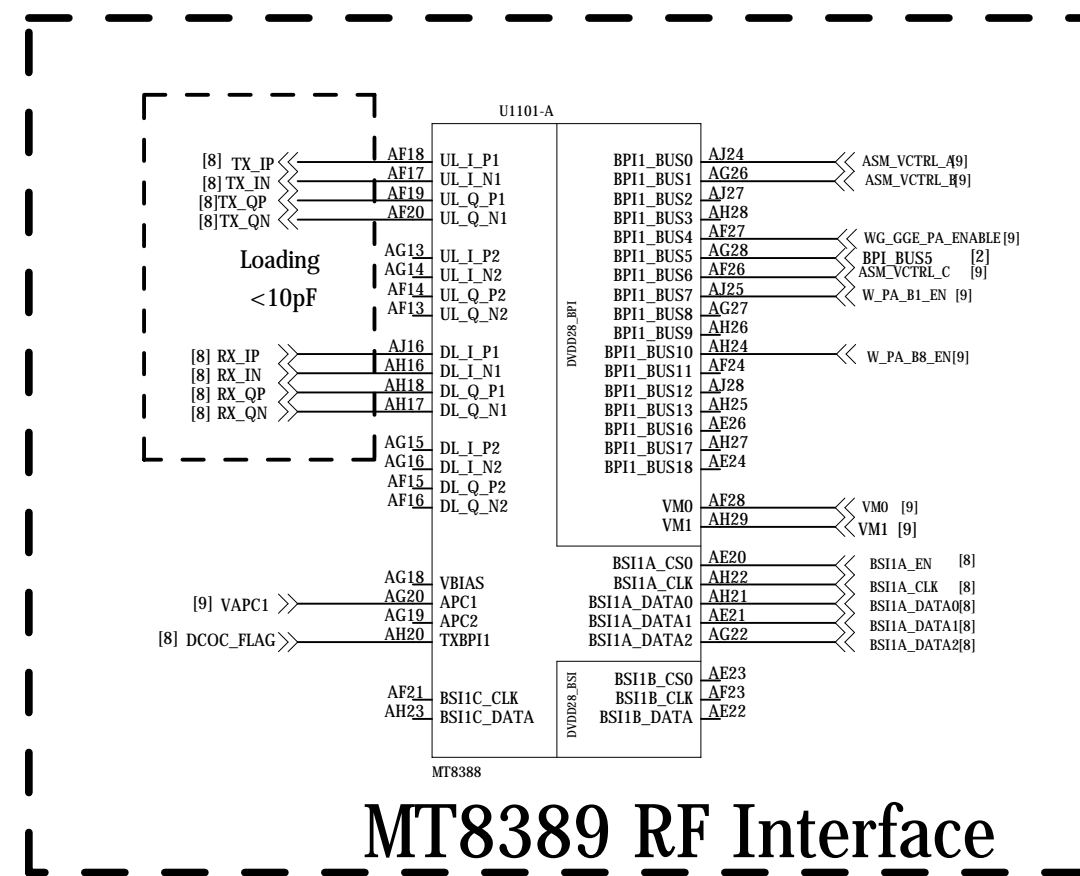
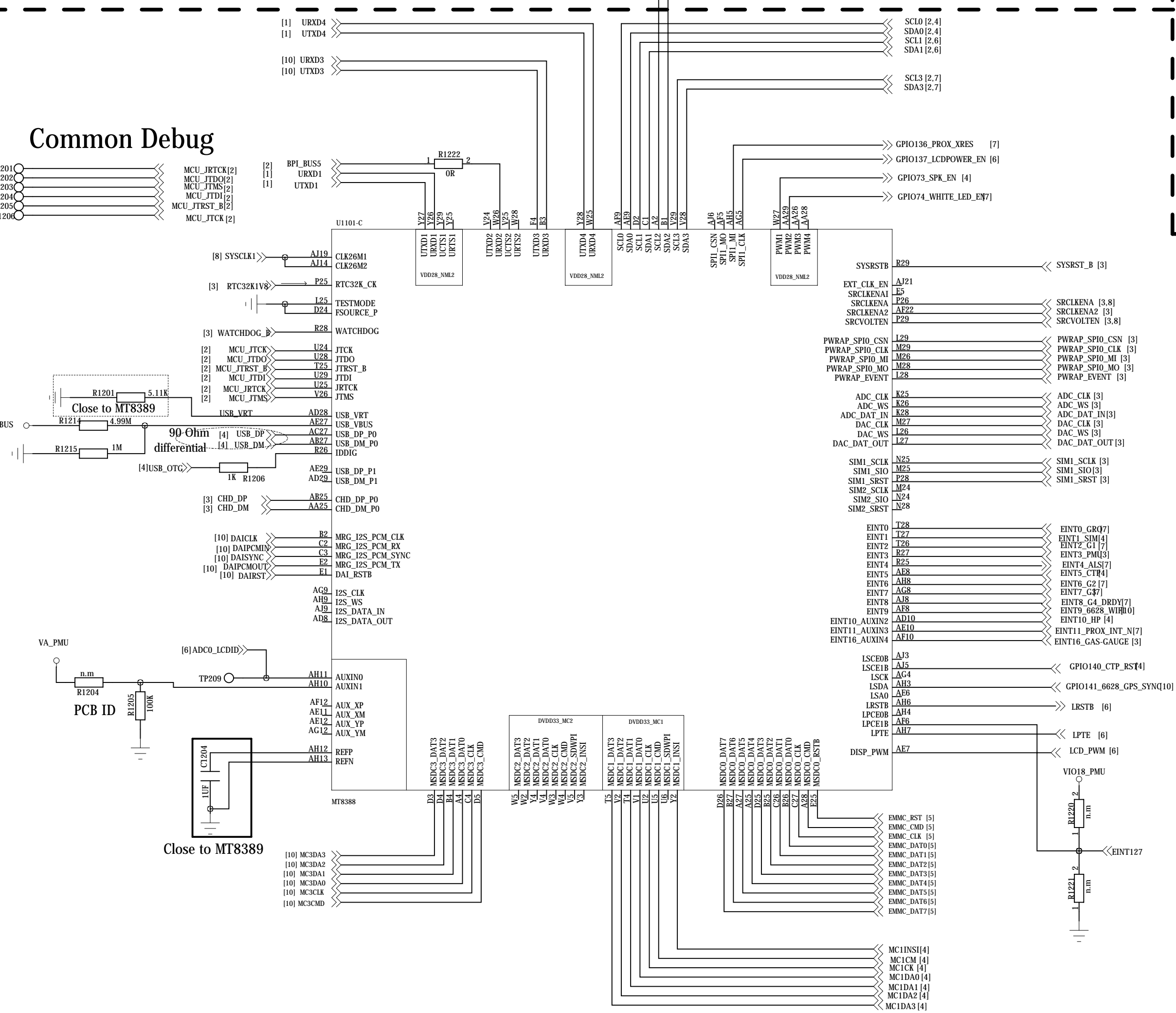


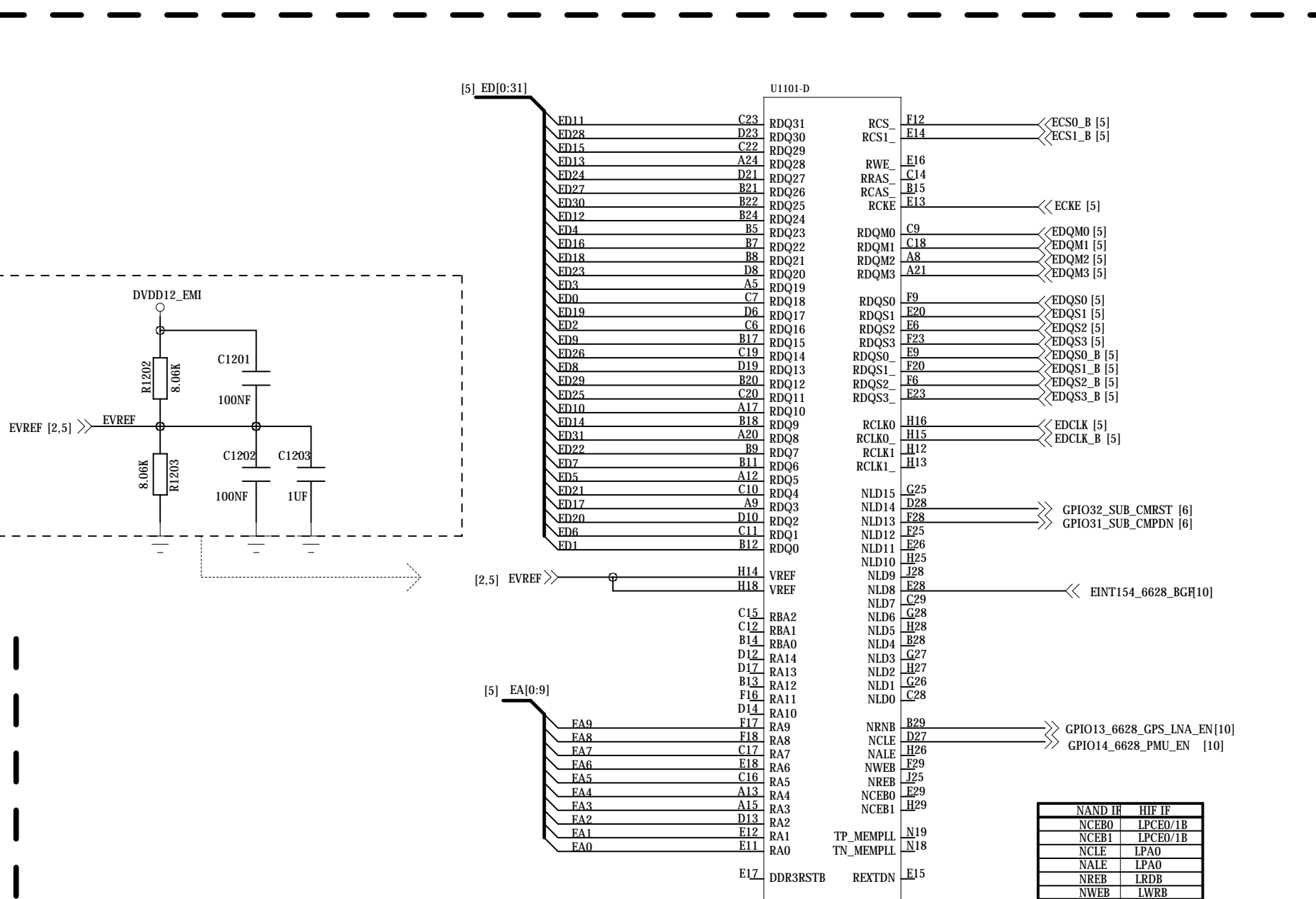
REVISION RECORD			
LTR	ECO NO.	APPROVED:	DATE:



MT8389 RF Interface



MT8389 General Interface and GPIO



MT8389 Memory Interface

EINT0 : Reserved
EINT1 : P-Sensor
EINT2 : G-sensor
EINT3 : PMIC
EINT4 : Reserved
EINT5 : CTP
EINT6 : G-sensor
EINT7 : Reserved
EINT8 : Reserved
EINT9 : MT6620 BGF
EINT11 : Reserved
EINT16 : Reserved

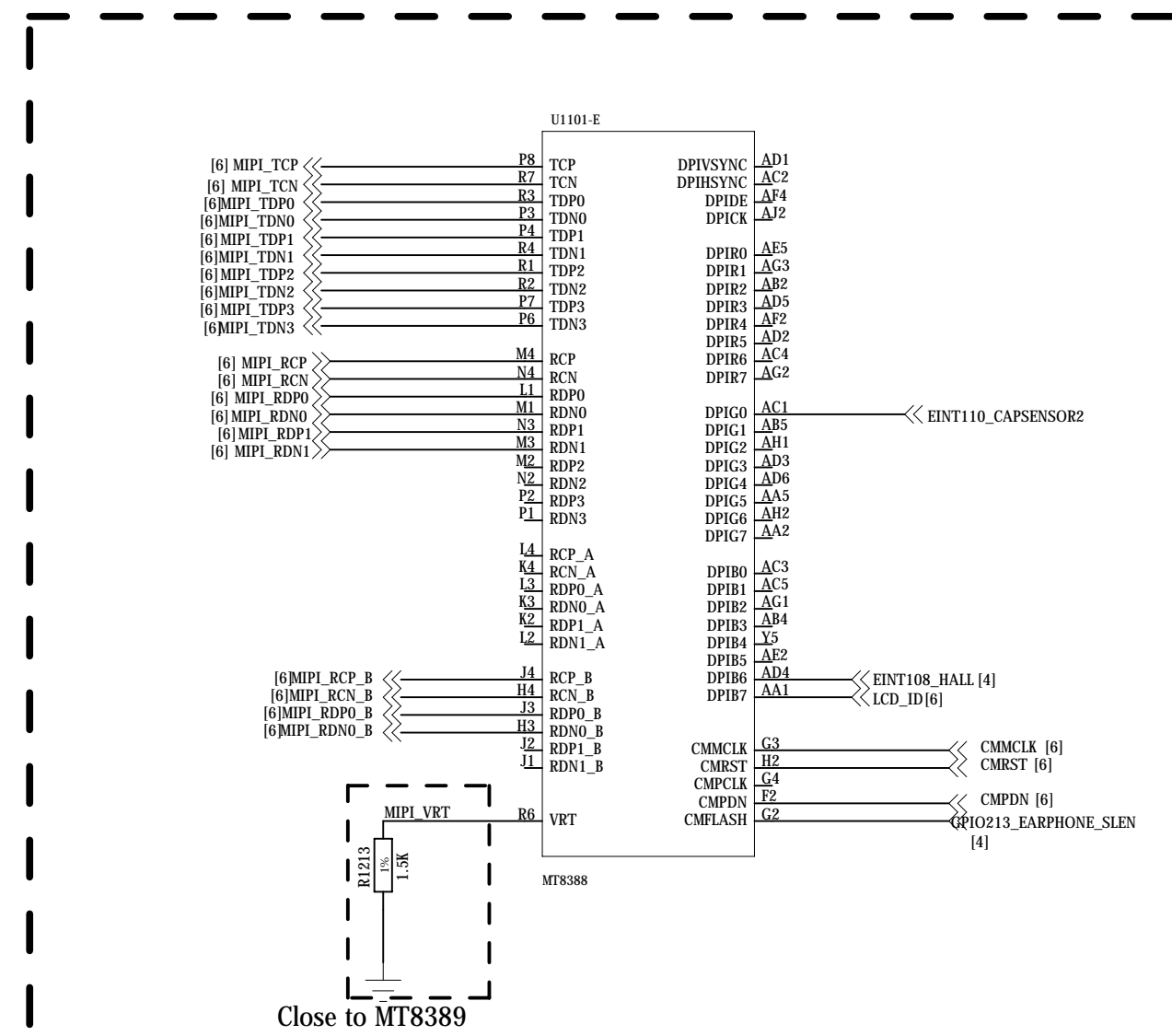
PWM1 : GPIO
PWM2 : GPIO
PWM3 : GPIO
PWM4 : GPIO

UART1: Debug
UART2: GPIO_BSI2 (2nd Talk)
UART3: MT6628
UART4: Debug

I2C0 : CTP
I2C1 : Main Camera / Sub Camera
I2C2 : Main 3D Camera
I2C3 : G/M/GYRO/ALS sensor
I2C4 (PMIC) : MHL
I2C5 (PMIC) : NFC
I2C6 (PMIC) : Charger, T sensor
@ 3D Camera need to use I2C1/I2C2

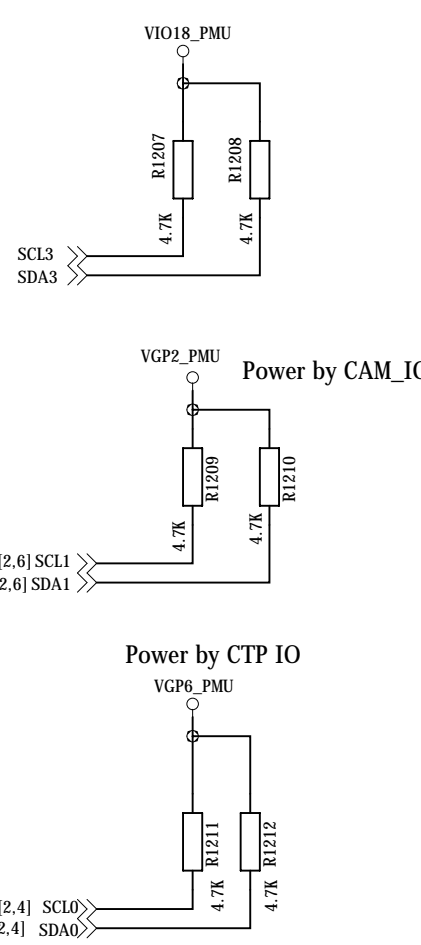
I2S : MHL

MSDC0 : eMMC
MSDC1 : T-Card
MSDC2 : GPIO_BPI2 (2nd Talk)
MSDC3 : MT6628



MT8389 LCD and Camera Interface

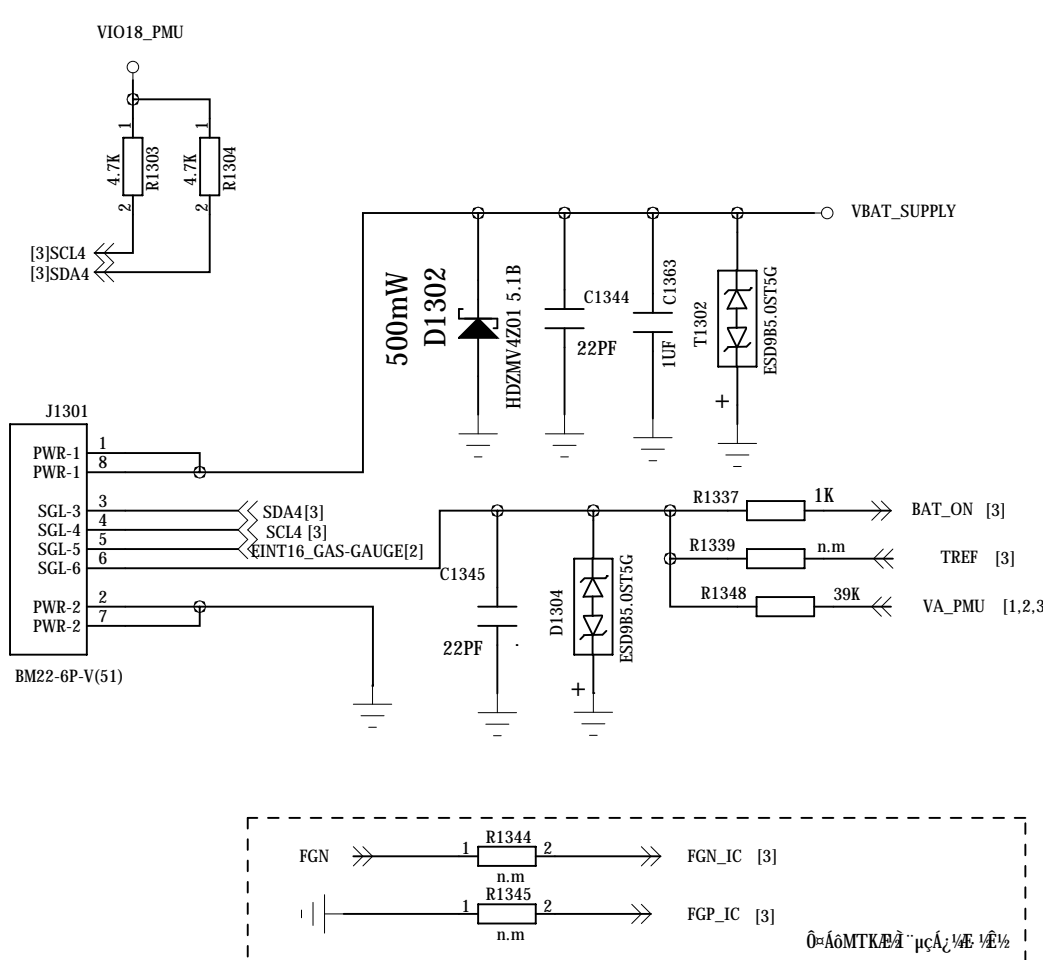
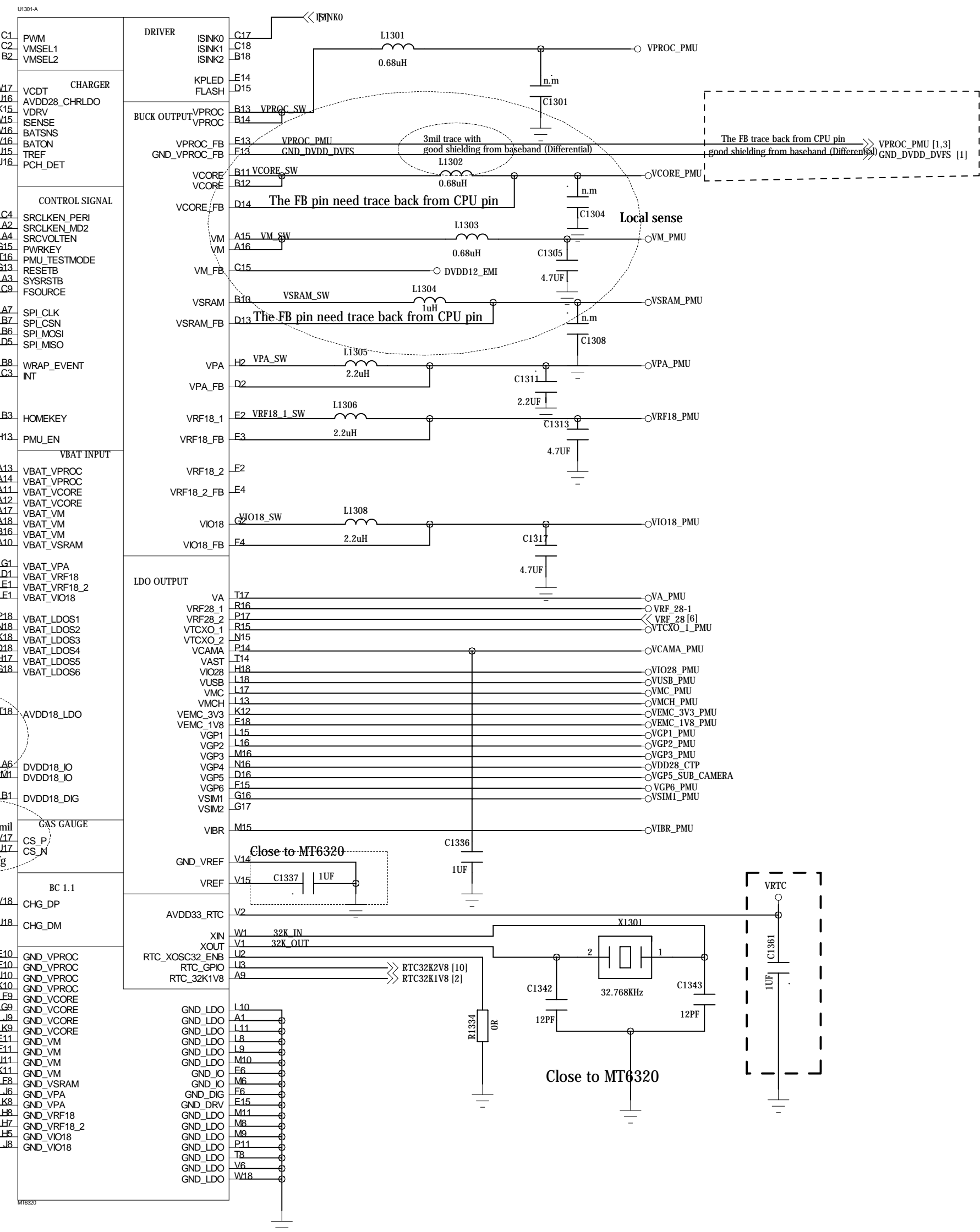
MT8389 I2C pull up res



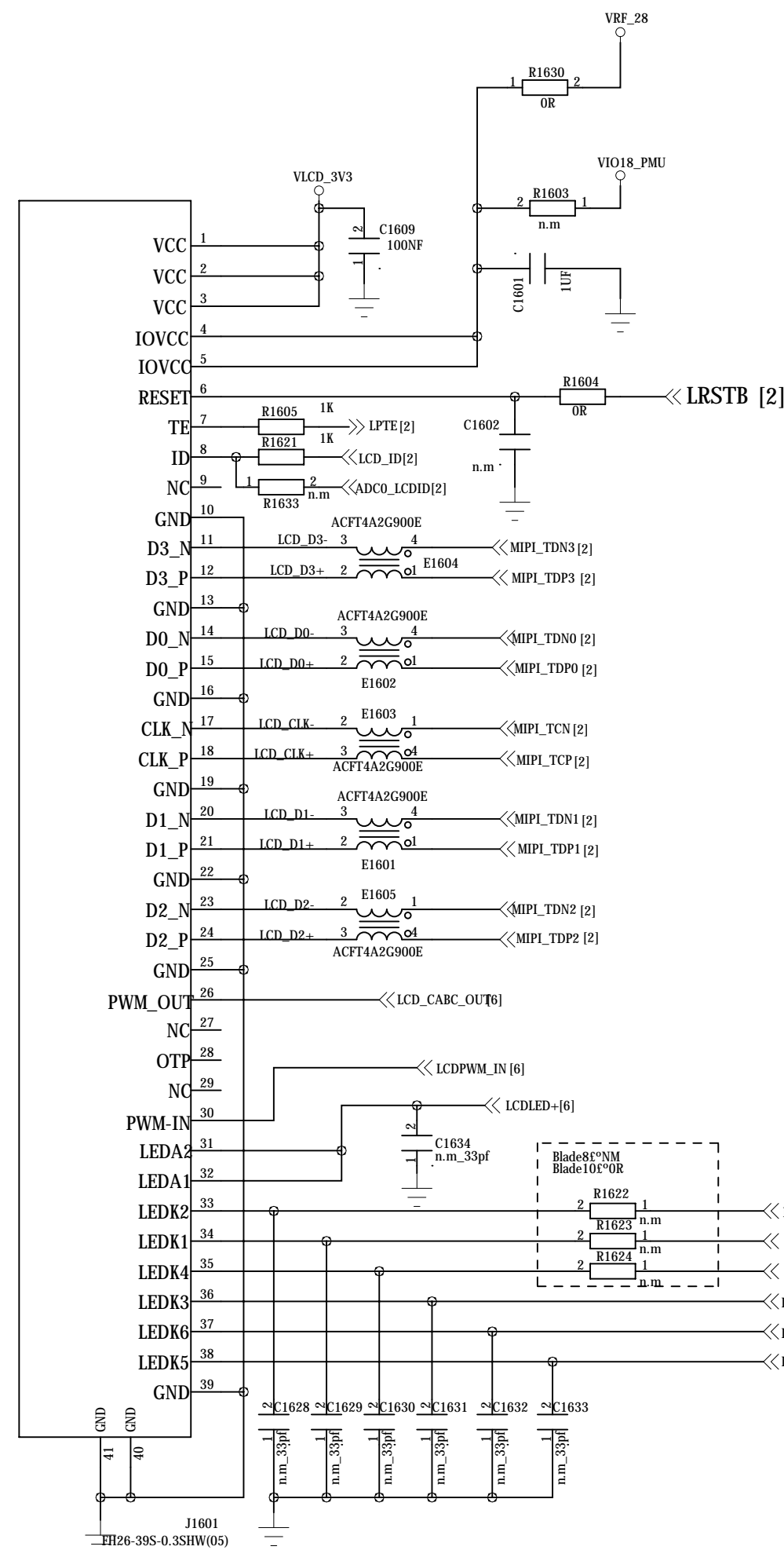
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TITLE:			
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CHECKED:	DATED:	DRAWING NO:	REV:
QUALITY CONTROL:	DATED:		
RELEASED:	DATED:	SCALE:	SHEET: OF

COMPANY:			
TITLE:			
CODE:	SIZE:	DRAWING NO:	REV:
SCALE:	SHEET: OF		

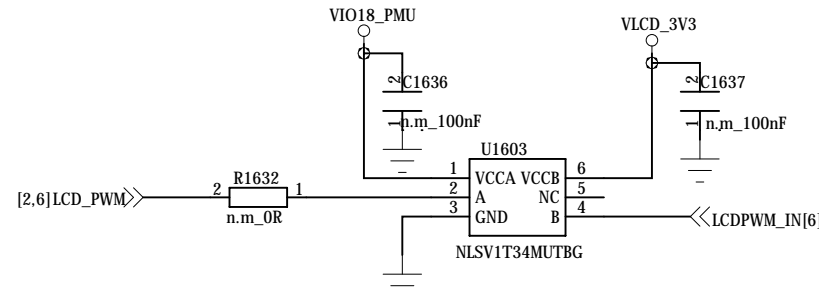
Symbol	Application	Vout (V)	Iout (mA)
VPROC	CPU	0.7~1.4 (DC/DC+PTP)	2000
VCORE	MDSYS/Infra	0.7~1.4 (DC/DC)	1200
VM	VM	1.2/1.35/1.5	1100
VSRAM	Memory	0.7~1.4 (DC/DC+PTP)	600
VPA	3GPA	0.5~3.4 (50mV/step)	600
VRF18	1st RF	1.825	300
VRF18_2	2nd RF	1.825	450
	GPU OD	1.05~1.25 (500mV/step)	
VIO18	IO App.	1.8	600
VA	ABB	1.8/2.5	60
VA28	Audio Block	2.8	40
VRF28_1	MDSYS	2.85	200
VRF28_2	General	1.8/2.85	200
VTXCO_1	MDSYS	2.8	40
VTXCO_2	MDSYS	1.8/2.8	40
VCAMA	VCAMA	1.5/1.8/2.5/2.8	200
VIO28		2.8	400
VAST	LVDS bridge	0.9/1.0/1.1/1.2	300
VUSB		3.3	200
VMC	T-Card	1.8/3.3	200
VMCH	T-Card	3.0/3.3	800
VEMC_3V3	eMMC (Core)	3.0/3.3	800
VEMC_1V8	eMMC	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VGPI	VCAMD	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	400
VG2P	VCAM_IO	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VG3P	VCAM_AF	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VG4P	CTP/CMMB	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VG5P	CTP/CMMB	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VG6P	CTP/CMMB	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VSIM1	VSIM1	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VSIM2	VSIM2	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VIBR	Vibrator	1.2/1.3/1.5/1.8/2.5/2.8/3.0/3.3	200
VRTC	RTC Block	2.8	



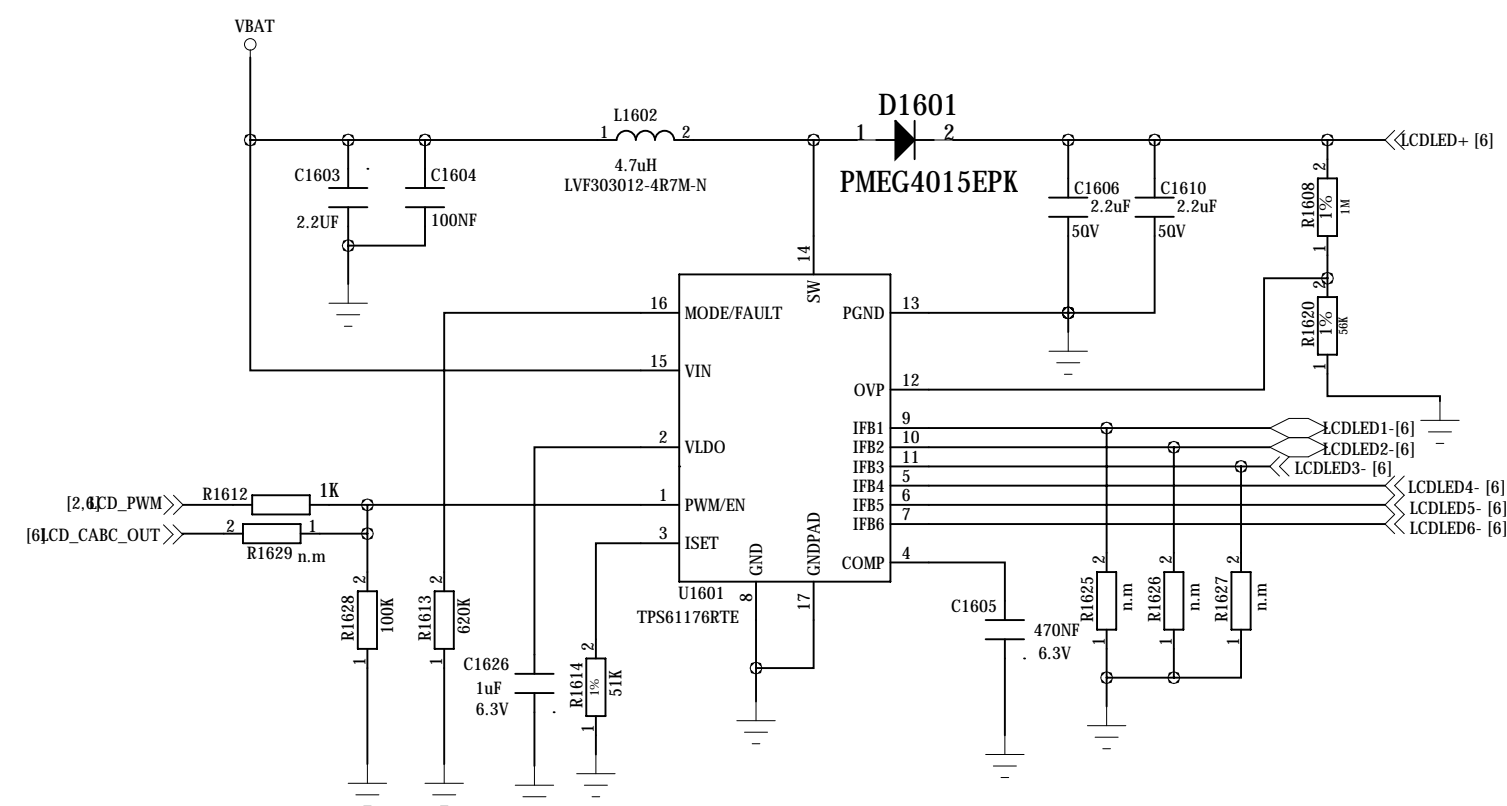
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:



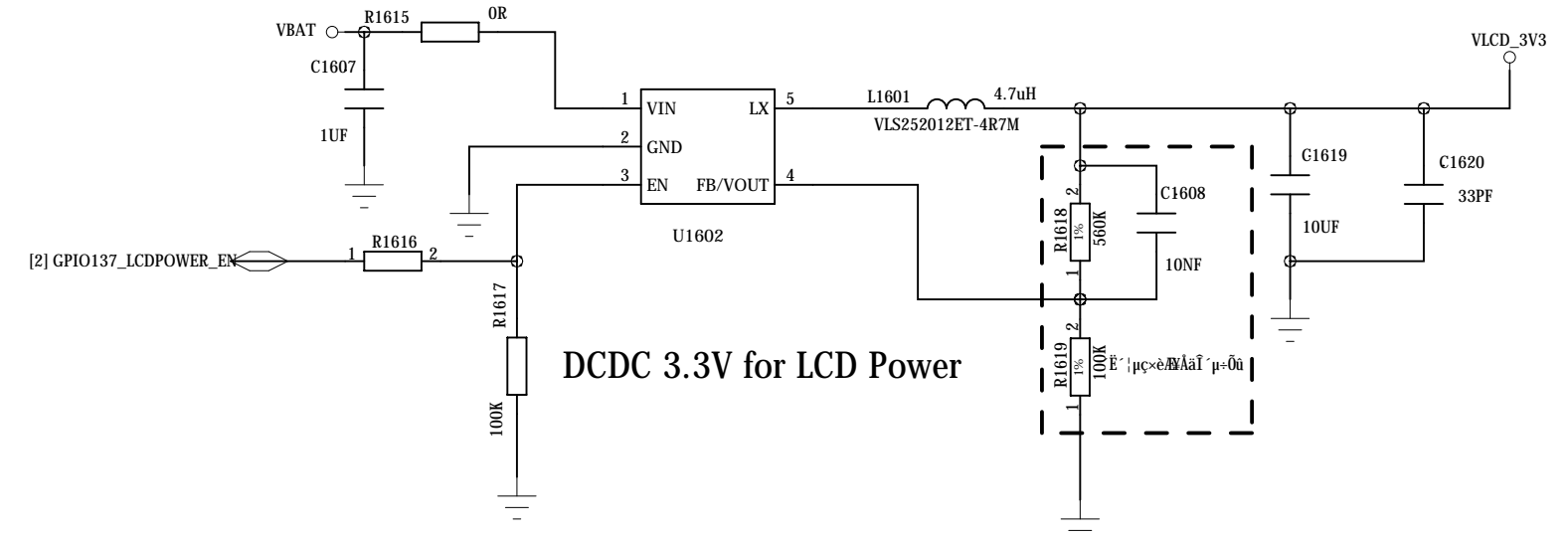
1280*720 LCD interface



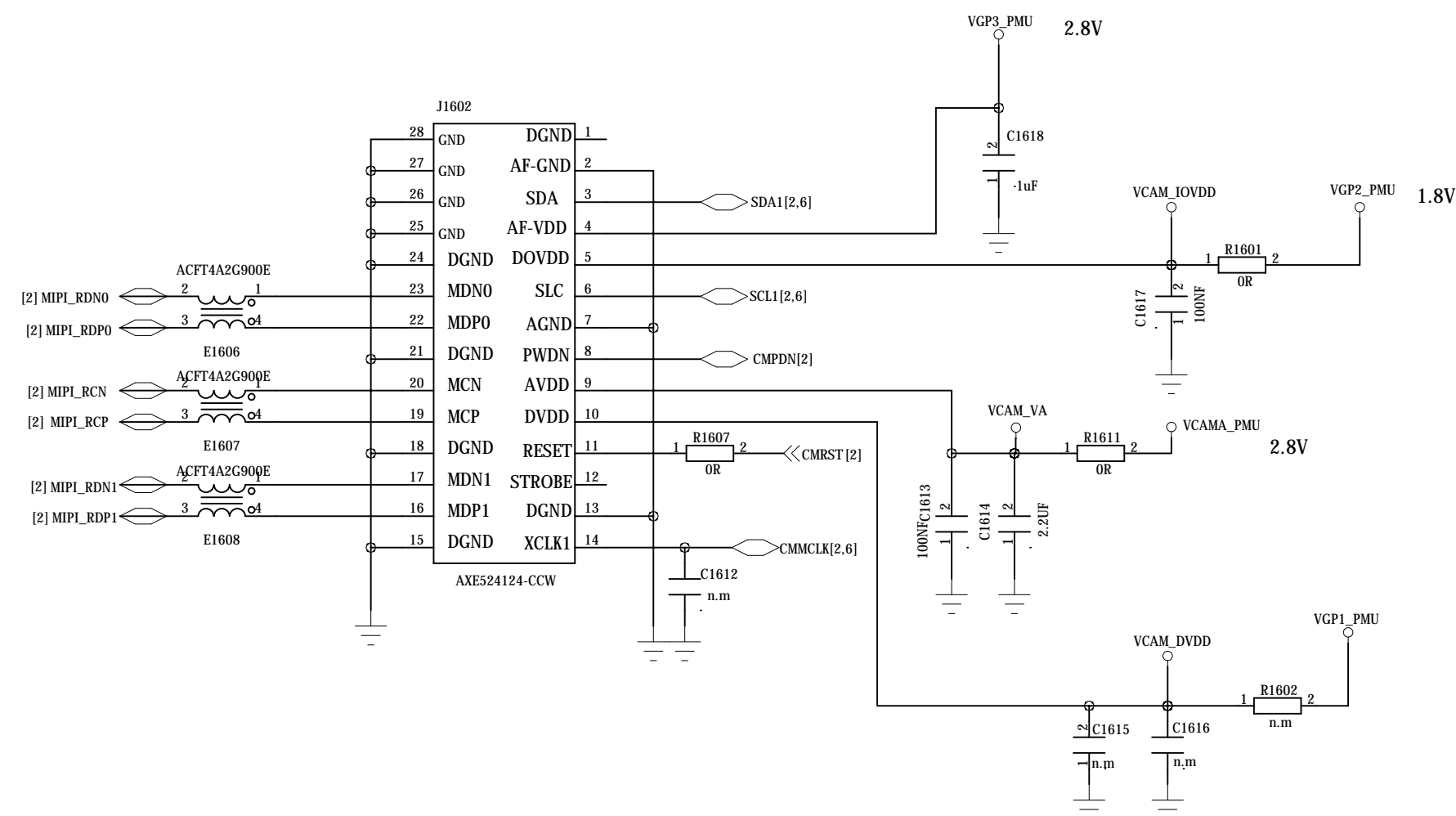
LevelShift For LCD CABC in Blade8 NM Blade10 ON



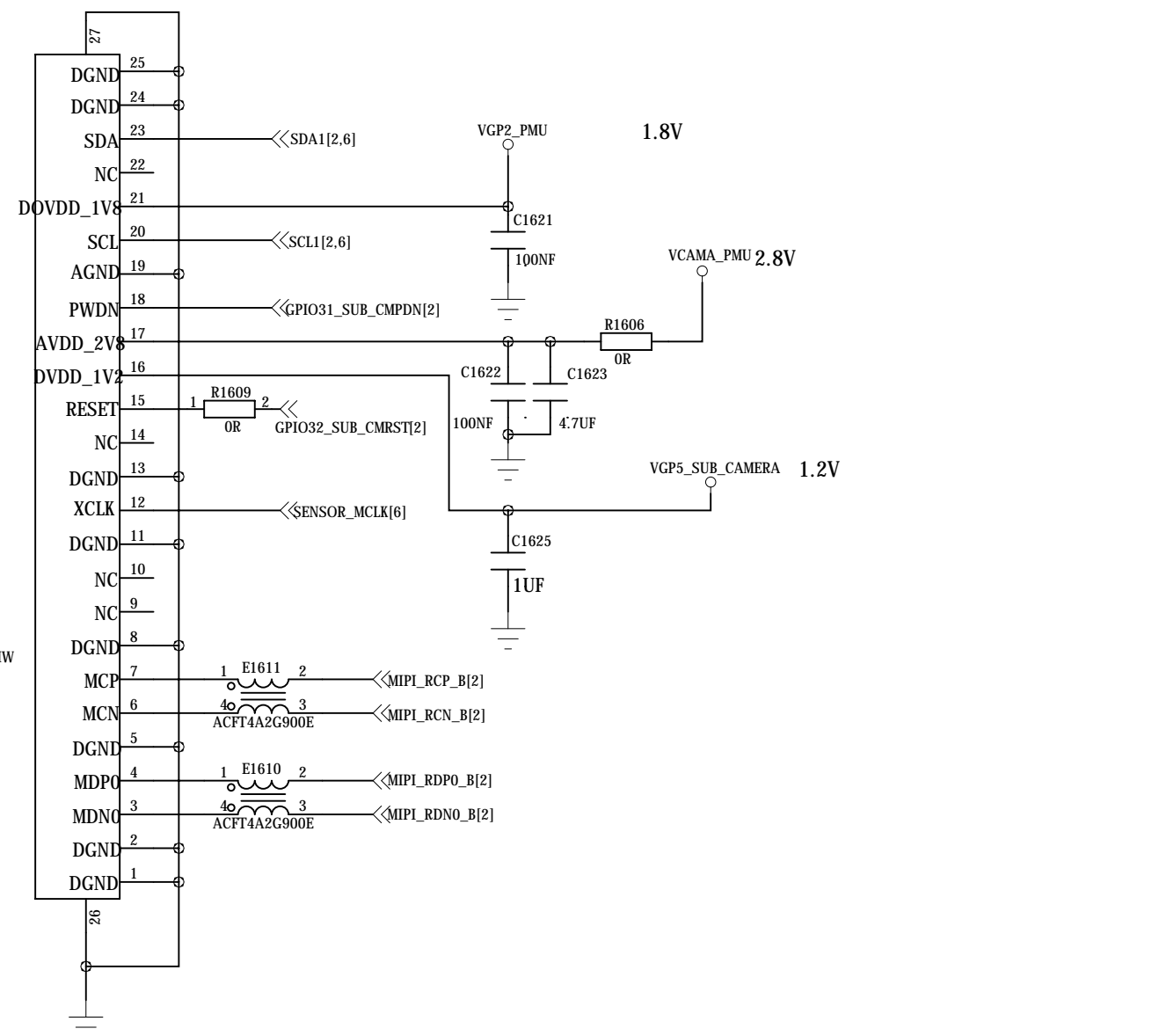
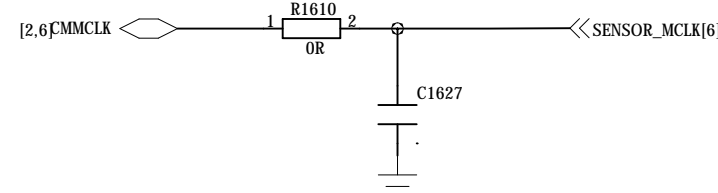
LCD Backlight Driver IC



DCDC 3.3V for LCD Power



5M Main Camera

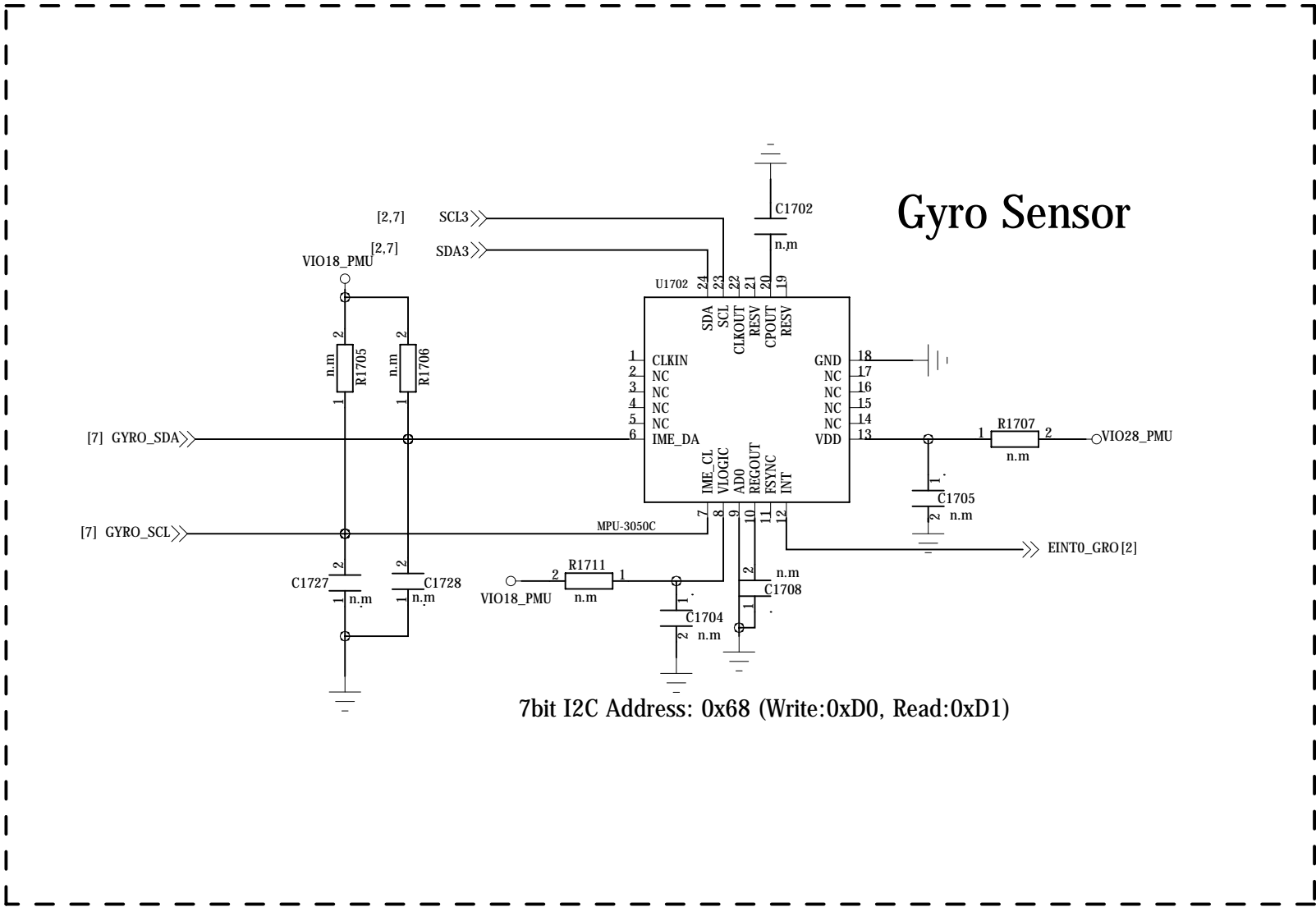


1.6M front Camera
Sensor:OV9760
Module:P1V04B

		COMPANY:			
		TITLE:			
DRAWN:	DATED:				
CHECKED:	DATED:	CODE:	SIZE:	DRAWING NO:	REV:
QUALITY CONTROL:	DATED:				
RELEASED:	DATED:	SCALE:		SHEET: OF	

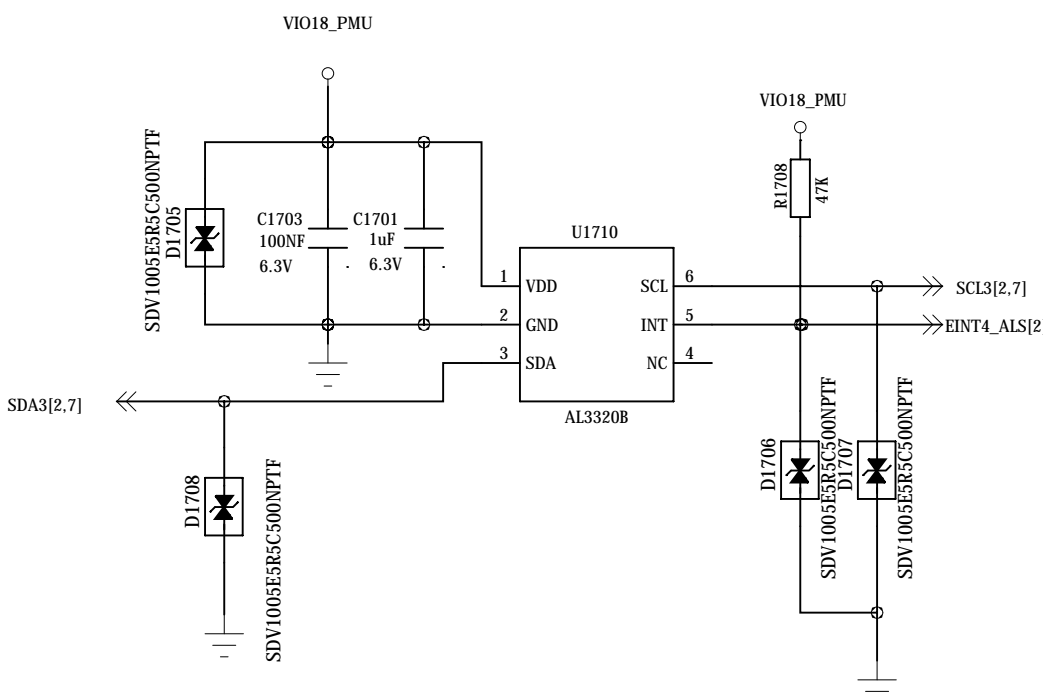
REVISION RECORD			
LTR	ECO NO:	APPROVED:	DATE:

D

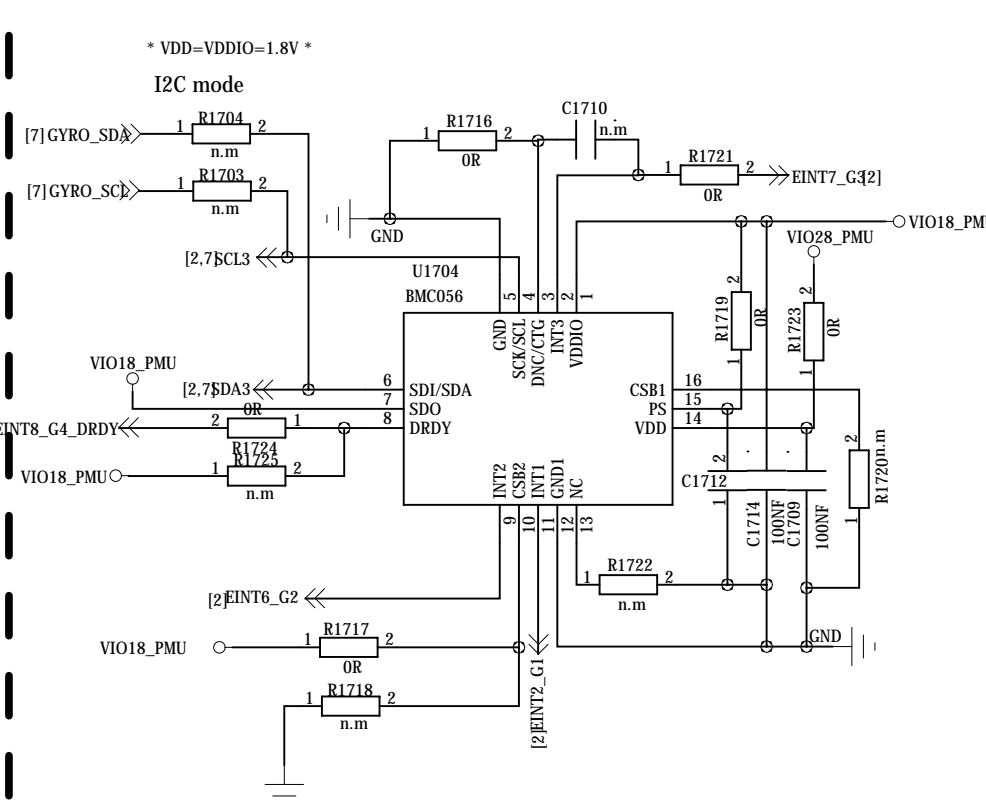


ALS

D



C



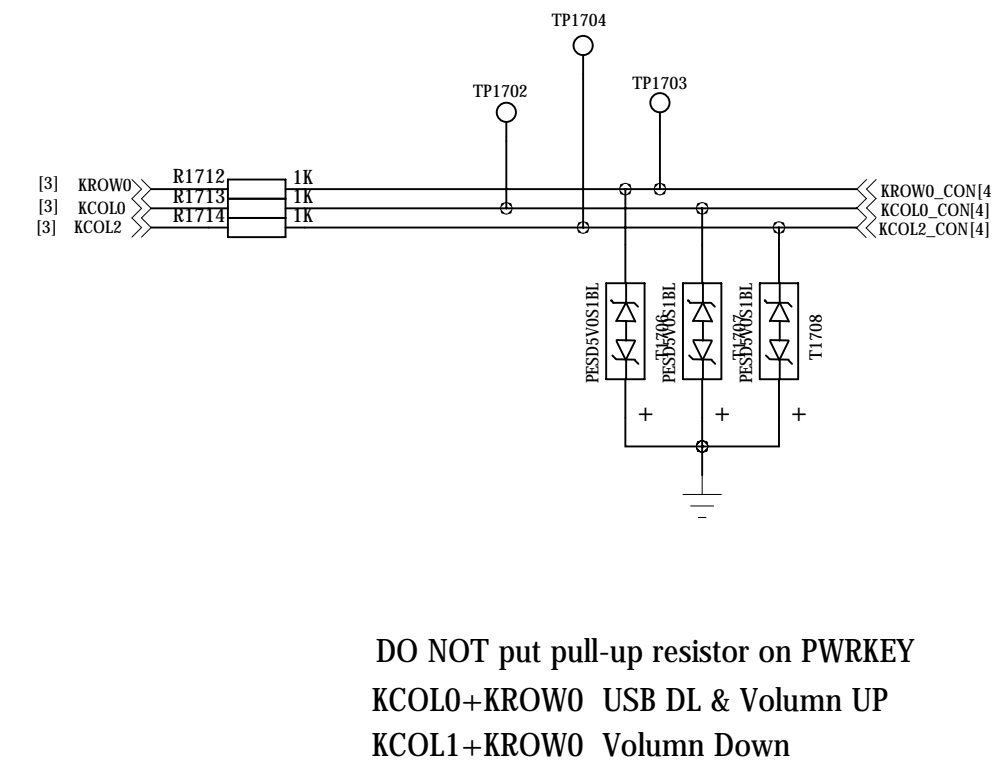
G+M Compatible With BMC056&LSM303D		
	BMC056	LSM303D
C1710	NM	220nF
	OR	NM
	OR	NM
	NM	OR
	NM	4.7uF
	OR	NM
	NM	OR

I2C Address Information		
CSB2	SDO	GND
		Shared (0x10)
		Not Recommended for Android
	VDDIO	Accelerometer I2C Address:0x10 Magnetometer I2C Address:0x12

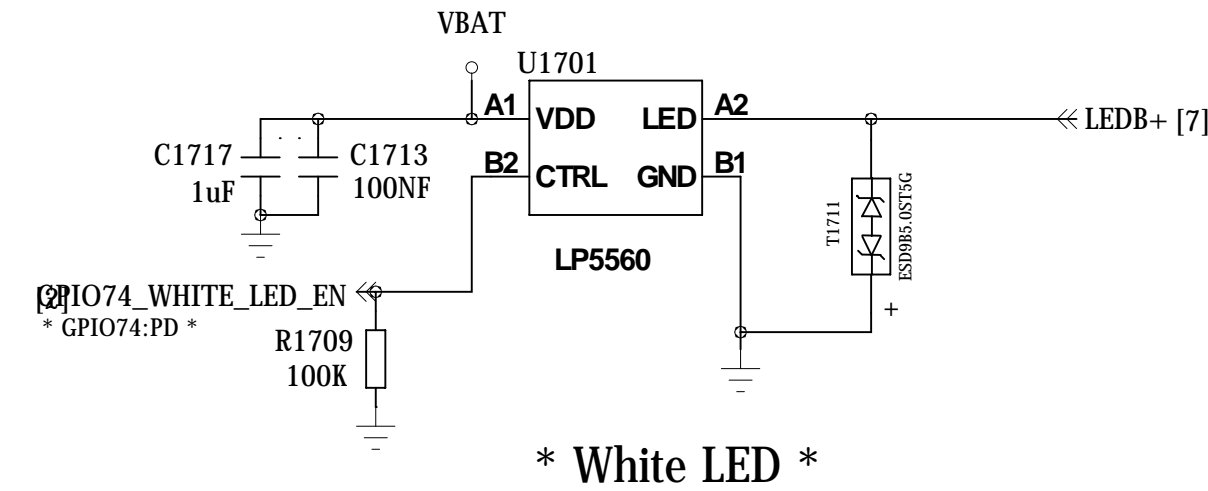
G+M -Sensor

Part number:BMC056

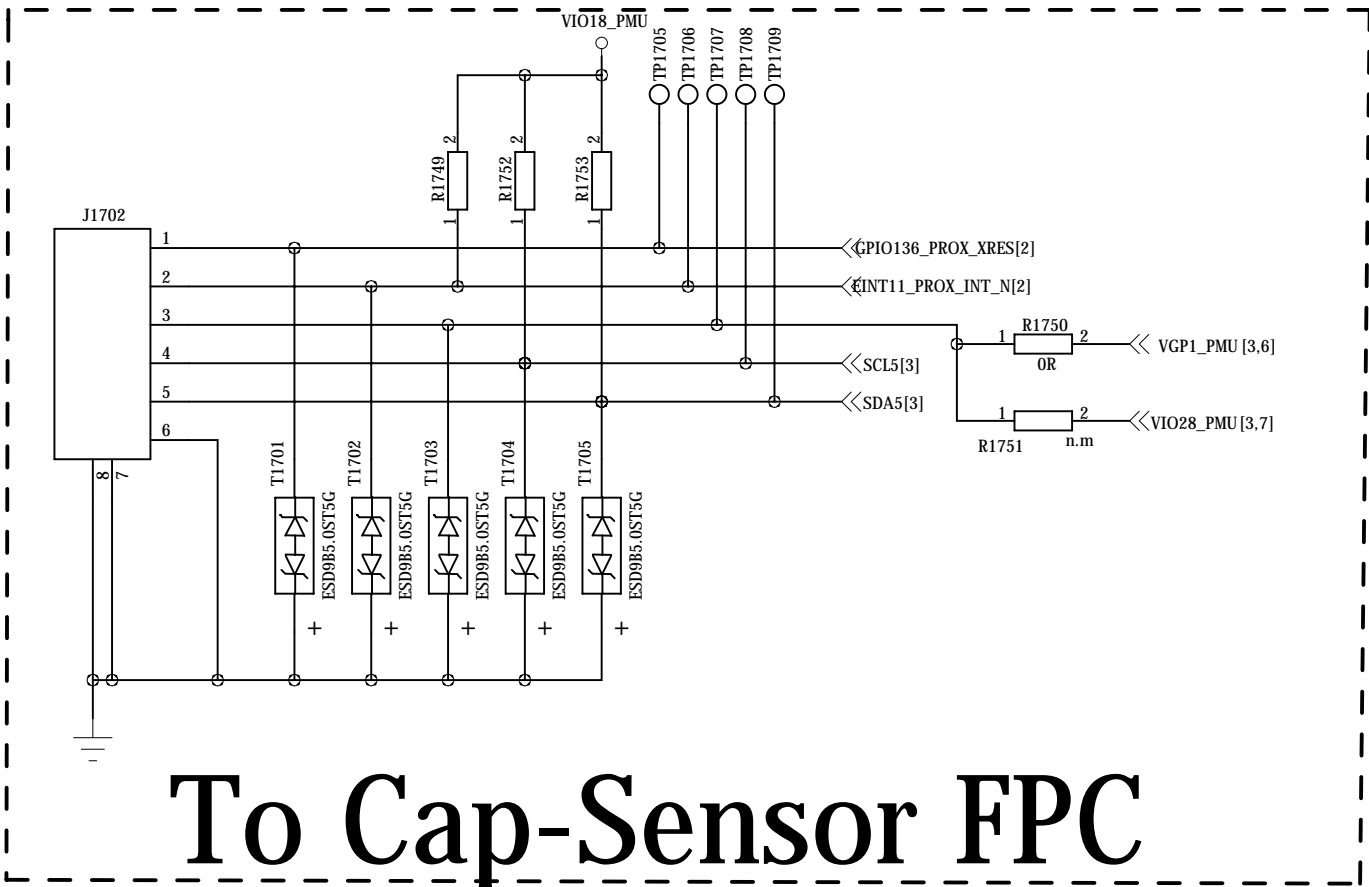
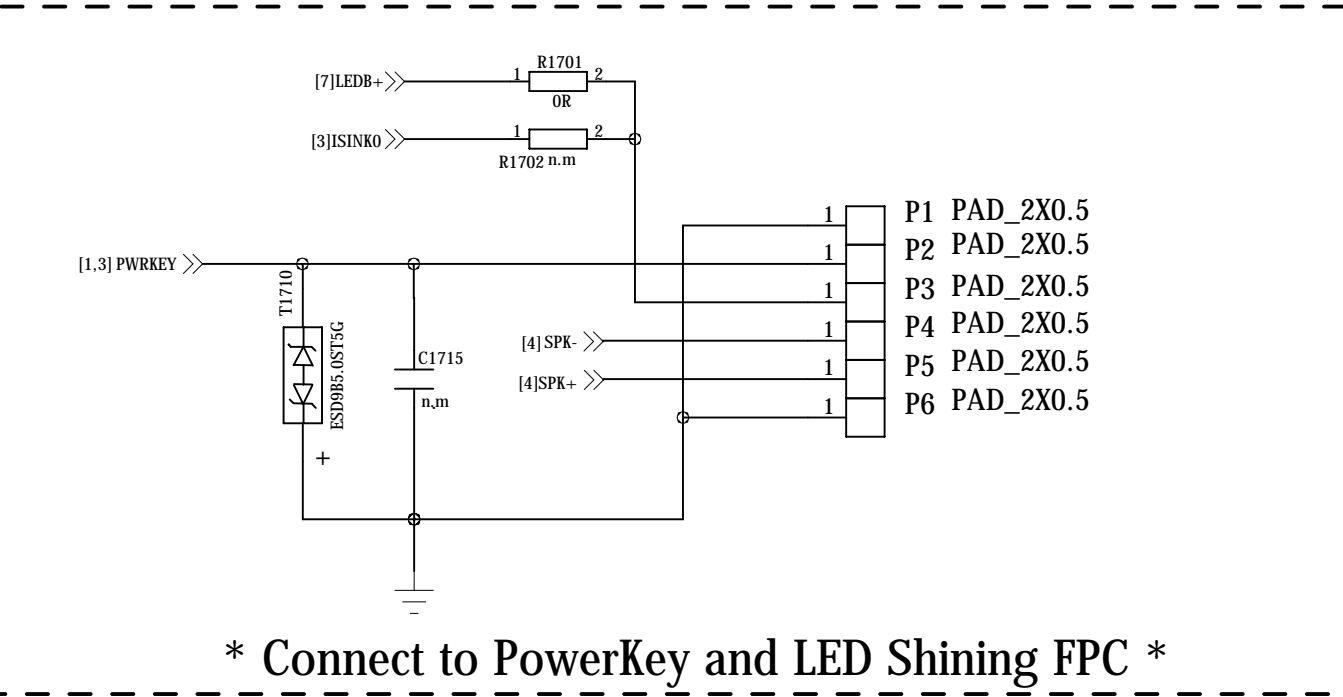
C



B



A



To Cap-Sensor FPC

COMPANY:			
TITLE:			
CHECKED:	DATED:	CODE:	SIZE:
QUALITY CONTROL:	DATED:	DRAWING NO:	REV:
RELEASED:	DATED:	SCALE:	SHEET: OF

DRAWN:	DATED:
CHECKED:	DATED:
QUALITY CONTROL:	DATED:
RELEASED:	DATED:

