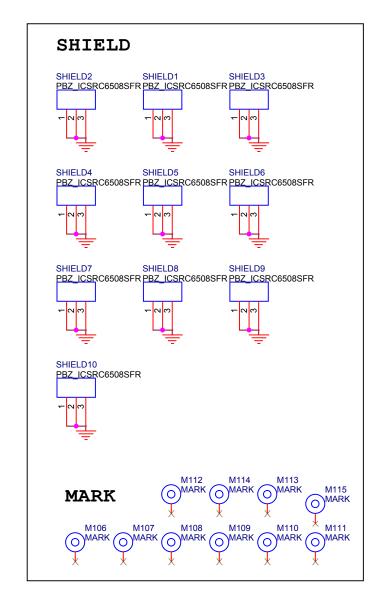
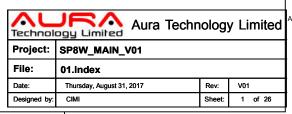
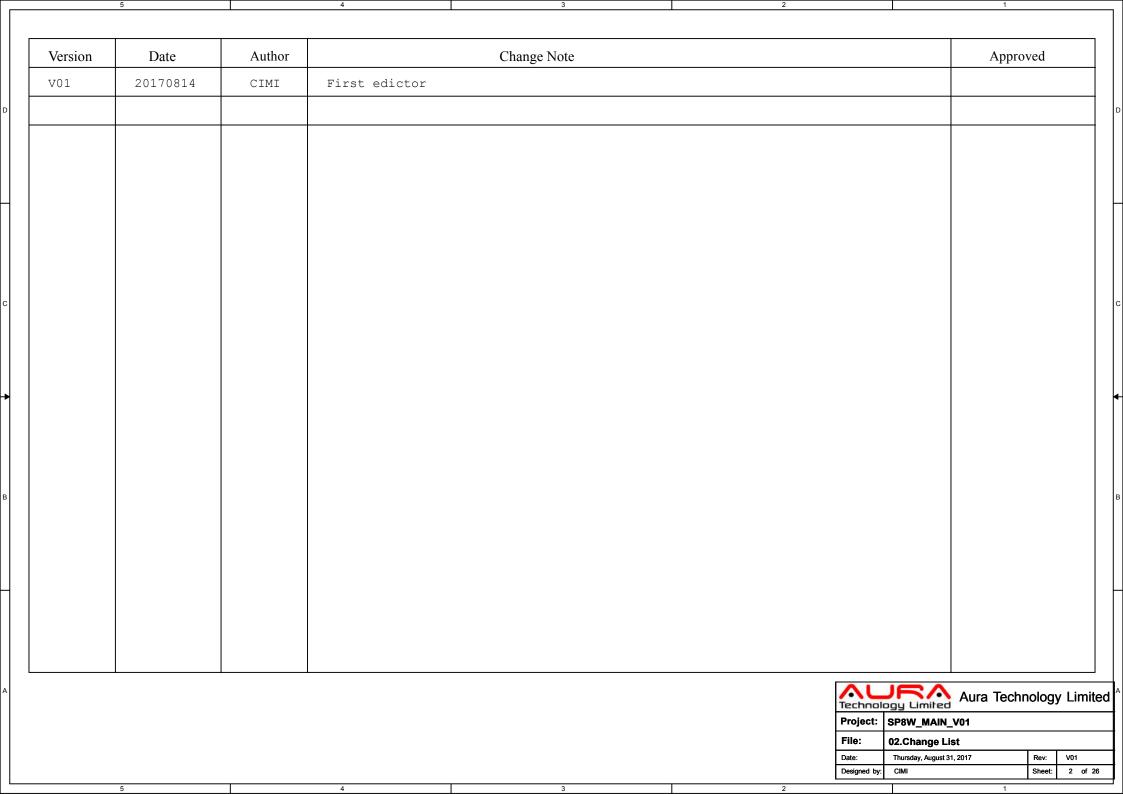
01.Index 02.Change List 03.Block Diagram 04.Power Tree-RC5T620 05.Power Tree-RK808-B 06.Power Tree-RK818-1 10.RK3288 Power 11.RK3288 PMU Controler 12.RK3288 DDR Controler 13.RK3288 Flash Controler 14.RK3288 USB/HSIC Controler 15.RK3288 SARADC/Key Board 16.RK3288 DVP Interface 17.RK3288 Display Interface 18.RK3288 GPIO 20.USB Port 21.Power-RT5C620 1CELL (option) 22.Power-RK808-B 2CELL (option) 23.Power-RK818-1 1CELL (option) 30.RAM-DDR3 4x16bit 32.RAM-DDR3 2x32bit (option) 33.RAM-LPDDR2(168P) (option) 34.RAM-LPDDR2(216P) (option) 35.RAM-LPDDR2(220P) (option) 36.RAM-LPDDR3(178P) (option) 40.Memory-eMMC 41.Memory-Nand FLASH (option) 42.Memory-tSD (option) 45.DVP power and Flash LED 46.Camera-MIPI CSI 47.Camera-CIF (option) 50.LCM-eDP Panel 51.LCM-MIPI Panel (option) 52.LCM-Dual MIPI Panel (option) 53.LCM-LVDS Panel (option) 60.WIFI/BT-AP6210/AP6212/XZ3538 61.WIFI ac/BT-AP6335 (option) 62.WIFI/BT/GPS-AP6476 (option) 65.3G-UNA 66.3G-UNA LITE (option) 70.Audio Codec-ES8323 71.Audio Codec-ALC5631 (option) 72.Audio Codec-ALC5640 (option) 73.Audio Codec-ES8316 (option) 74.Audio Codec-ALC5672 (option) 75.TP COF 76.TP COB-CT363 (option) 77.TP COB-FT5506 (option) 78.TP COB-GSL3680 (option) 80.Sensor/VIB 81.TF Card 82.HDMI Port 84.eFUSE (option)

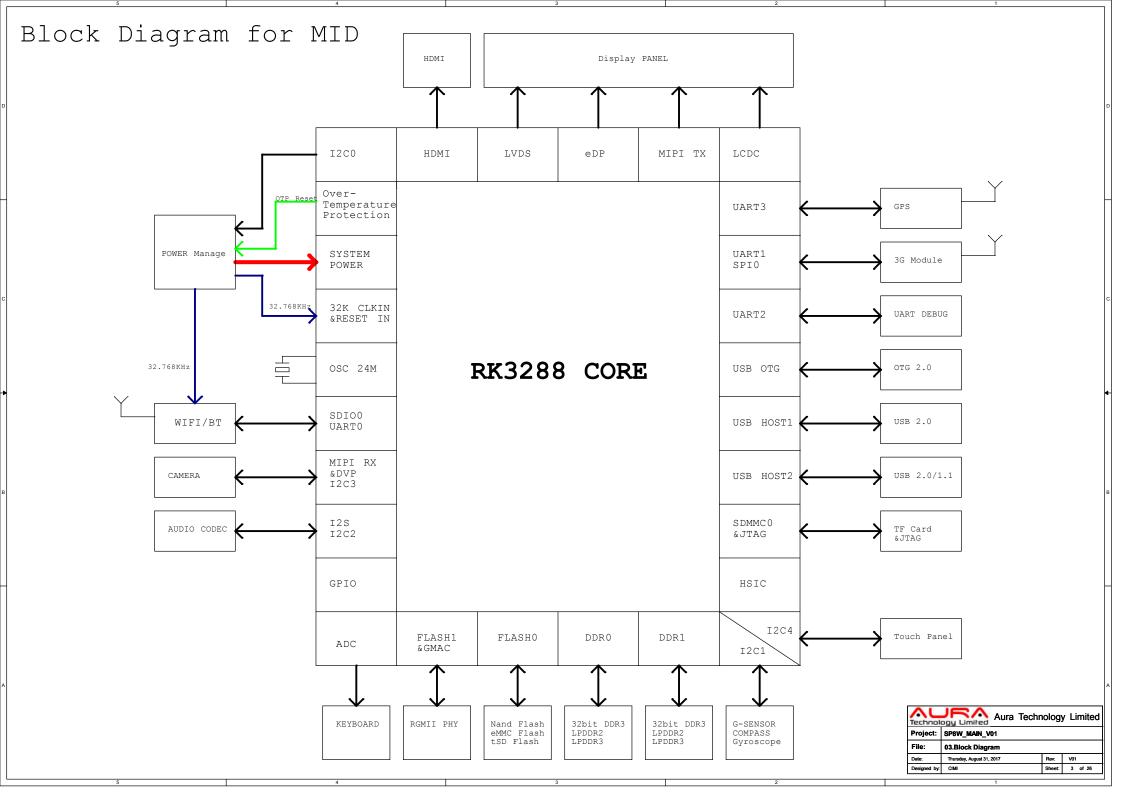
I2C address(7bit): 1.I2C0 Power: **RK808** 0x1b CW2013 0x62 **RK818** 0x1C RT5C620 0x32 **SYR837** 0x40 **SYR838** 0x41 2.I2C1 Sensor: CM3218 0x10.0x0c LSM330TR G:0x6a A:0x1e MMA8452Q 0X1d MPU6500 0x34 LIS3DH 0X19 LSM303D 0X1d 3.I2C2 Audio Codec: ALC5640 0x19 ALC5623 0x1a ALC5631 0x1a ES8323 0x10 ES8316 0x10 4.I2C3 Camera: OV2659 0x30 OV8825 0x36 5.I2C4 Touch: CT363 0x1b FT5506 GSL3680 0x40

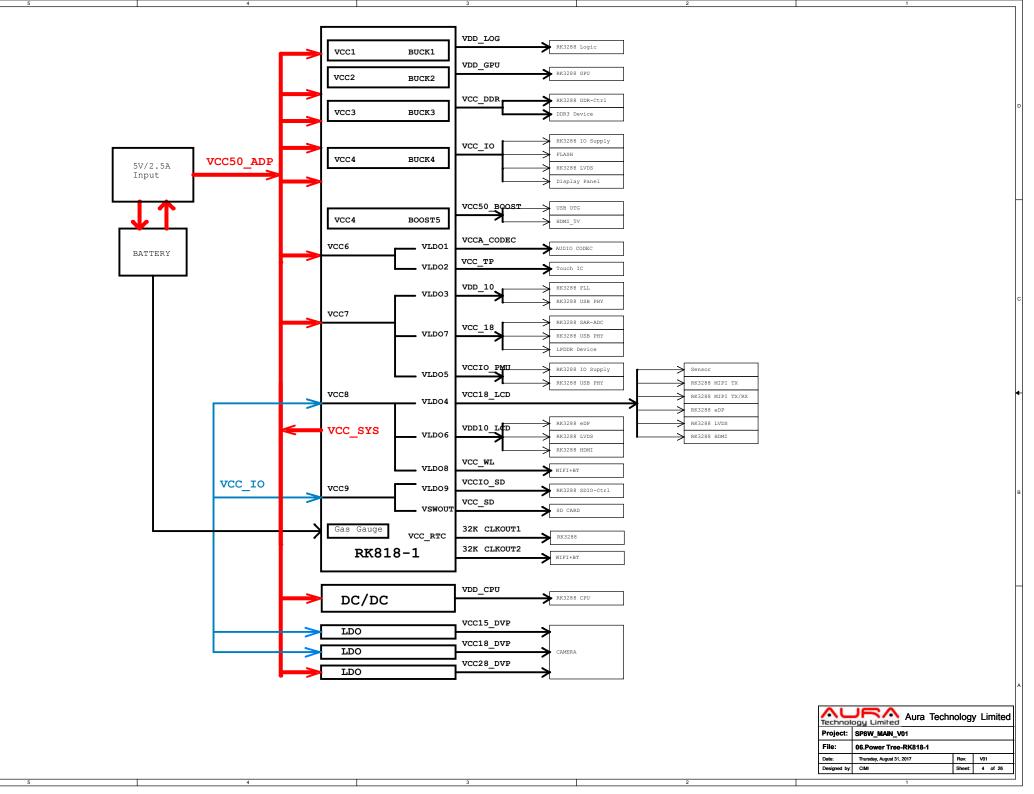


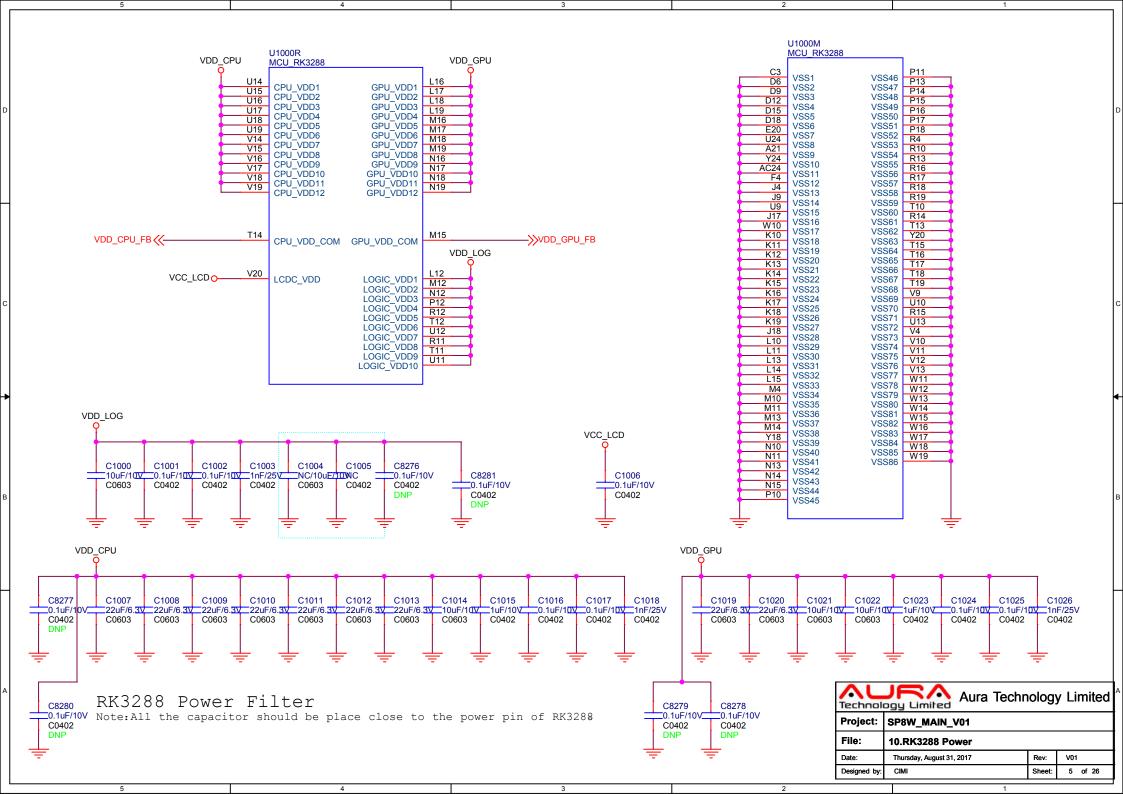


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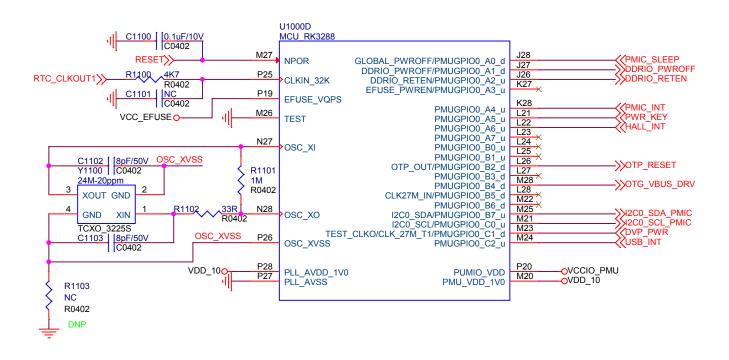


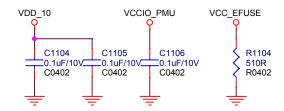








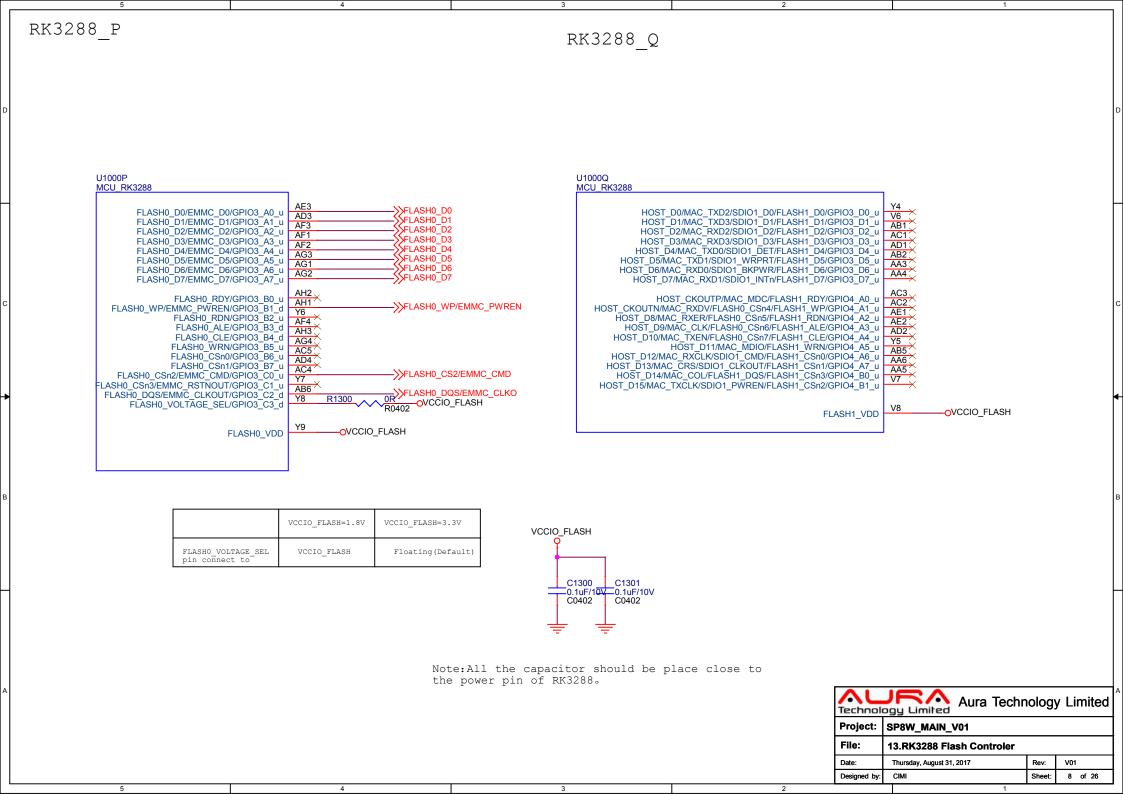


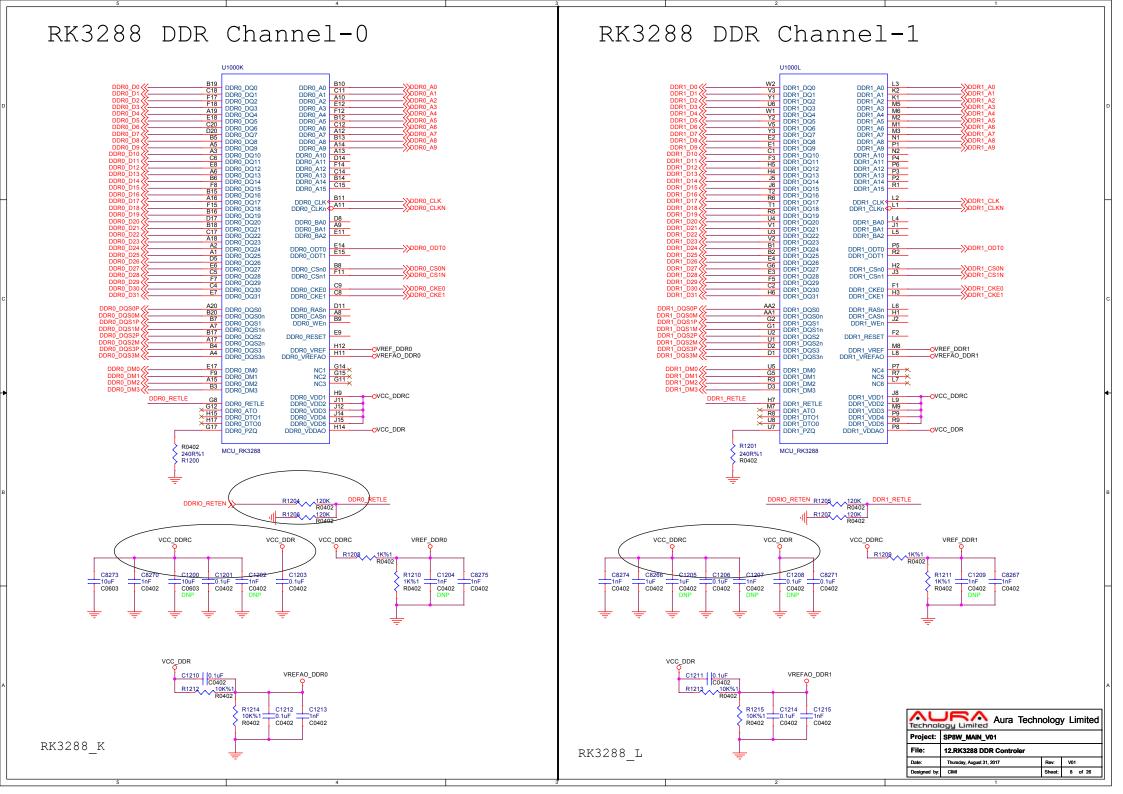


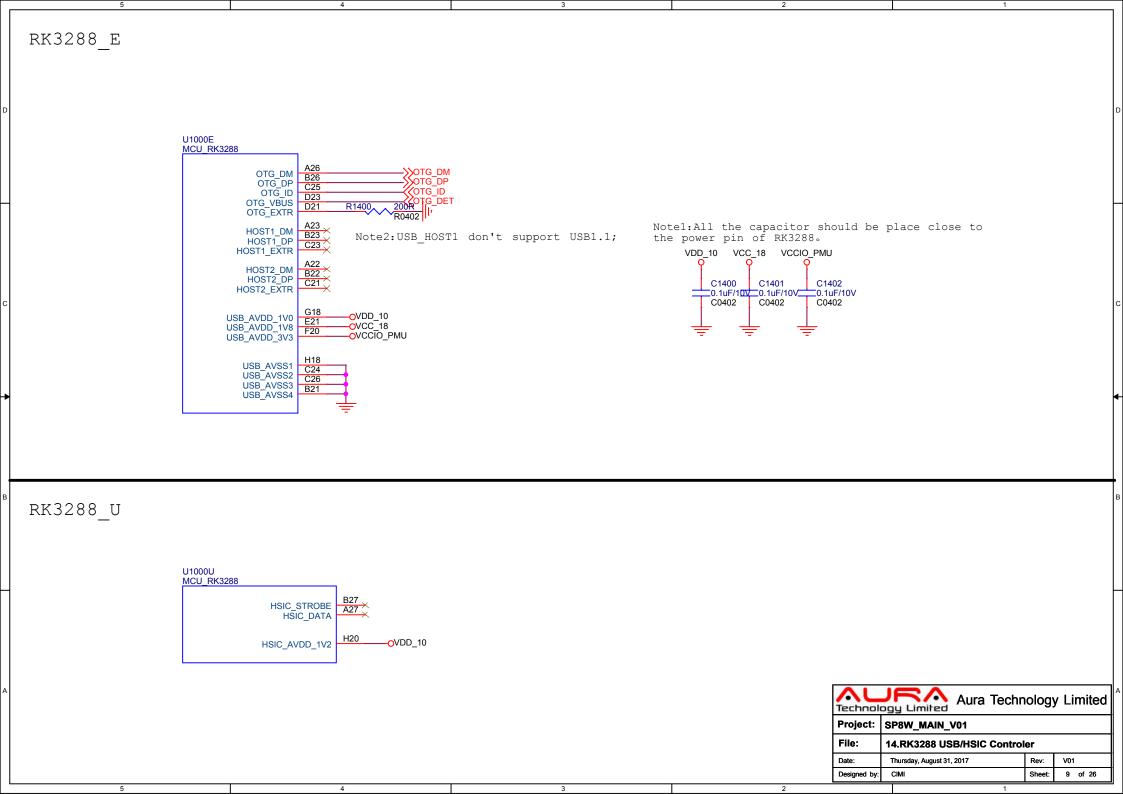
Note: All the capacitor should be place close to the power pin of RK3288 $^{\circ}$

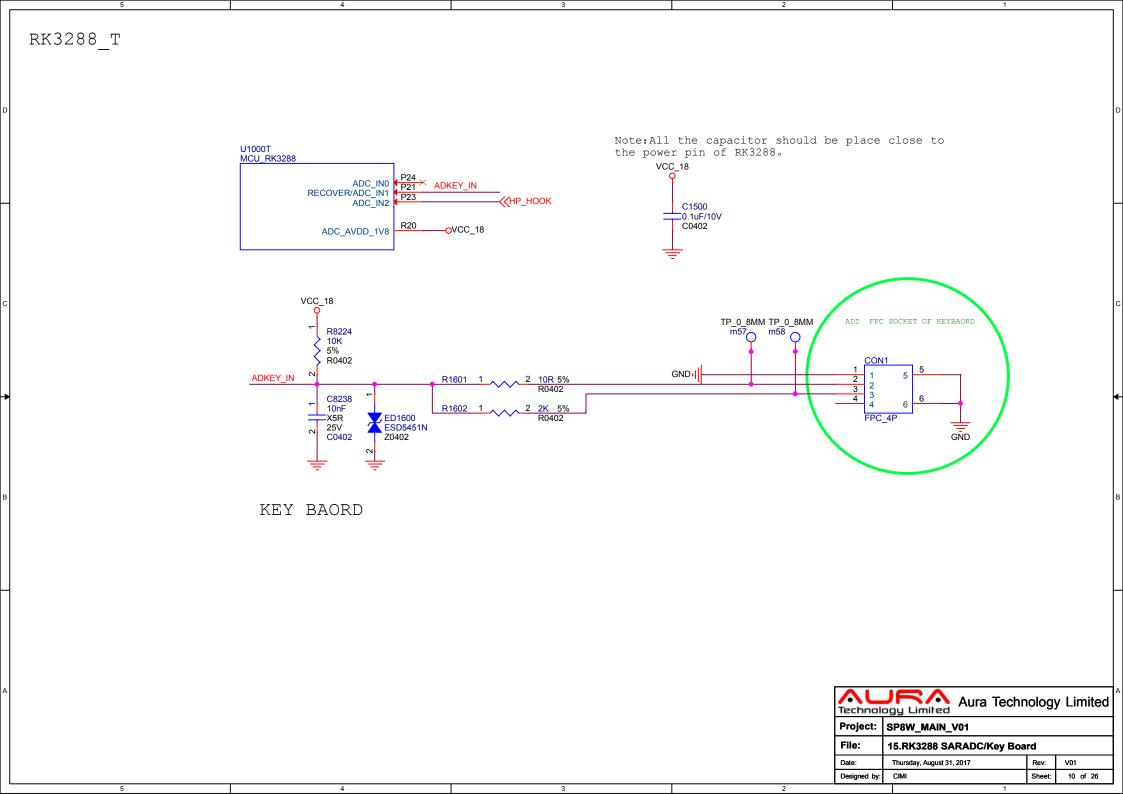
Aura Technology Limited				
Project:	SP8W_MAIN_V01			
File:	11.RK3288 PMU Controler			
Date:	Friday, September 01, 2017	Rev:	V01	
Designed by:	CIMI	Sheet:	6 of 26	

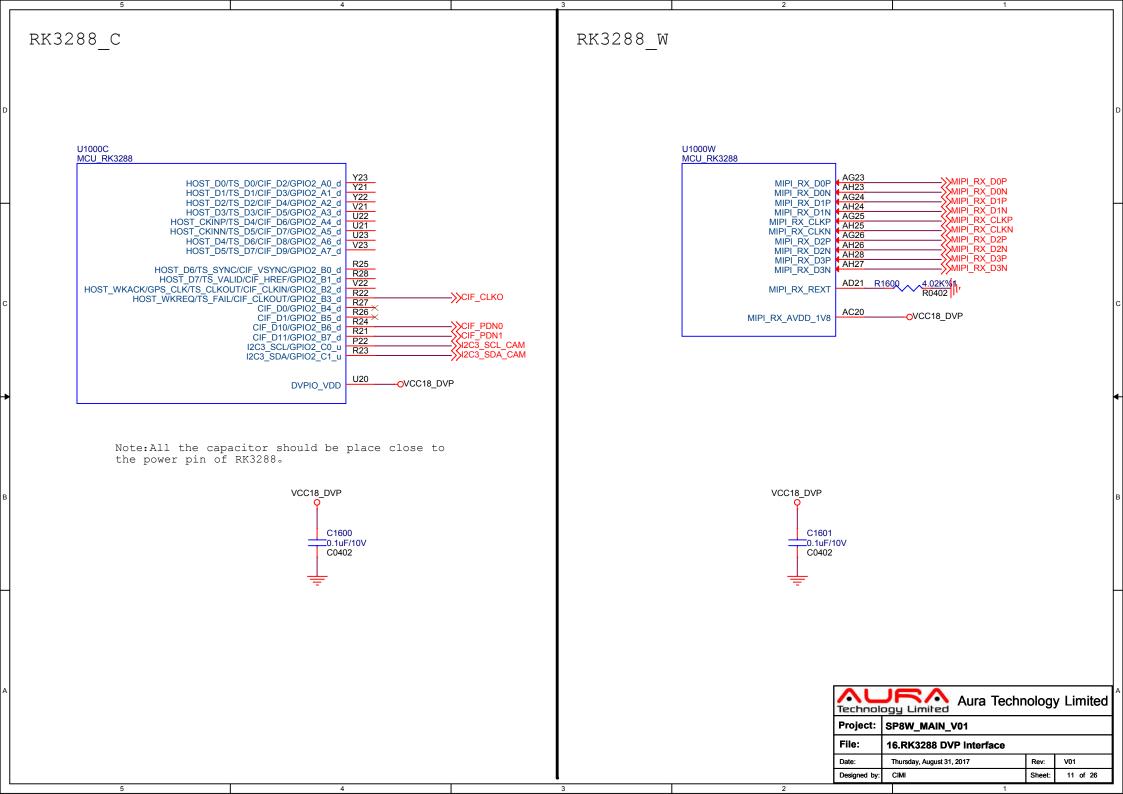
5 4 3

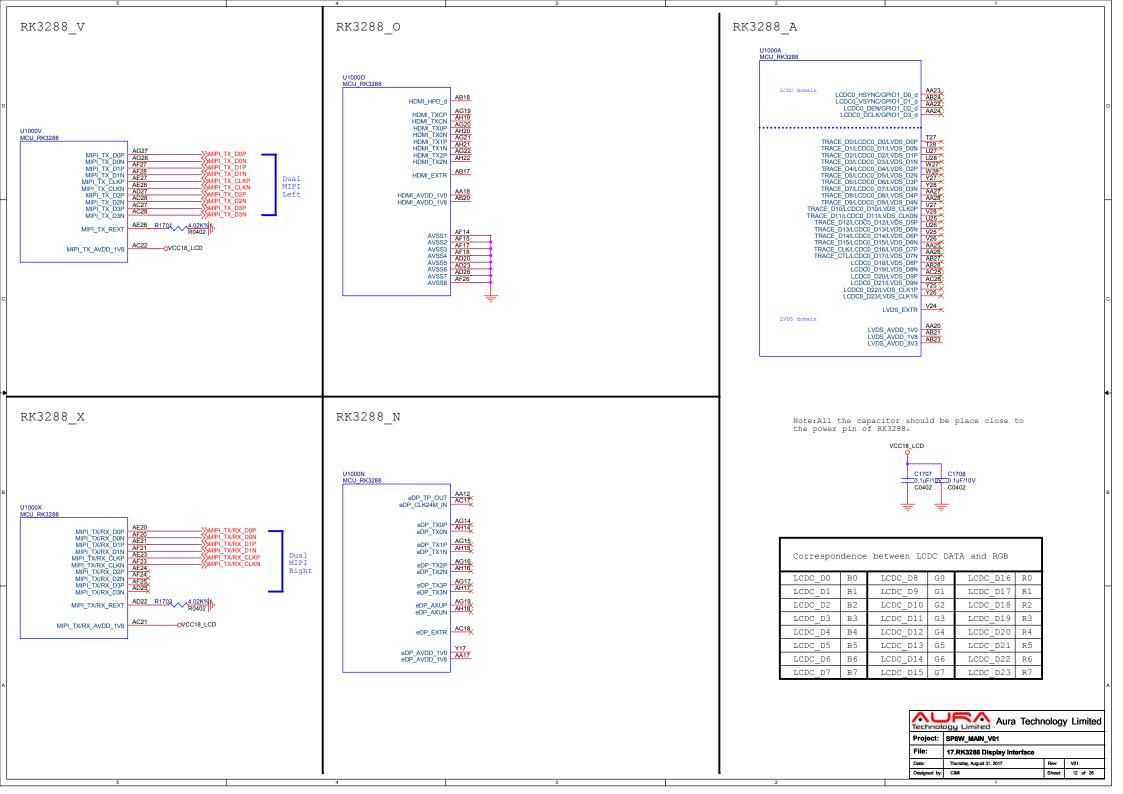


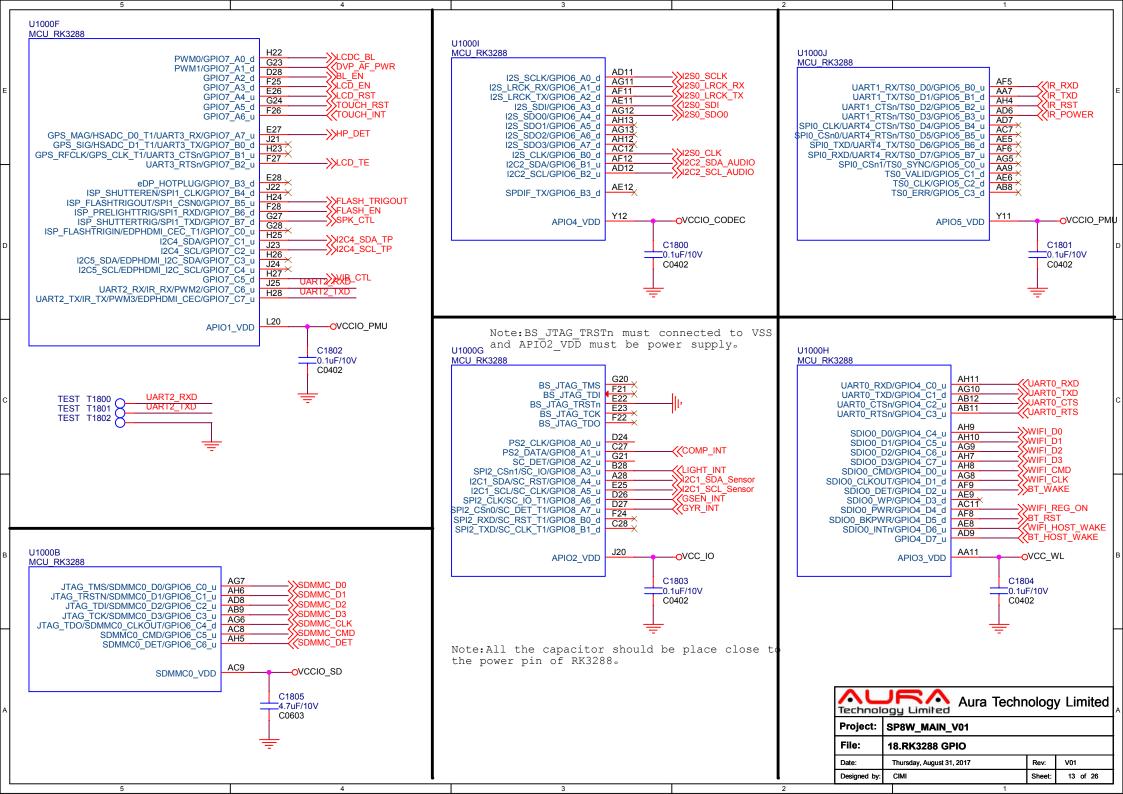


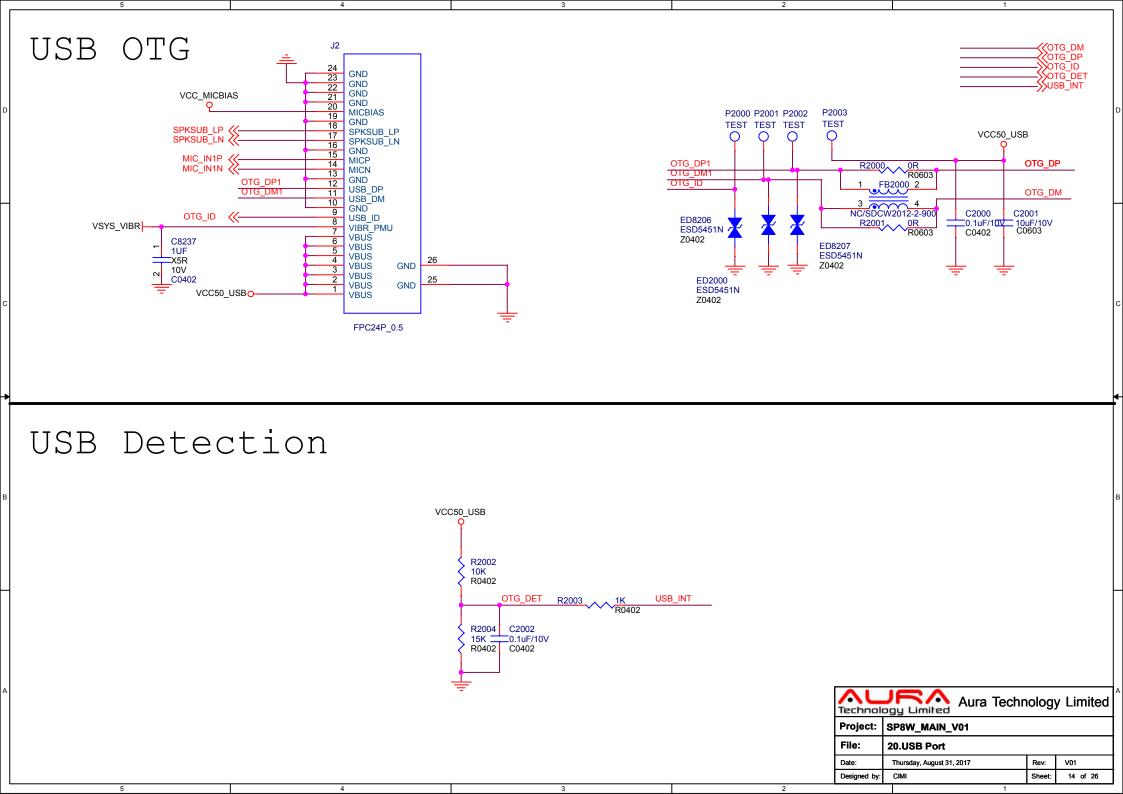


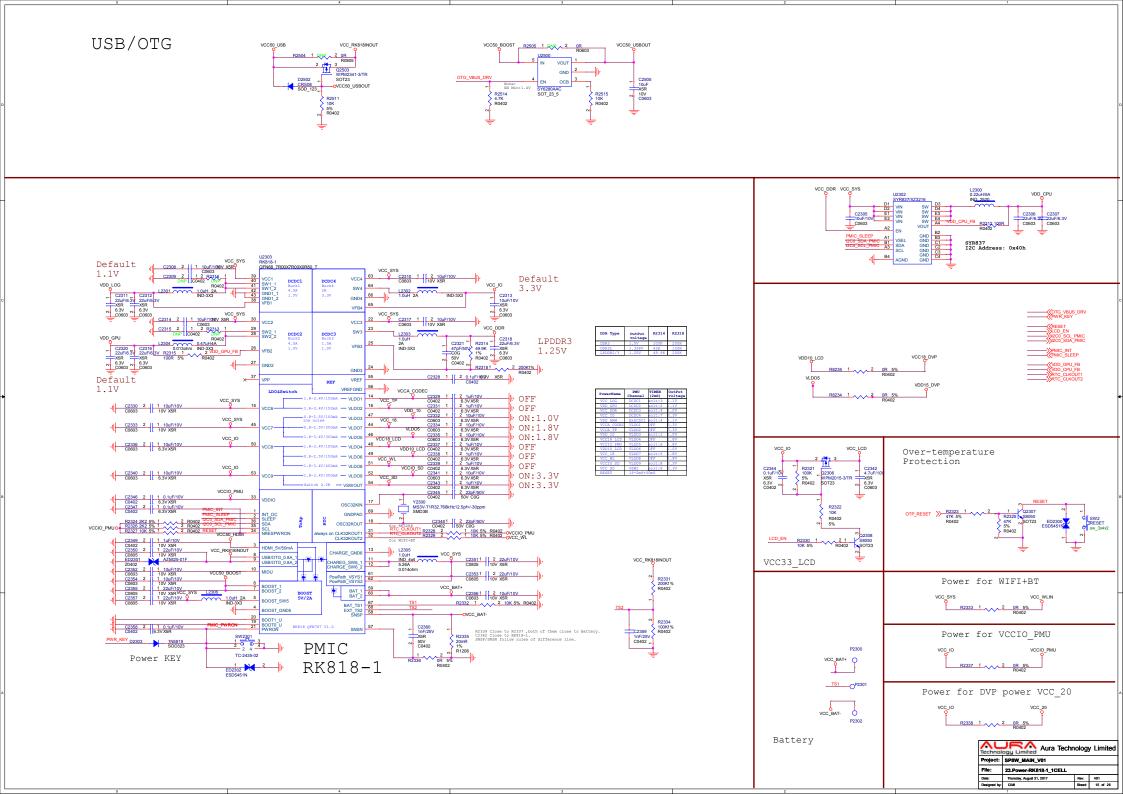


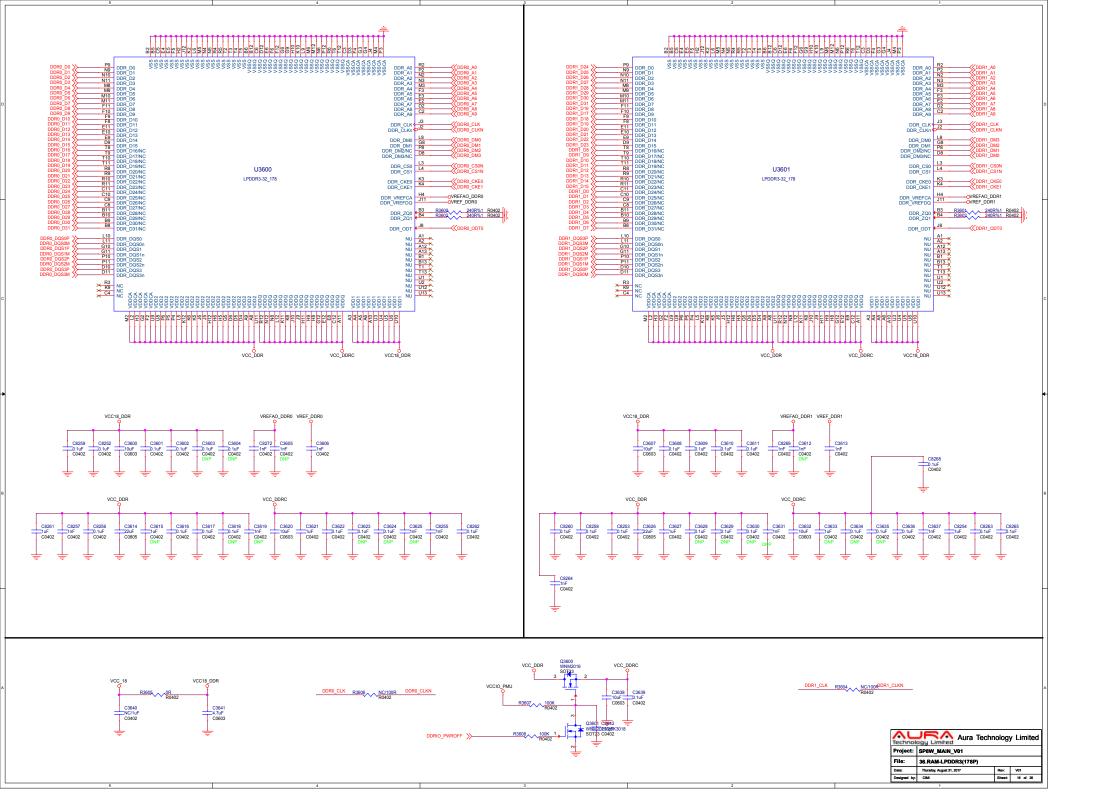


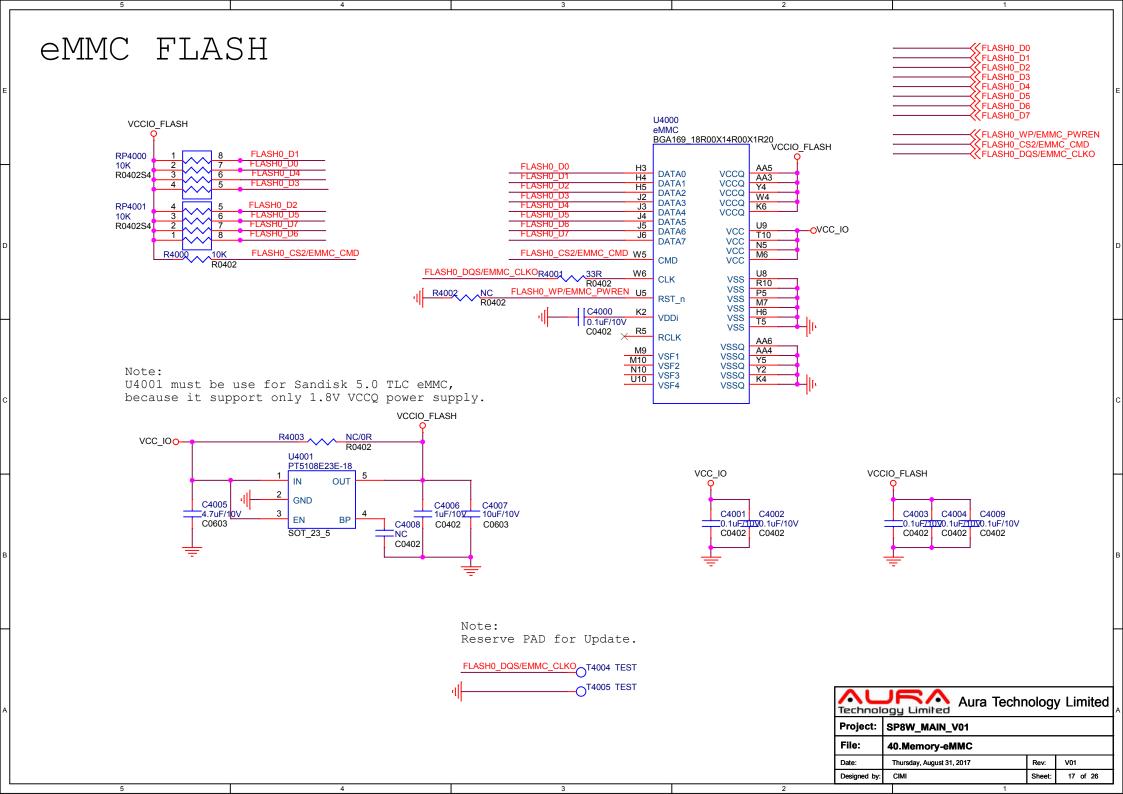






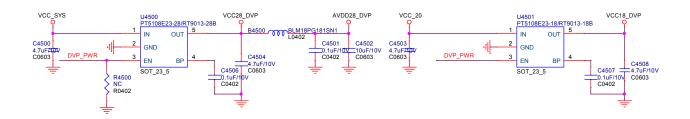


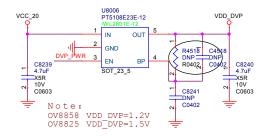




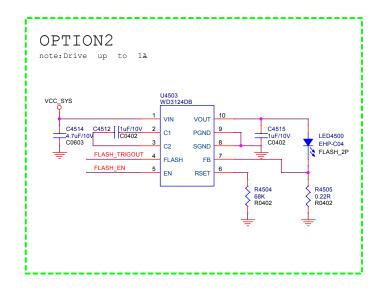


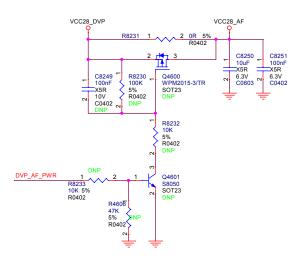


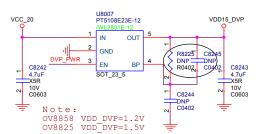




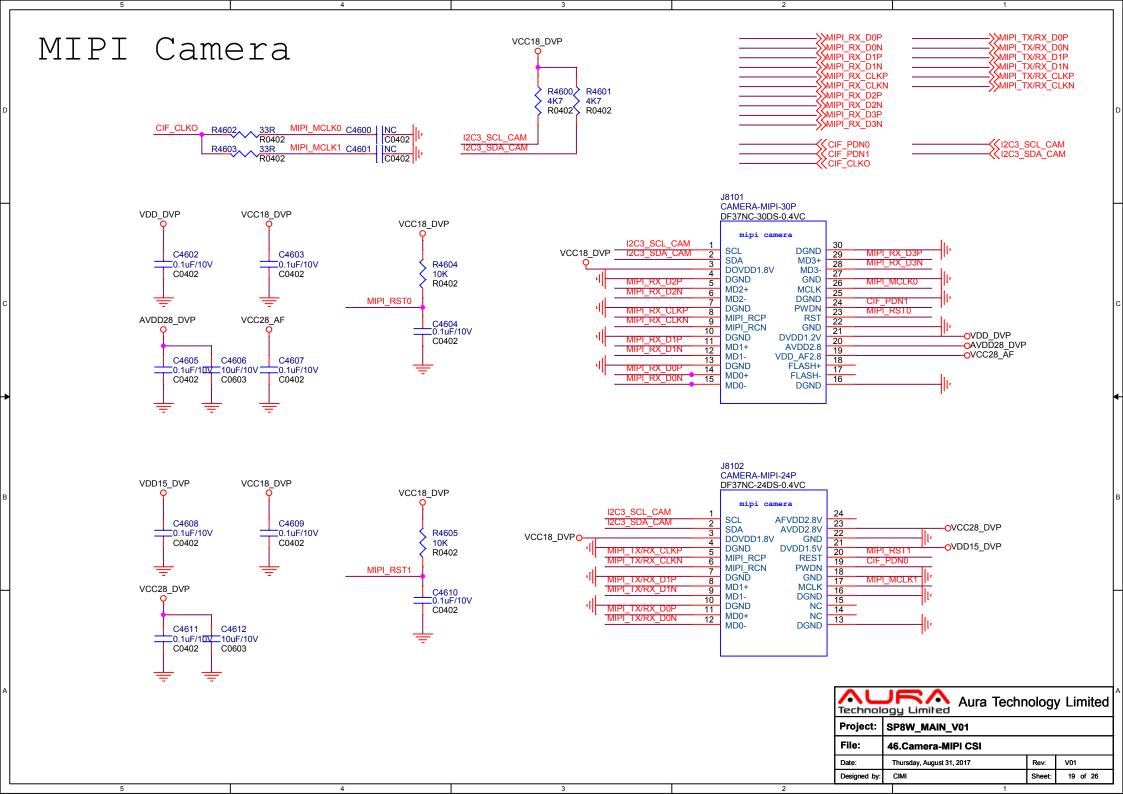
FLASH LED Drive

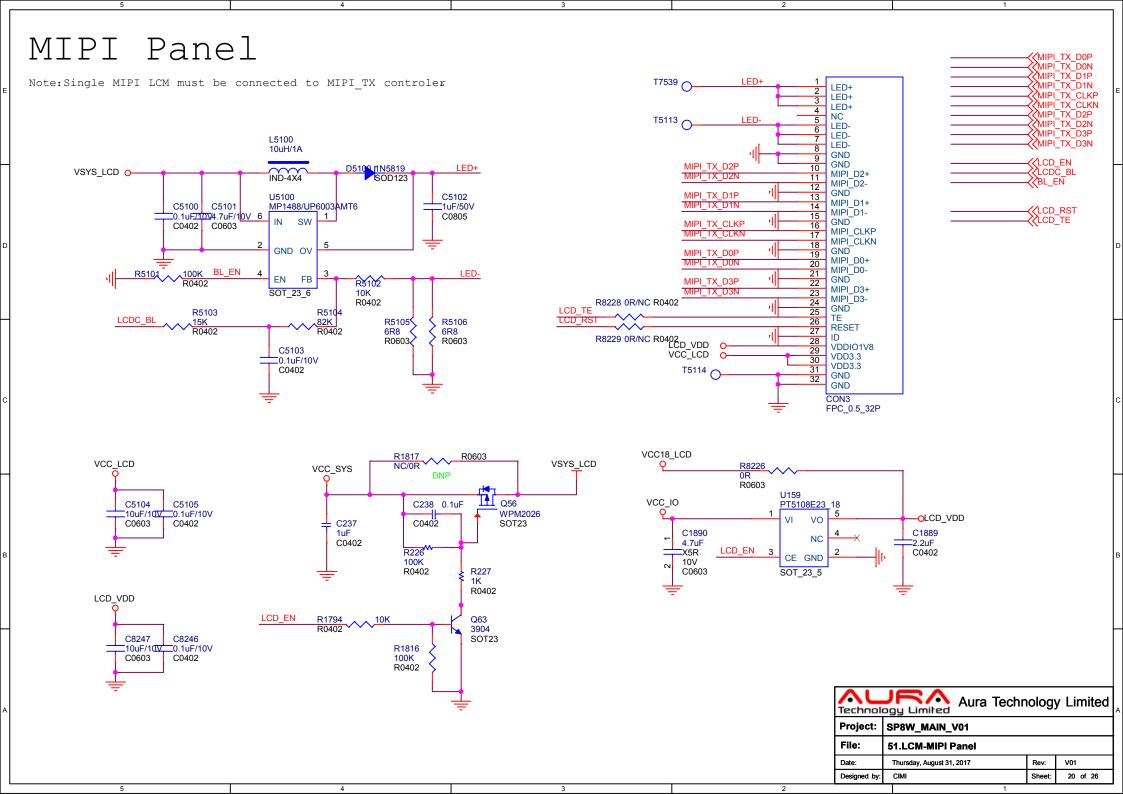






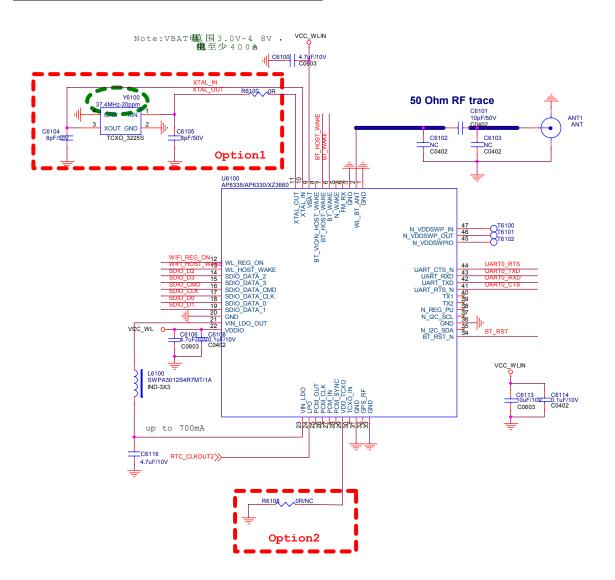
Technology Limited Aura Technology Limited				
Project:	SP8W_MAIN_V01			
File:	45.DVP power and Flash LED			
Date:	Thursday, August 31, 2017	Rev:	V01	
Designed by:	CIMI	Sheet:	18 of 26	



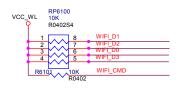


WIFI/WIFI ac/BT MODULE

	Option1	Option2	Y6100	Default:AP6335
AP6335	YES	YES	37.4MHz	Note:
AP6330	YES	NO	26MHz	YES: 框要 贴
XZ3660	YES	NO	26MHz	NO:框外 贴
AP6255	YES	YES	37.4MHz	

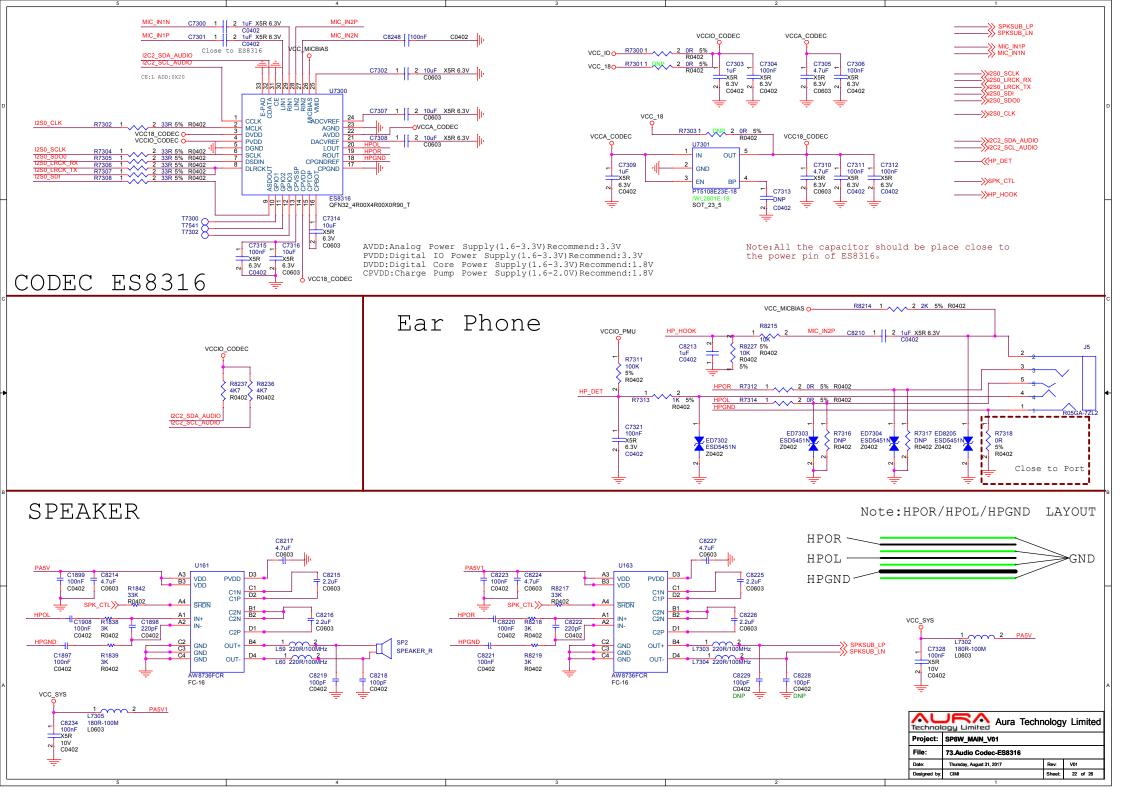


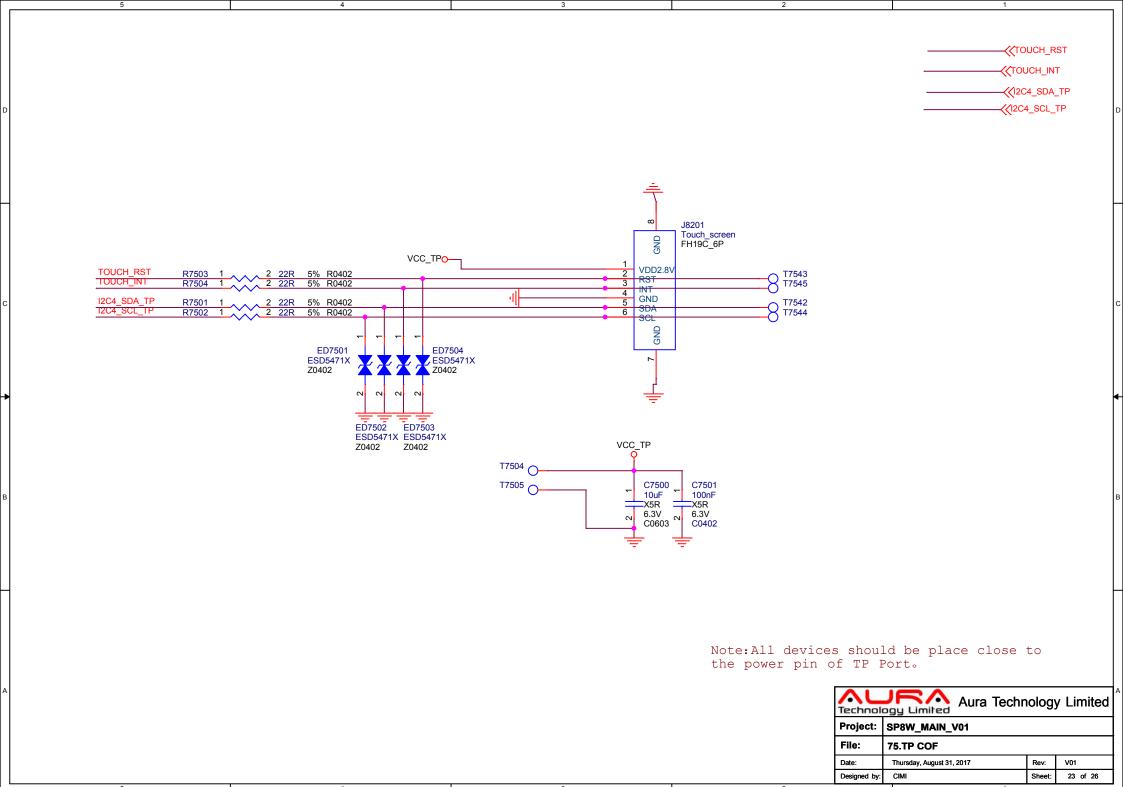


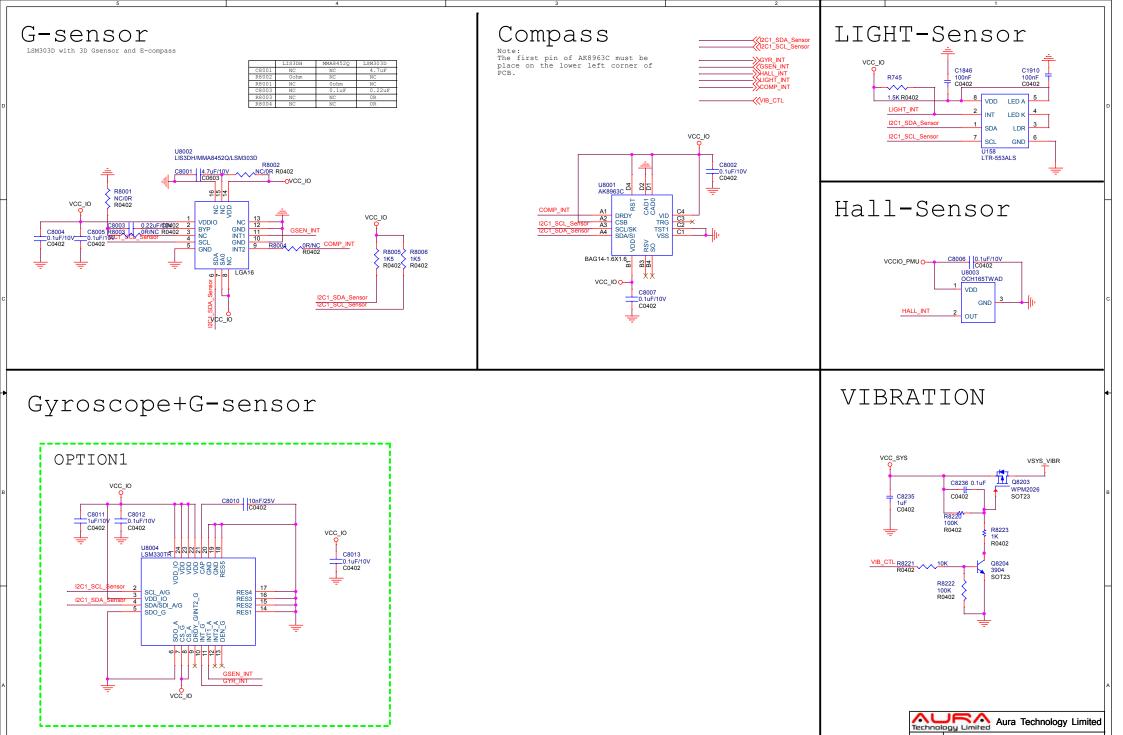


4	C6107	33pF/50V	SDIO_D0	R6102 33R I	R0402 WIFI_D0
JII.	C6109	C0402 33pF/50V	SDIO_D1	R6103 33R I	R0402 WIFI_D1
	C6110	C0402 33pF/50V	SDIO_D2	R6104 33R I	R0402 WIFI_D2
	C6111	C0402 33pF/50V	SDIO_D3	R6105 A A 33R I	R0402 WIFI_D3
	C6112	C0402 33pF/50V	SDIO_CMD	R6106 A A 33R I	R0402 WIFI_CMD
	C6115	C0402 33pF/50V	SDIO_CLK	R6107 33R I	R0402 WIFI_CLK
		C0402			

Aura Technology Limited			
Project:	SP8W_MAIN_V01		
File:	61.WIFI ac/BT-AP6255		
Date:	Thursday, August 31, 2017	Rev:	V01
Designed by:	CIMI	Sheet:	21 of 26







 Project:
 SP8W_MAIN_V01

 File:
 80.Sensor/VIB

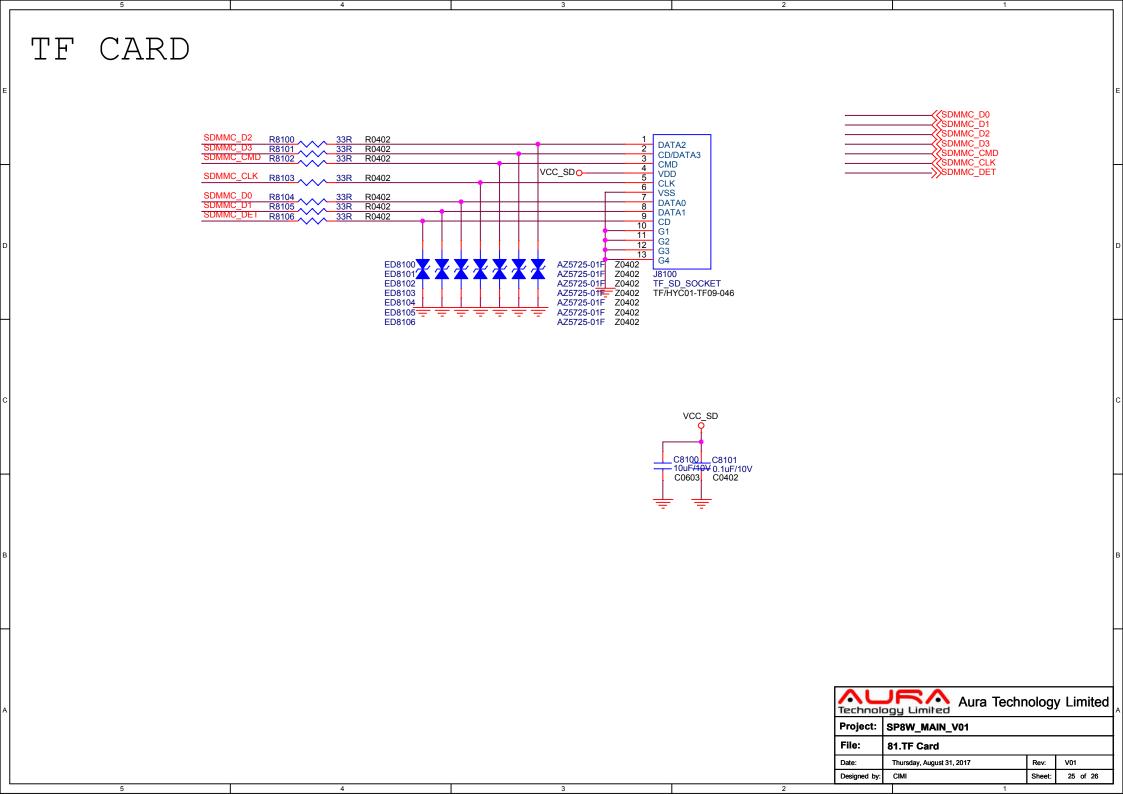
 Date:
 Thursday, August 31, 2017

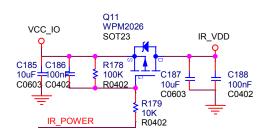
Designed by: CIMI

Rev: V01

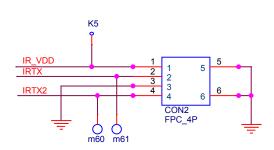
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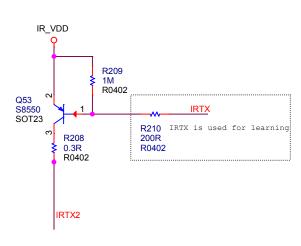
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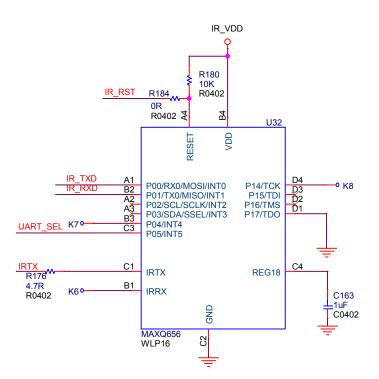














Note: All the capacitor should be place close to the power pin of Sensor.

	A L Technol	JEAN Aura Technogy Limited	ology	/ Limited	
	Project:	SP8W_MAIN_V01			
Ī	File:	83. IR Control			
ľ	Date:	Thursday, August 31, 2017	Rev:	V01	
	Designed by:	СІМІ	Sheet:	26 of 26	