## ARTIK710 INTERPOSER BOARD REV1.0

evision Da	te	Description	
2016.0	)5.13	First Version	
2016.0	06.03		
2 2016.0	06.08		
0			

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Page Description  01: Title 02: B2B Connector 03: ARTIK module LGA pad 04: ETHERNET-RTL8211E-VB-CG 05: USB OTG 06: HSIC 07: LCD LVDS DISPLAY 08: HDMI 09: BM, RTC, ANT, ZIGBEE 10: Revision History	Page	Description		w
			This schematic was designed using standard symbol.	

Schematics Design By Name and Name

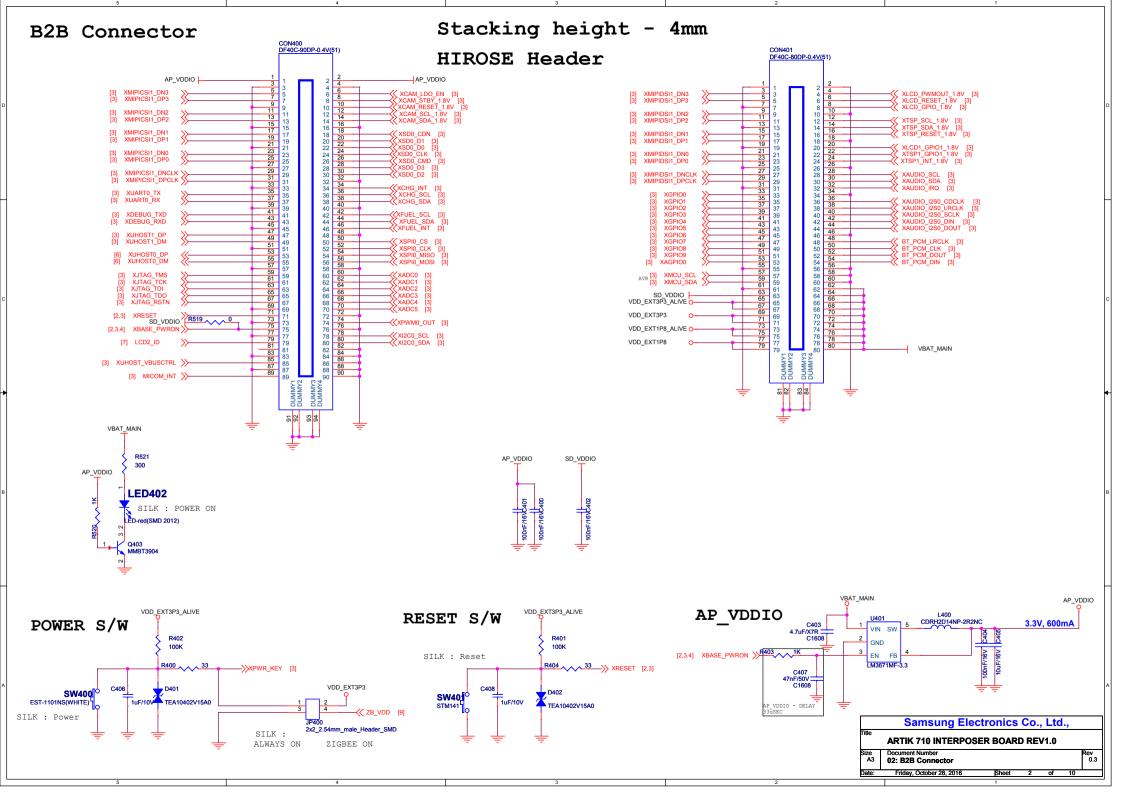
Samsung Electronics Co., Ltd.,

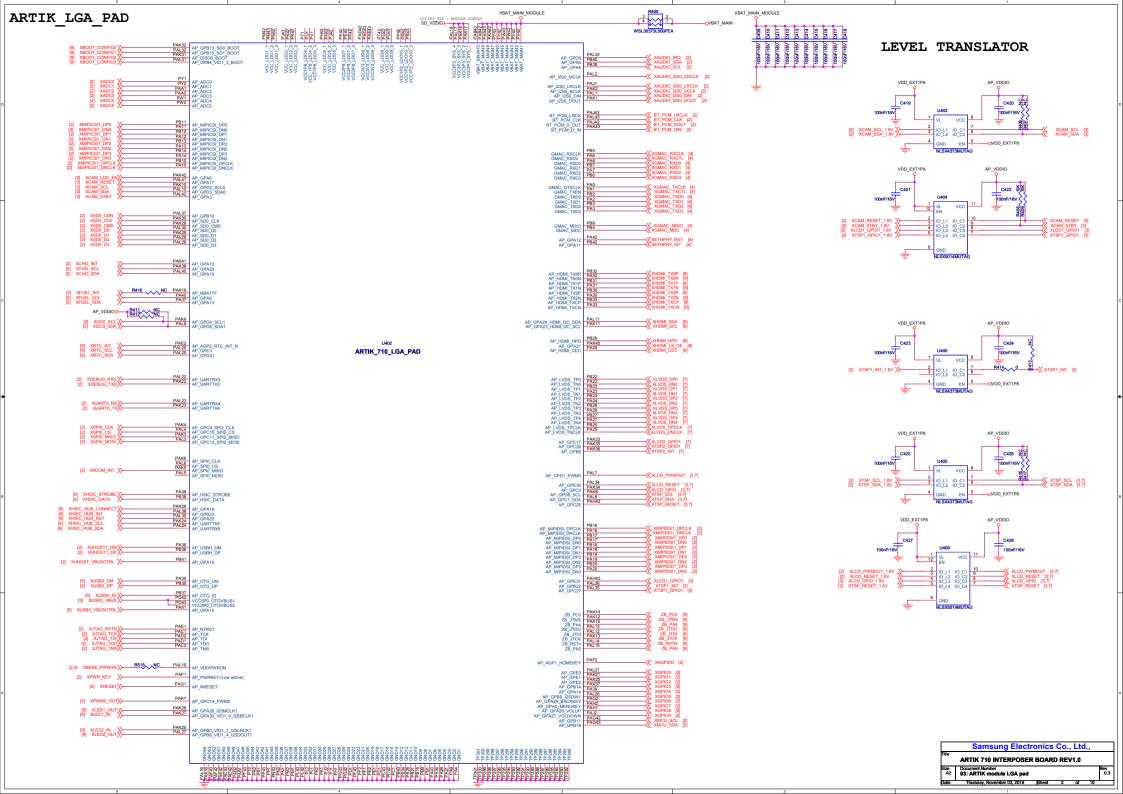
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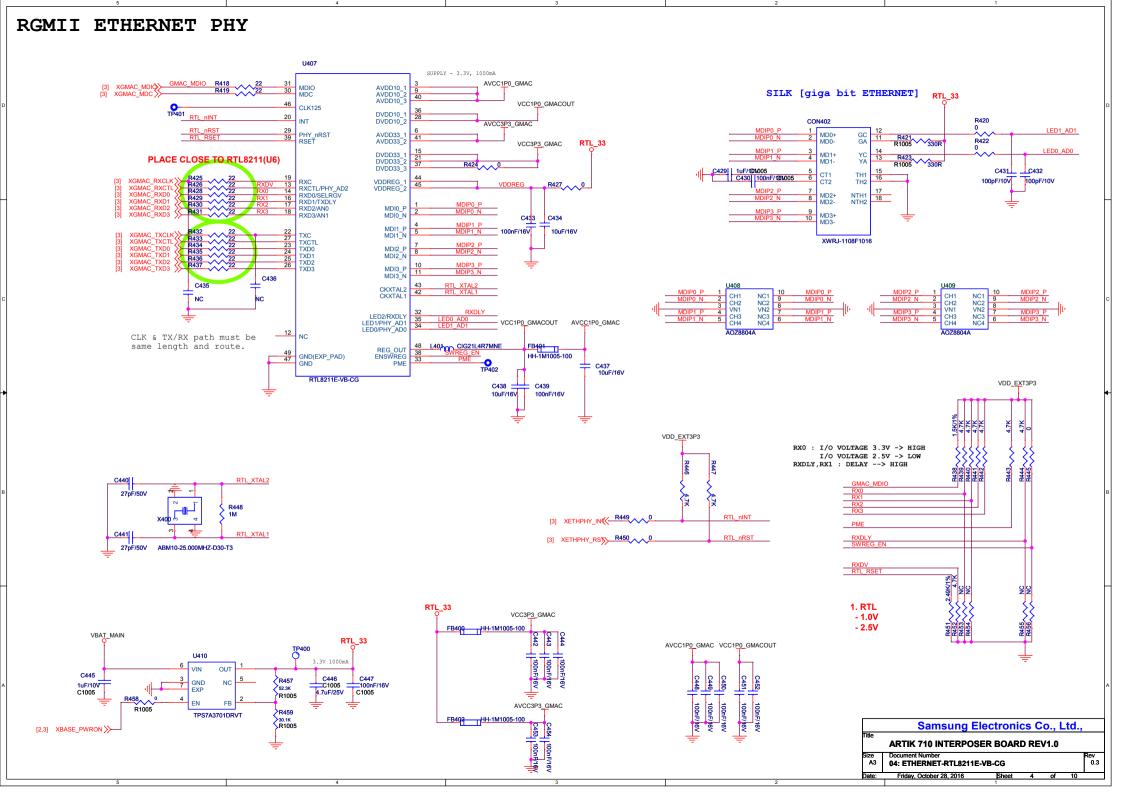
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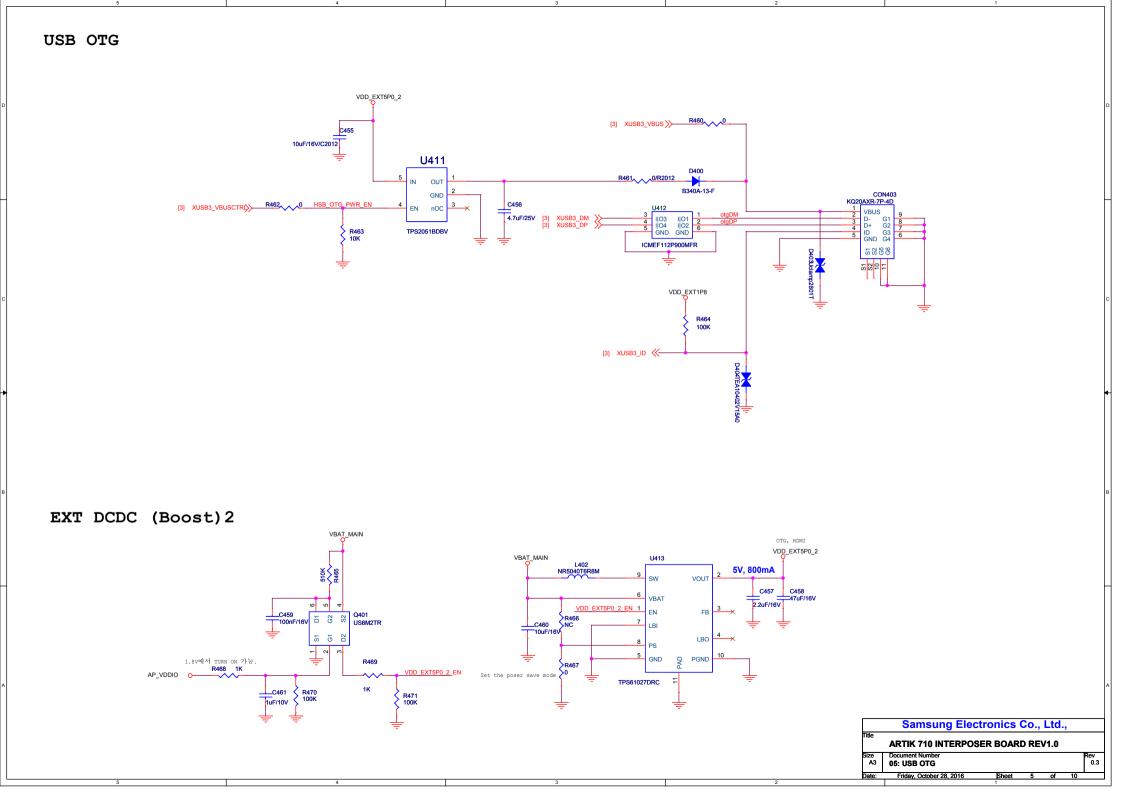
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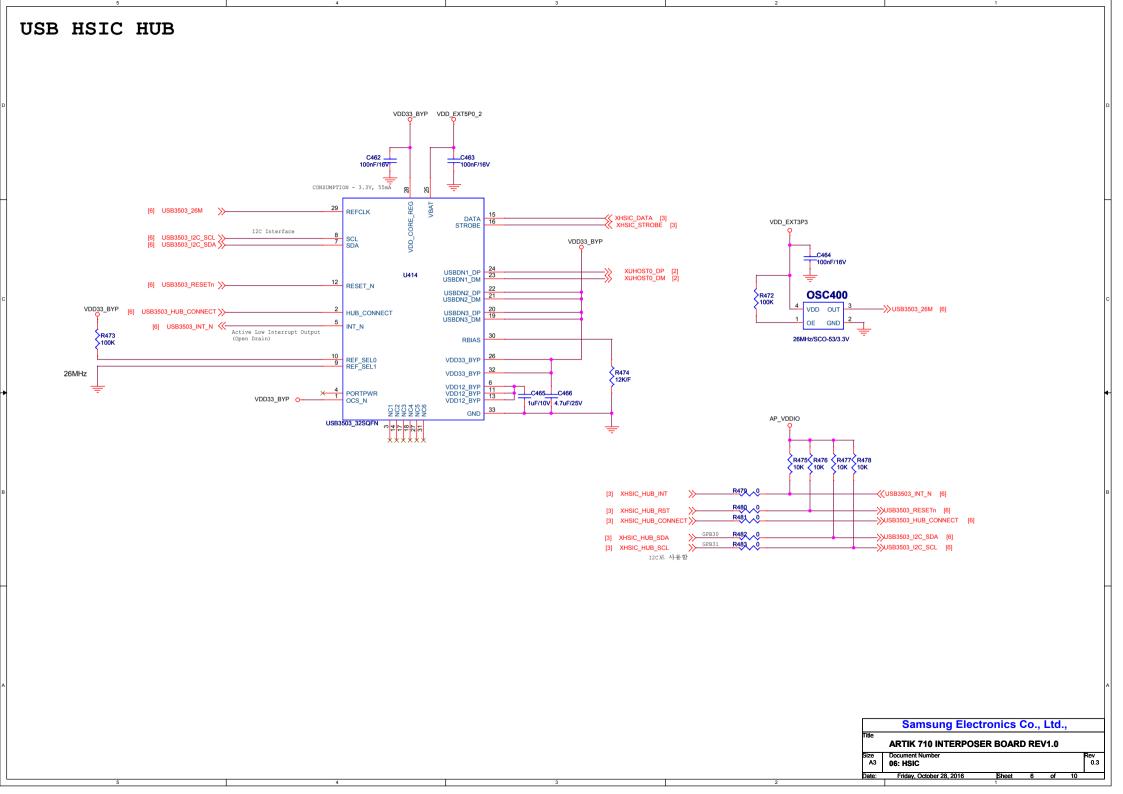
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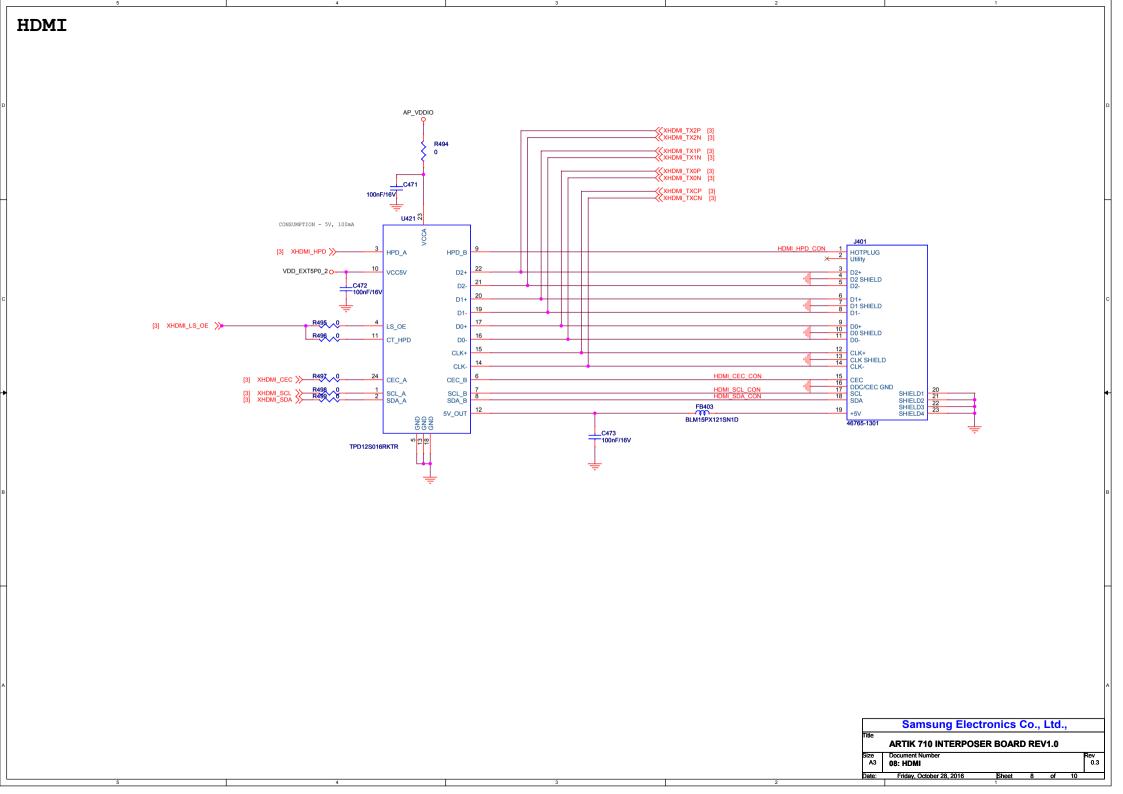


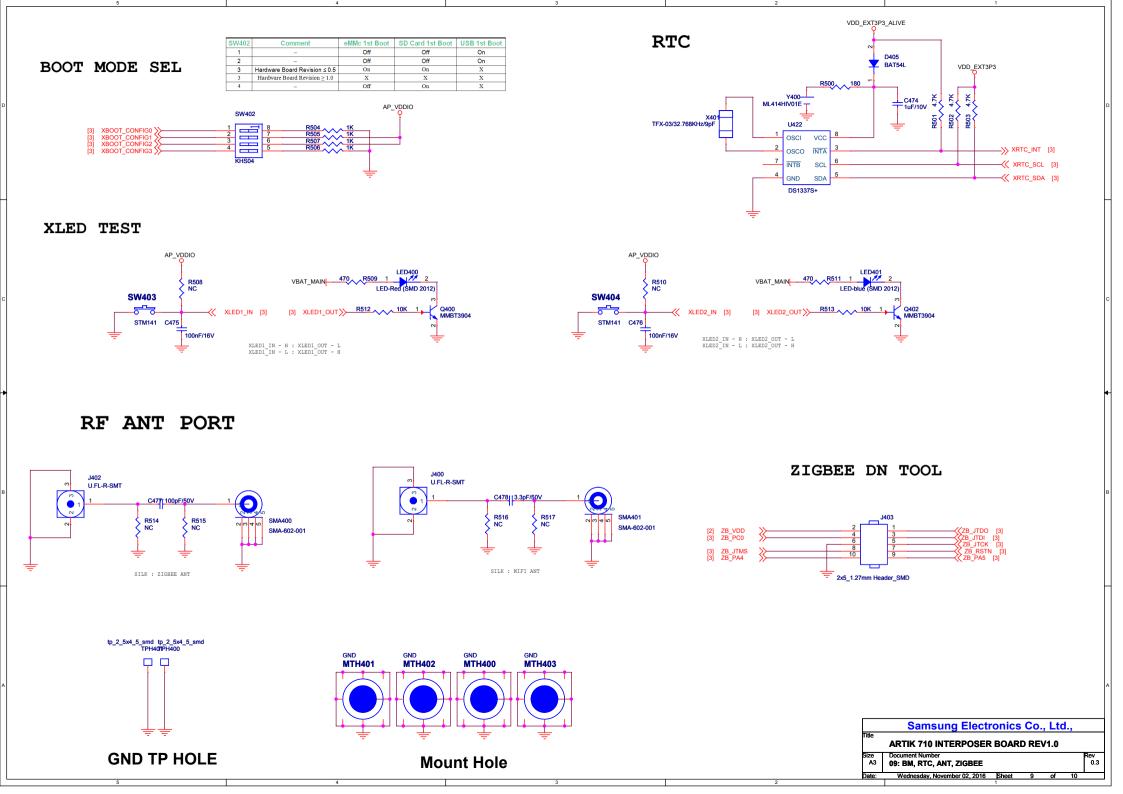






LVDS U415 XLVDS\_DN0 XLVDS\_DP0 ->>LVDS\_TN0\_F [7] ->>LVDS\_TP0\_F [7] IIO3 1101 104 102 GND GND CON404 AXE640224 ICMEF112P900MFR 0 \_ \_ \_ R484 U416 XLCD\_PWMOUT [3] 1 3 3 5 5 7 LVDS\_TNCLK\_F LVDS\_TPCLK\_F 0 R485 0 R486 0 R487 0 R488 0 R489 0 R490 0 R491 0 R492 XLVDS\_DN1 XLVDS\_DP1 ->>LVDS\_TN1\_F [7] ->>LVDS\_TP1\_F [7] XLCD\_RESET XLCD\_GPIO XTSP\_SCL XTSP\_SDA XTSP\_RESET XLCD2\_GPIO1 XTSP2\_GPIO1 XTSP2\_INT IJO3 1|01 IJO4 GND IJO2 GND [7] LVDS\_TN4\_F [7] LVDS\_TP4\_F 11 11 13 13 15 15 17 17 19 19 21 21 23 23 25 25 27 27 29 31 33 35 35 37 37 39 ICMEF112P900MFR [7] LVDS\_TN3\_F [7] LVDS\_TP3\_F U417 LVDS\_TN2\_F LVDS\_TP2\_F 0 \_ \_ \_ R493 XLVDS\_DN2 XLVDS\_DP2 ->>LVDS\_TN2\_F [7] ->>LVDS\_TP2\_F [7] LCD2\_ID [2] I|03 I|04 1|01 102 LVDS\_TN1\_F GND GND [7] LVDS\_TN1\_F[7] LVDS\_TP1\_F ICMEF112P900MFR [7] LVDS\_TN0\_F [7] LVDS\_TP0\_F U418 OVBAT\_MAIN 40 XLVDS\_DN3 XLVDS\_DP3 ->>LVDS\_TN3\_F [7] ->>LVDS\_TP3\_F [7] I|O3 1|01 IJO2 GND I|O4 GND 4444 ICMEF112P900MFR U419 XLVDS\_DN4 XLVDS\_DP4 ->>LVDS\_TN4\_F [7] ->>LVDS\_TP4\_F [7] I|03 I|04 ||01 ||02 VBAT\_MAIN ĠND GND ICMEF112P900MFR 100nF/16VC468 100nF/16VC467 100nF/16VC469 100nF/16VC470 U420 XLVDS\_DNCLKXXLVDS\_DPCLKX ->>LVDS\_TNCLK\_F [7] ->>LVDS\_TPCLK\_F [7] IJO3 1|01 IJO2 GND 104 GND ICMEF112P900MFR Title **ARTIK 710 INTERPOSER BOARD REV1.0** Size Document Number Rev 0.3 07: LCD LVDS DISPLAY Friday, October 28, 2016 Sheet of





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REV #.#	DATE	REVISION HISTORY	REV #.#	DATE	REVISION HISTORY
0.1	16.05.29	SW2, 3 - ST타입으로 변경			
	16.05.31				
	16.06.02				
		CON6 - AXE640224으로 변경, 39PIN - 삭제			
0.2	1	BM - SILK 수정			
0.3	16.06.23	JP1 - SMD로 변경			
		reference number 변경			
	16.06.24	XBASE_PWRON 회로 변경			
		LED402 추가			
	16 07 10	R415 삭제			
	1	C440, 441 - 12pF으로 튜닝			
	1	C440, 441 - 27pF으로 원복			
		C478 - 3.3pF으로 튜닝			
0.3	16.09.28	U402 - PAL31 PAD NAME -			
	1.6.10.00	AP_GPD4_VID1_3_BOOT -> AP_GPB4_VID1_3_BOOT			
	16.10.28	BOOT CONFIG TABLE 변경			
					Samsung Electronics Co., Ltd.,
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