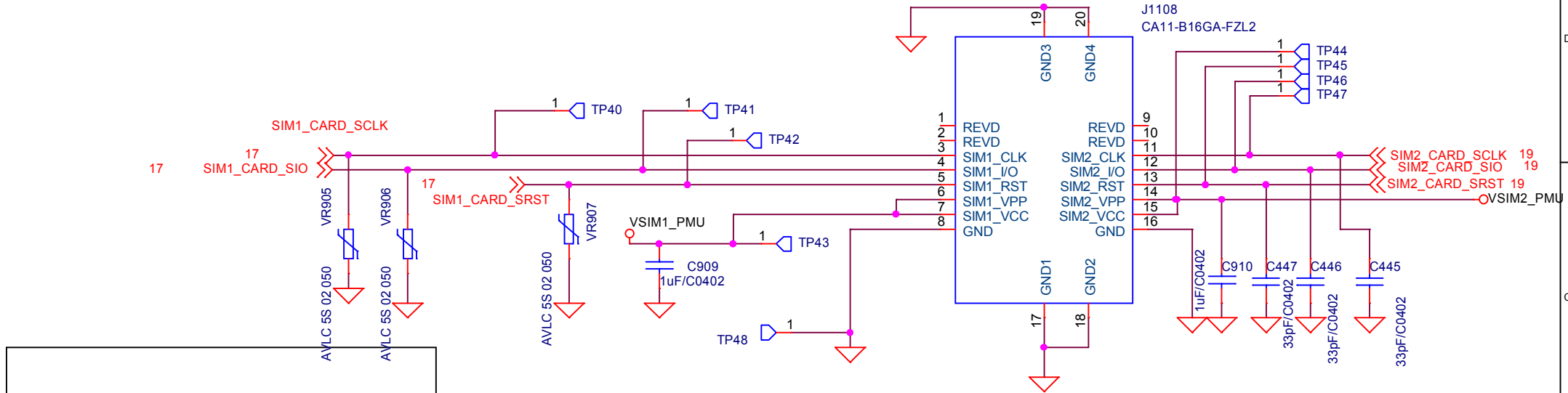
MEDIATEK

Title		
21 Sensors, OFN (Key)		
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SD CARD

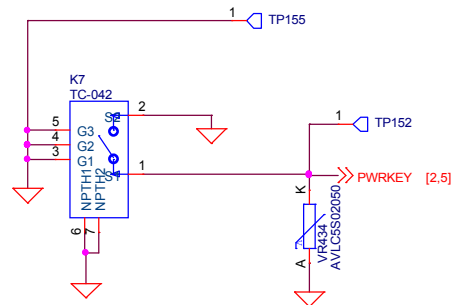
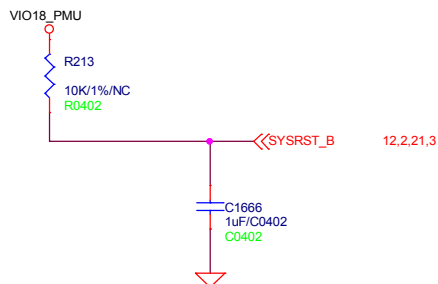
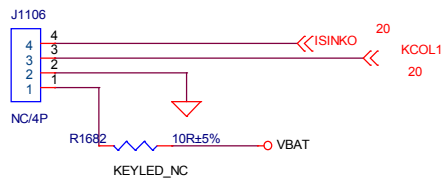
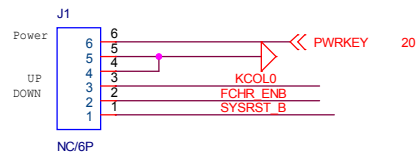


SIM



USB

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19 Dual SIM, IC-USB		
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	KCOL0	KCOL1	KCOL2
KROW0		KEY 2	KEY 5
KROW1	KEY 1	KEY 3	KEY 6
KROW2		KEY 4	KEY 7

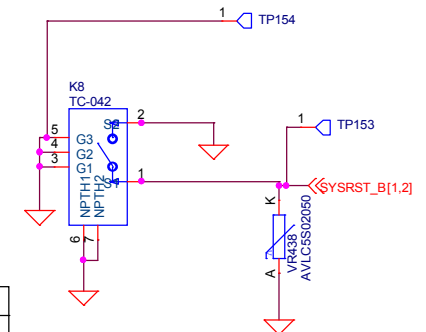
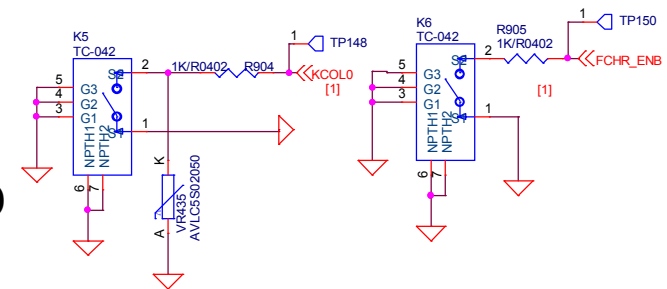
Notice :

There are 3 options for "Long press to shutdown" function

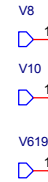
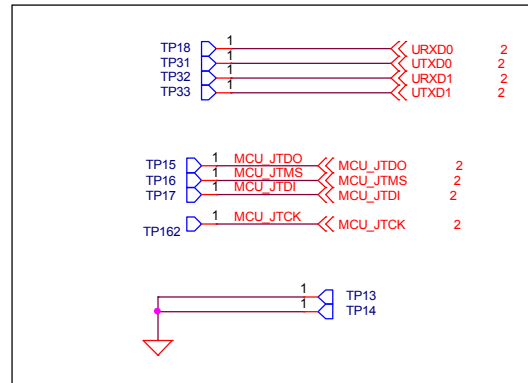
- 1.PWRKEY + FCHR_ENB
- 2.PWERKEY only
- 3.FCHR_ENB only

During download mode, defalut = PWRKEY + FCHR ENB
For other case (exclude download mode), defalut = PWERKEY only

LED



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20 Key LEDs			
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Net	Aux Func.0	Aux Func.1	Aux Func.2	Aux Func.3	Aux Func.4	Aux Func.5
JTMS	GPIO76	B1:JTMS	I1:CONN_MCU_TMS			
JTCK	GPIO77	I0:JTCK	I0:CONN_MCU_TCK1			
JTDI	GPIO78	I1:JTDI	I0:CONN_MCU_TDI			
JTDO	GPIO79	O:JTDO	O:CONN_MCU_TDO			
EINT1	GPIO1	O:PWM2	O:DPI_D5	I0:MD_EINT1	O: TDD_TDO	O:CONN_MCU_TDO
EINT2	GPIO2	O:CLKM0	O:DPI_D6	I0:MD_EINT2		O:CONN_MCU_DBGACK_N
EINT3	GPIO3	O:CLKM1	O:DPI_D7	I0:SPI_MI	I0:MD_EINT3	I1:CONN_MCU_DBGI_N
EINT4	GPIO4	O:CLKM2	O:DPI_D8	O:SPI_MO	I1:TDD_TCK	I0:CONN_MCU_TCK0
EINT5	GPIO5	I1:UCTS2	O:DPI_D9	O:SPI_CS	I1: TDD_TDI	I0:CONN_MCU_TDI
EINT6	GPIO6	O:URTS2	O:DPI_D10	O:SPI_CK	I0:TDD_TRSTN	I0:CONN_MCU_TRST_B
EINT7	GPIO7	I1:UCTS3	O:DPI_D11	B1:SDA1	I1: TDD_TMS	I1:CONN_MCU_TMS
ANT_SEL0	GPIO47	O:ANT_SEL0	O:PWM0	O:CONN_MCU_DBGACK_N		
ANT_SEL1	GPIO48	O:ANT_SEL1	O:PWM1	I1:CONN_MCU_DBGI_N		
ANT_SEL2	GPIO49	O:ANT_SEL2	O:PWM2	I0:CONN_MCU_TRST_B		

Title 97 Debug		
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