

REV HISTORY

50406 --> 050507

- ※ PAGE2 R4 추가 회로도 누락, J3 PIN1,2,3, PIN NAME 변경
- ※ PAGE3 C699,C700,C701,C702,C703,C704 추가
- ※ PAGE4 D51,D52 삭제후 D51 PATTERN SHORT
- ※ PAGE5 D54,D55 삭제후 D54 PATTERN SHORT
- ※ PAGE7 R864 LVDS쪽 PATTERN 변경 J9 PIN2,4,6,8 LINE 변경
- ※ PAGE8 R162 출력 LINE 변경,R865,R866,R867,R868,R869,R870 추가
- ※ PAGE9 D41,D44 삭제 후 PATTERN SHORT D42,D45 부품 변경. (1SR154-400 --> ES2DA)
- ※ PAGE10 R826,R827 시정수 변경,LCD POWER 부분 회로 변경

050507 --> 050604

- ※ PAGE1 J1 24PIN 에서 20PIN 으로 변경,J3 PIN 5,6,7,8 N.C, R4 삭제,U107 PIN16,17 출력단 BUFFER 추가
- ※ PAGE3 R1 삭제
- ※ PAGE4 SCART1_G ,HDY1 LINE CAP 추가
- ※ PAGE5 SCART2_G,VY LINE CAP 추가
- ※ PAGE7 P5 TYPE 변경 LG 에서 연호 12507-20PIN 으로
- ※ PAGE8 U114 PIN4,12 LINE 삭제 (MMP LINE 삭제)U115 PIN5 LINE 삭제,PIN6 FAN_CONTROL 로 변경
- ※ PAGE9 U136 삭제 및 회로 변경
- ※ PAGE11 MMP OPTION 삭제, LINE 변경
- ※ PAGE12 FAN_CONTROL 연결,R819 삭제,R822 전원 과 연결,R140 시정수 변경

050604 --> 050609

- ※ PAGE3 P3 PIN17,19 SWAP(RX,TX LINE)
- ※ PAGE4 NOISE 제거용 CAP 8 POINT추가
- ※ PAGE5 NOISE 제거용 CAP 8 POINT추가
- ※ PAGE7 TEST용 PIN 삭제,10BIT용 TEST PIN LINE 추가 및 부품변경
- ※ PAGE12 FAN_CONTROL 회로변경

050609 --> 050610

- ※ PAGE3 R675,R676,R674 와 GREEN BUFFER & C1,C2 위치 서로 변경(MIK 사용시 D-TV ON후 COMPOSITE Y SIGNAL 로 VIDEO SIGNAL 입력시 화면 않나옴 개선 MASTER 사용시 는 이상 없음.)
- ※ PAGE8 U115 PIN6 J2 CONTROL SIGNAL 연결
- ※ PAGE9 218POWER 원상 복귀 함.
- ※ PAGE10 TSNDLINE FILTER 추가함, U3 PIN80 VAVS ON LINE과연결 시킴(POP NOISE 대책)
- ※ PAGE11 PIN2,3 GND 연결 PIN1 J2 CONTROL SIGNAL 연결

050610 --> 050706

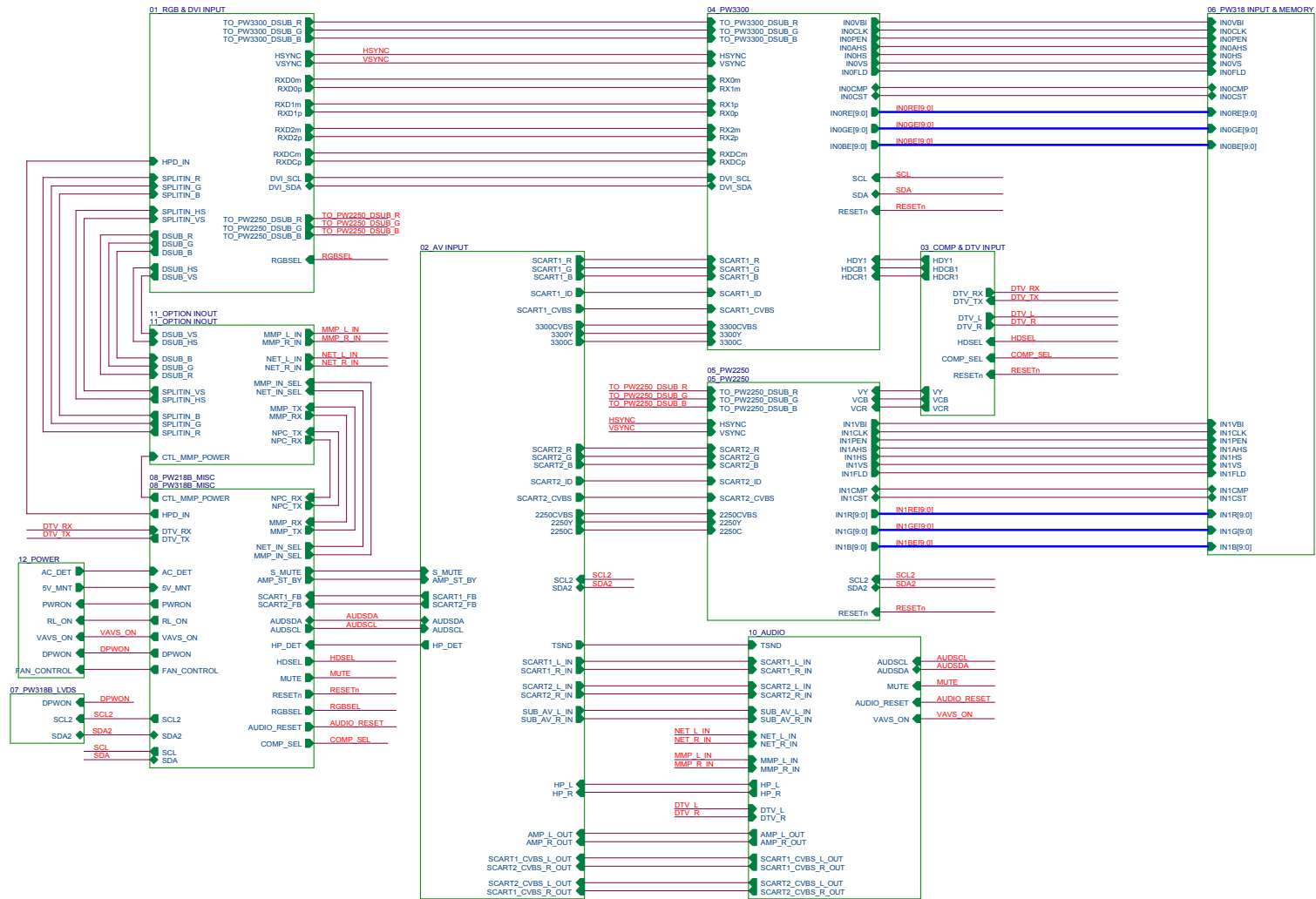
- ※ PAGE1 U102 전원 3.3V 에서 5V 로 변경
- ※ PAGE2 U107 통신 LINE 변경(분리),PAL OPTION 변경, VIDEO 출력 LINE BUFFER 추가,J1 PIN 수량 변경(42-->20)
- ※ PAGE3 U108,U109,U138 전원 3.3V 에서 5V 로 변경
- ※ PAGE4 NOISE 제거용 RA 4 POINT추가(RP133,RP134,RP135,RP136)
- ※ PAGE5 U101삭제,관련된 부품 삭제,L108 전원 입력 부분 변경
- ※ PAGE8 통신 LINE 변경, ESD 보호용 VARISTOR 추가,
- ※ PAGE9 D44,D45 DIODE 변경 (1A --> 2A)
- ※ PAGE10 R896 시정수 변경 (초기 ON 문제)
- ※ PAGE12 POWER SAVING CONNECTOR 추가,MUX POWER 변경(3.3V --> 5V), CAP TYPE 변경 (POINT 회로도 참조),L137 N.C 처리

050706 --> 050822

- ※ PAGE1 DVI 출력 부품 변경 및 삭제.(R637,R642,R630,R636,R627,R629,R645,R643 저항을 비드로 교체 R639,R628,R631,R644 삭제)
- ※ PAGE2 J2 PIN19 연결 변경(R102와 연력 LINE 삭제),J3 PIN8 MUTE 연결(EXT_MUTE 와 연결 시킴 AUDIO OUT 제어용)
- ※ PAGE3 P3 12V 전원 LINE 변경,
- ※ PAGE4 U13 PIN T2,T4 GND와 연결, R70 용량값 변경 (560 --> 499)
- ※ PAGE5 U17 PIN T2,T4,G2,G3,E2,E3,F1,F2,F3,G1 GND 와 연결
- ※ PAGE7 46INCH 용 LCD POWER CONNECTOR 추가.
- ※ PAGE8 MUTE 연결 변경,Q40 PIN 1,3 V33 과연결 Q40 4,6 LINE 연결 변경(ART WORK MISS).R902 삭제
- ※ PAGE10 R921,R922,C751 추가,U120,Y6 TYPE 변경
- ※ PAGE12 R813,FB5 부품추가(PDP OPTION),C625,C637,C513 부품 변경 (원가 절감),R815,R817 용량값 변경(PDP OPTION),J14 PIN 11,12 연결 변경

050822 --> 051004

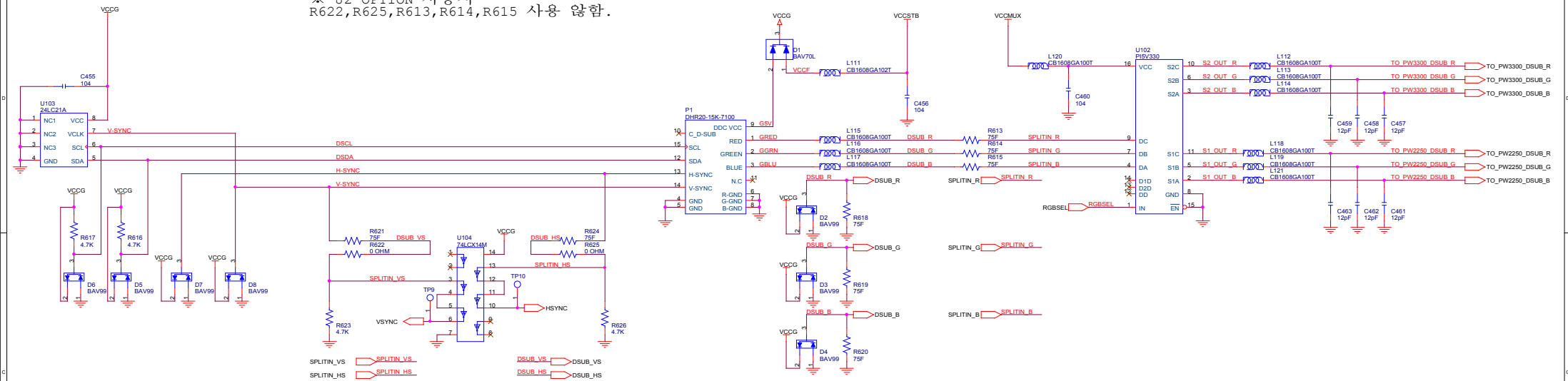
- ※ PAGE3 R923,R924 추가(방전용 저항)D20,D21,D22 삭제후 V9,V10,V11 추가(SURGE 보호용),C506,C507,C508 삭제후 R925,R926,R927추가
- ※ PAGE4 R609 470HM --> 0 OHM 으로 변경
- ※ PAGE8 U118 PIN20 GND 와열결
- ※ PAGE12 L138 N.C L137 BEAD 사용



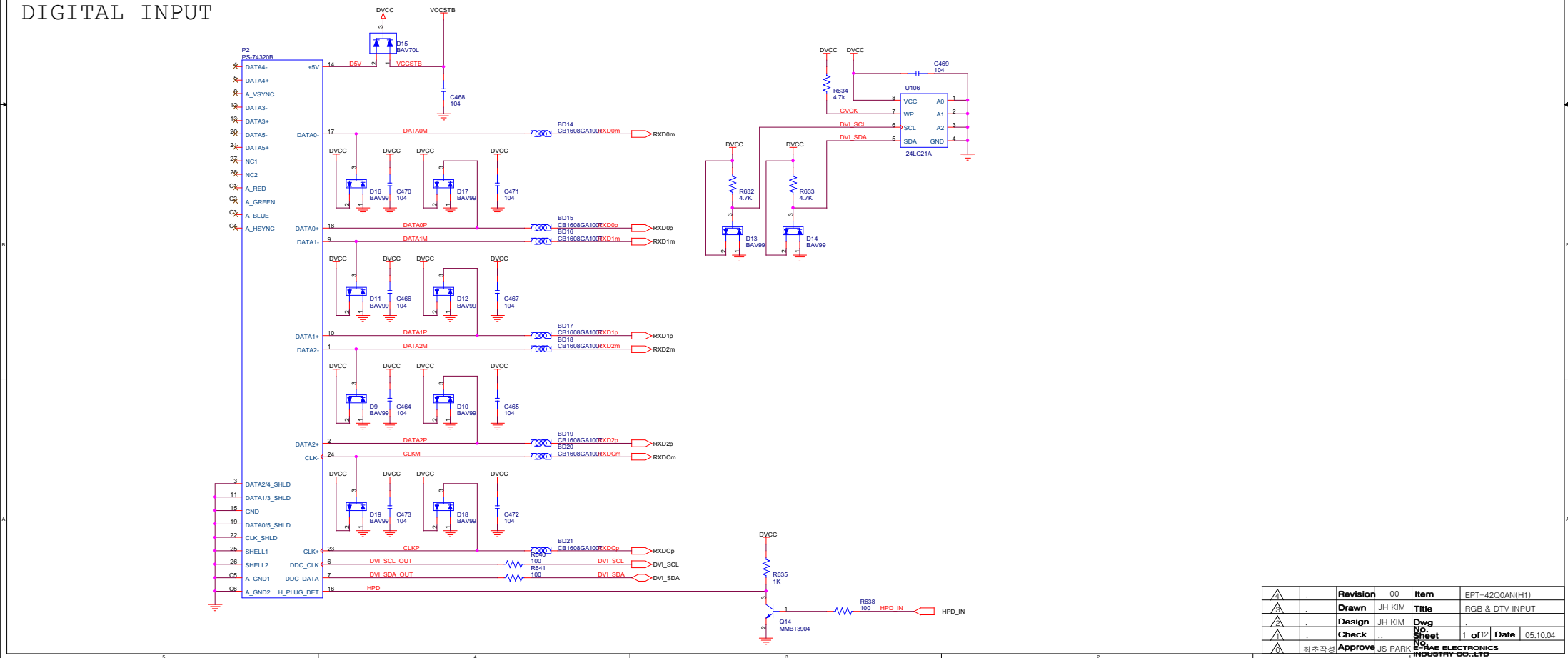
△	Revision	00	Item	EPT-42Q0AN(H1)
△	Drawn	JH KIM	Title	TOP
△	Design	JH KIM	Dwg	
△	Check	...	Sheet	1 of 1
△	최초작성	Approve JS PARK	Date	05.10.04
INDUSTRIAL ELECTRONICS				

ANALOG INPUT

※ J2 OPTION 사용시
R622, R625, R613, R614, R615 사용 않함.

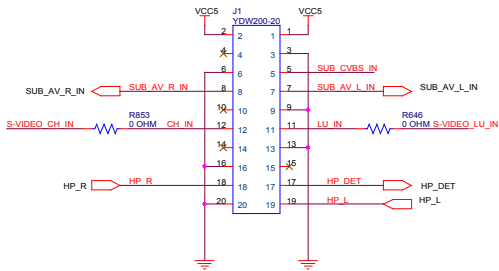


DIGITAL INPUT

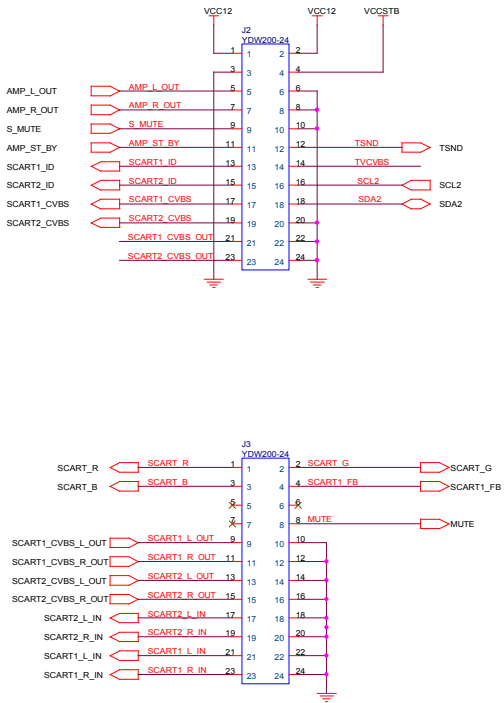


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④	.	Design	JH KIM	Dwg		
④	.	Check		No. Sheet	1 of 12	Date 05.10.04
④	.	Approve	JS PARK	DAE ELECTRONICS INDUSTRY CO., LTD		

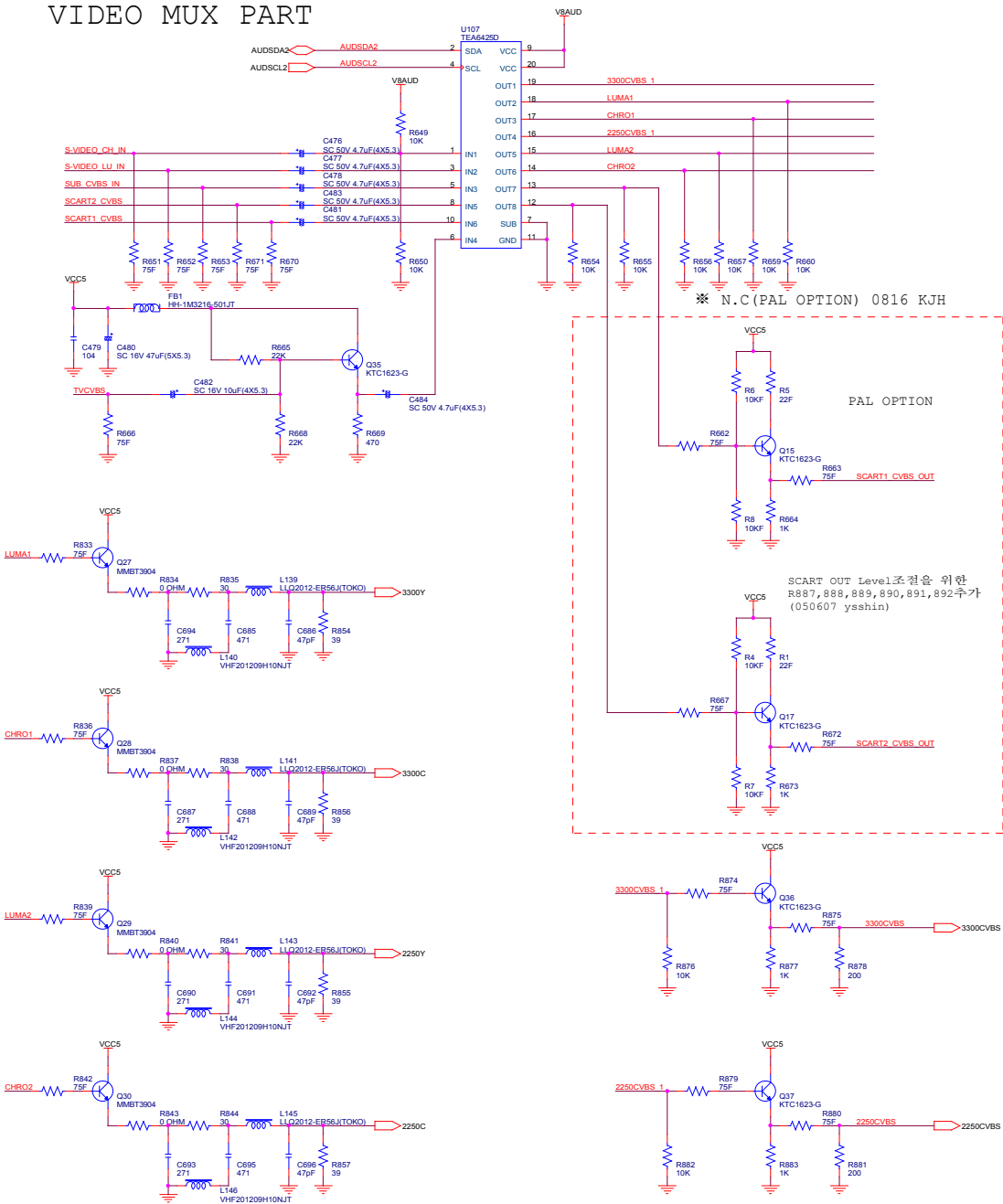
SUB A/V INPUT CONNECTOR



TUNER & SCART INPUT

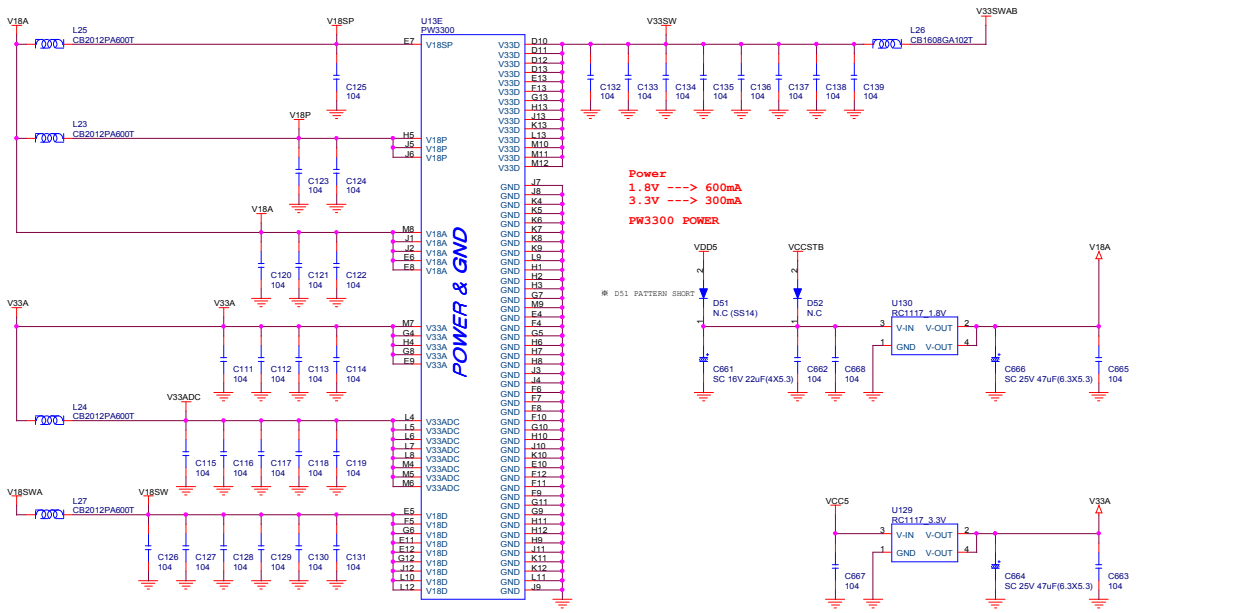


VIDEO MUX PART

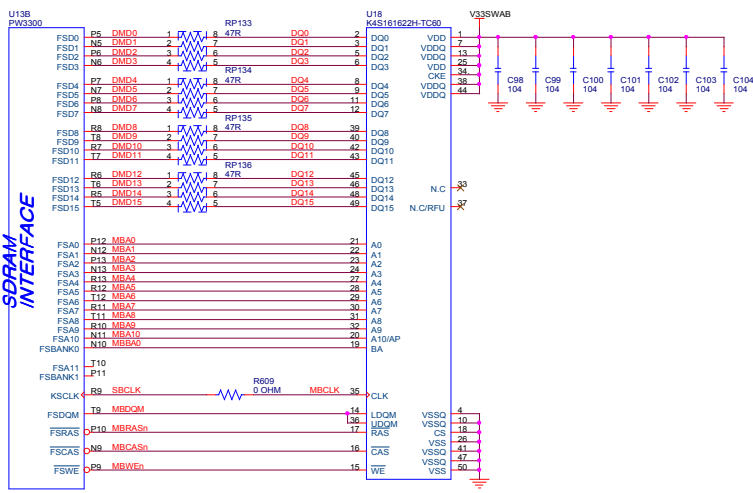


△	Revision	00	Item	EPT-42Q0AN(H1)
△	Drawn	JH KIM	Title	AV INPUT
△	Design	JH KIM	Dwg	
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△	최초작성	Approve JS PARK	Date	05.10.04
INDUSTRY CO., LTD.				

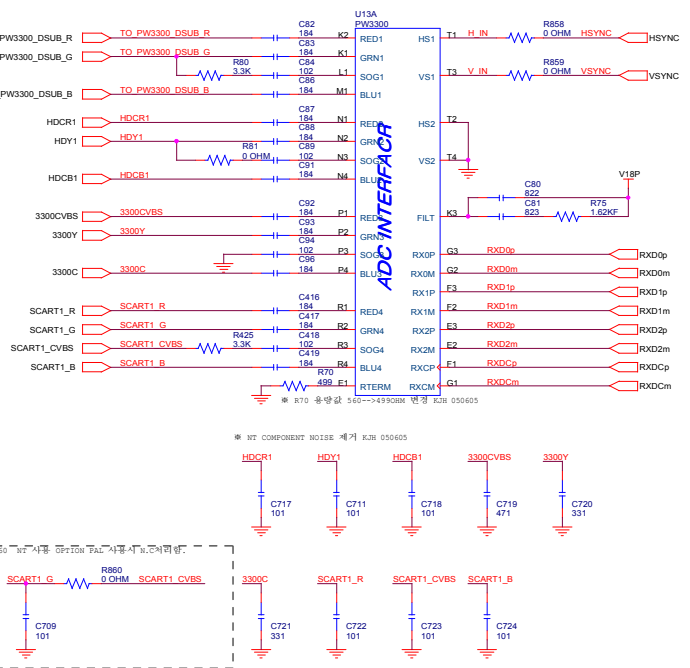
3300 POWER PART



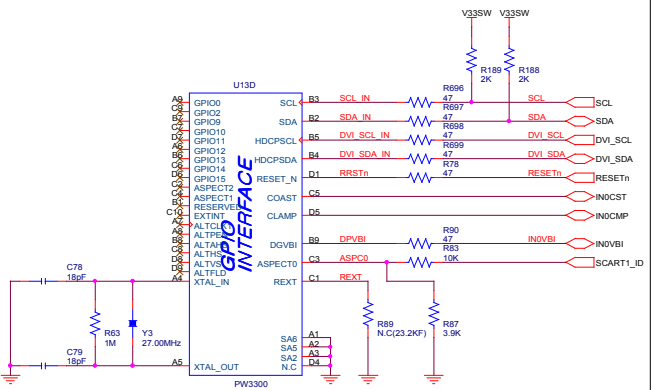
3300 SDRAM INTERFACE & SDRAM PART



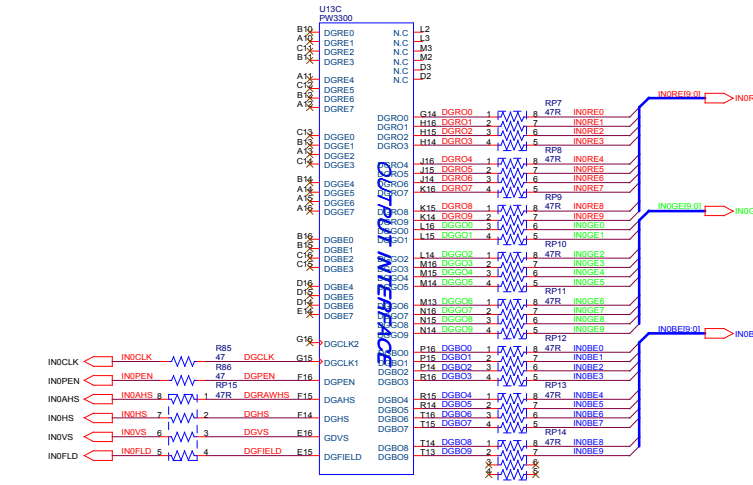
3300 ADC INPUT PART



3300 GPIO INTERFACE PART

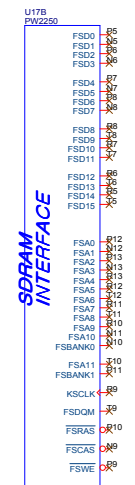
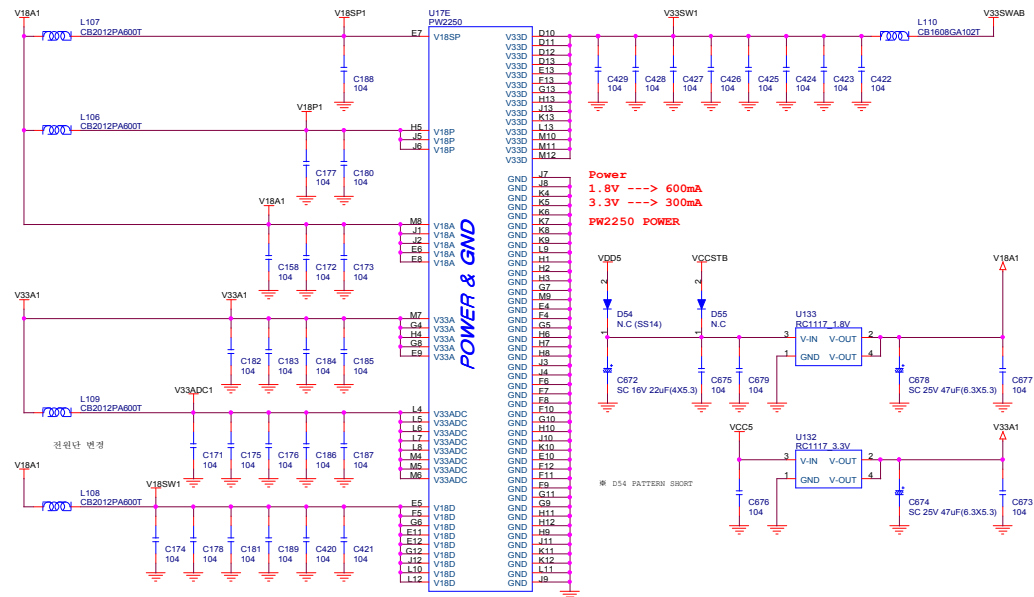


3300 DATA OUT PART

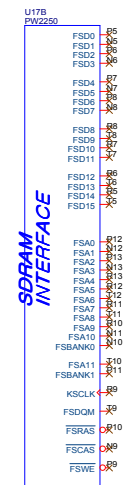


Revision	00	Item	EPT-42Q00N(H1)
Drawn	JH KIM	Title	PW3300
Design	JH KIM	Dwg	
Check		Sheet	4 of 2
최초작성	Approve JS PARK	Date	05.10.04

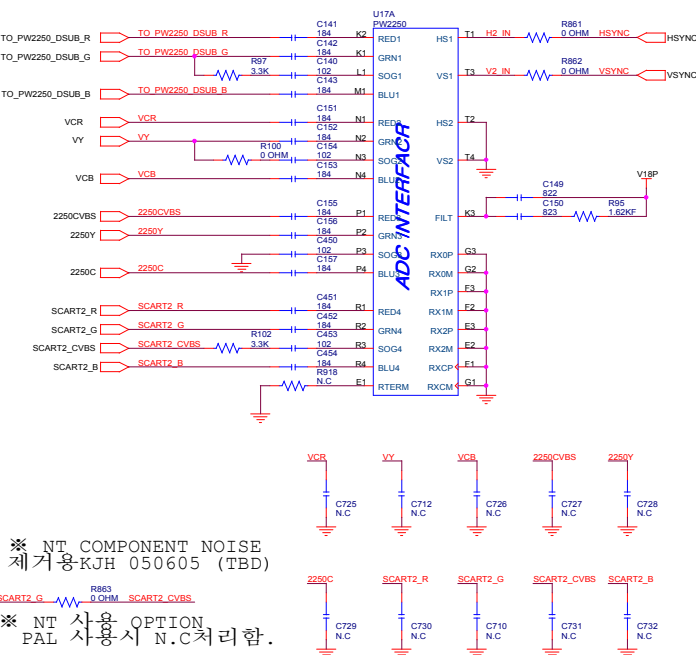
2250 POWER PART



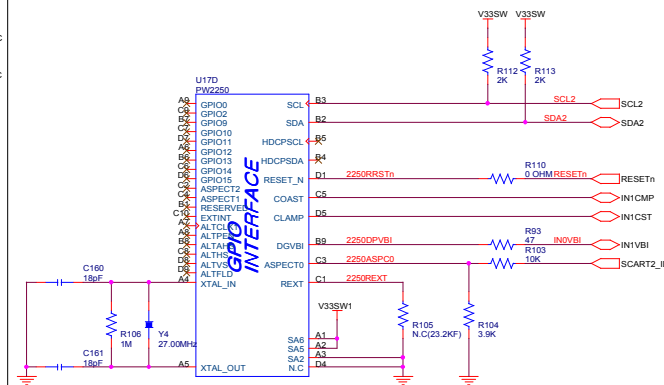
2250 SDRAM INTERFACE & SDRAM PART



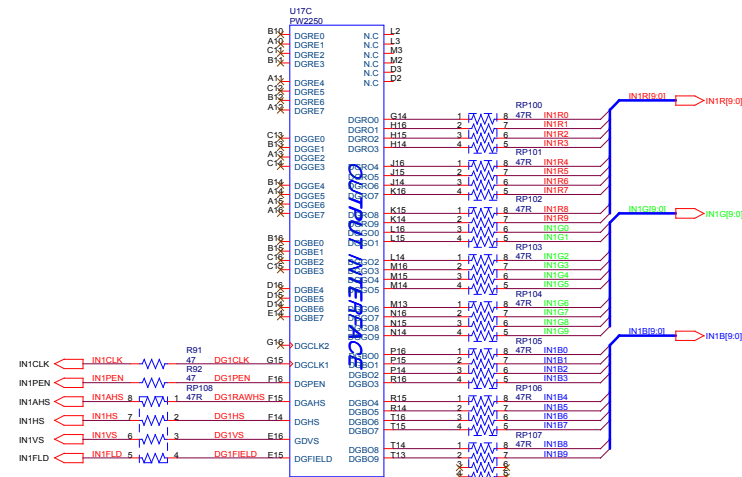
2250 ADC INPUT PART



2250 GPIO INTERFACE PART

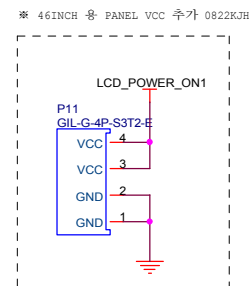
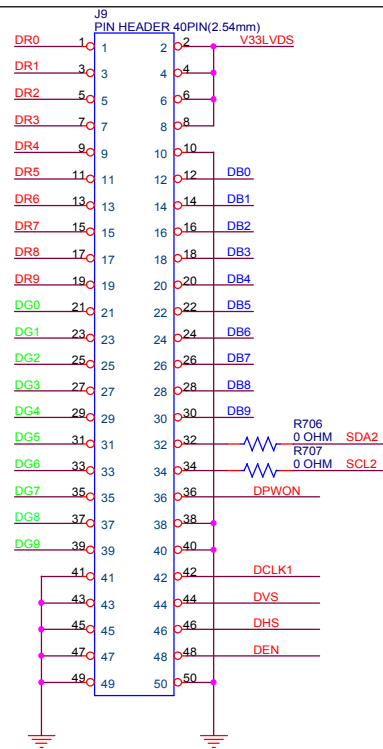
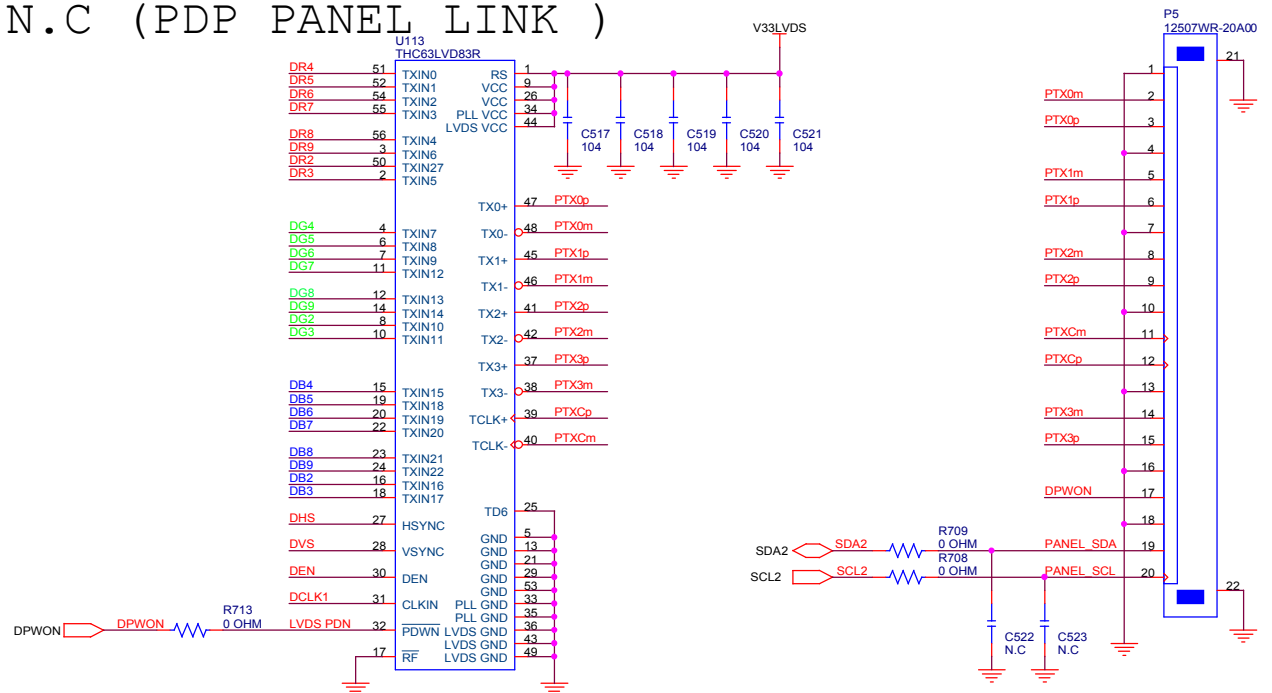
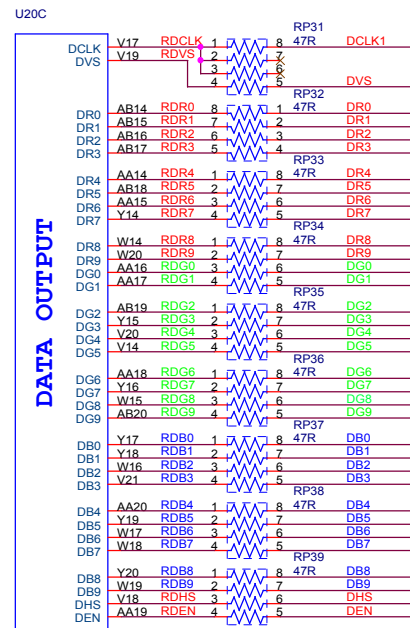


2250 DATA OUT PART

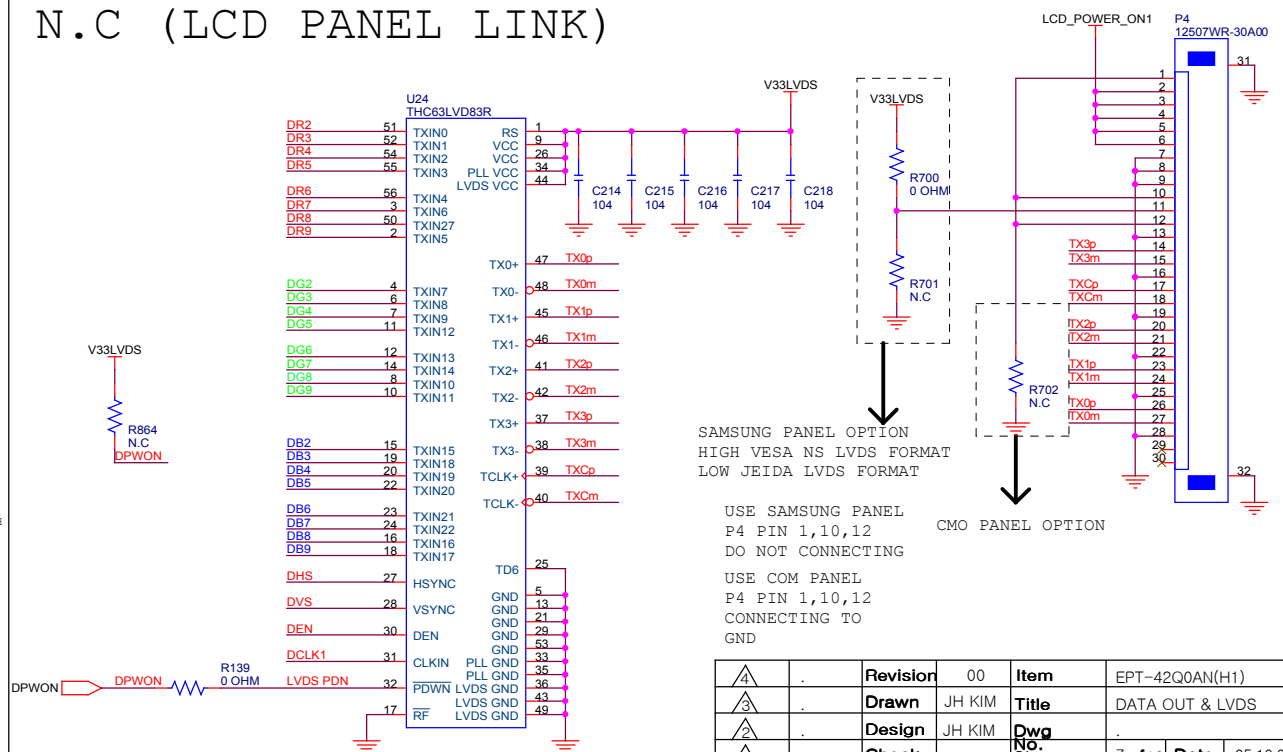


	Revision	00	Item	EPT-42QOAN(H1)	
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	Design	JH KIM	Dwg No		
	Check	..	Sheet	5 of 12	Date 05.10.04
	Approve	JS PARK	No	HAE ELECTRONICS INDUSTRY CO., LTD	

318B	DATA OUT PART	N.C (PDP PANEL LINK)
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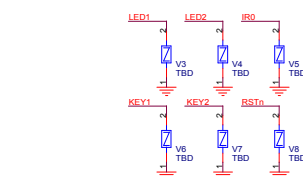
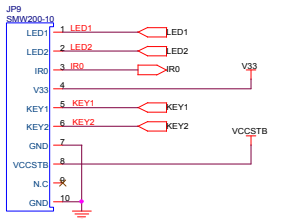


N.C (LCD PANEL LINK)

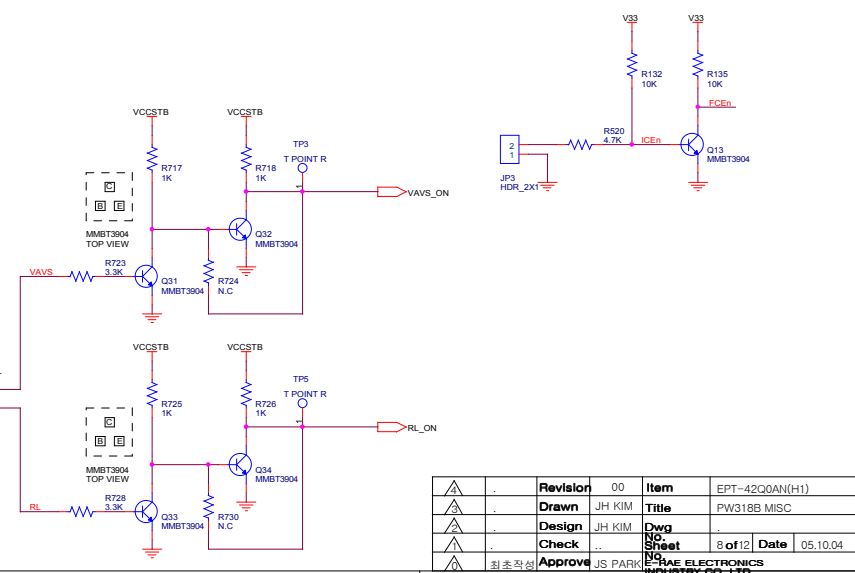
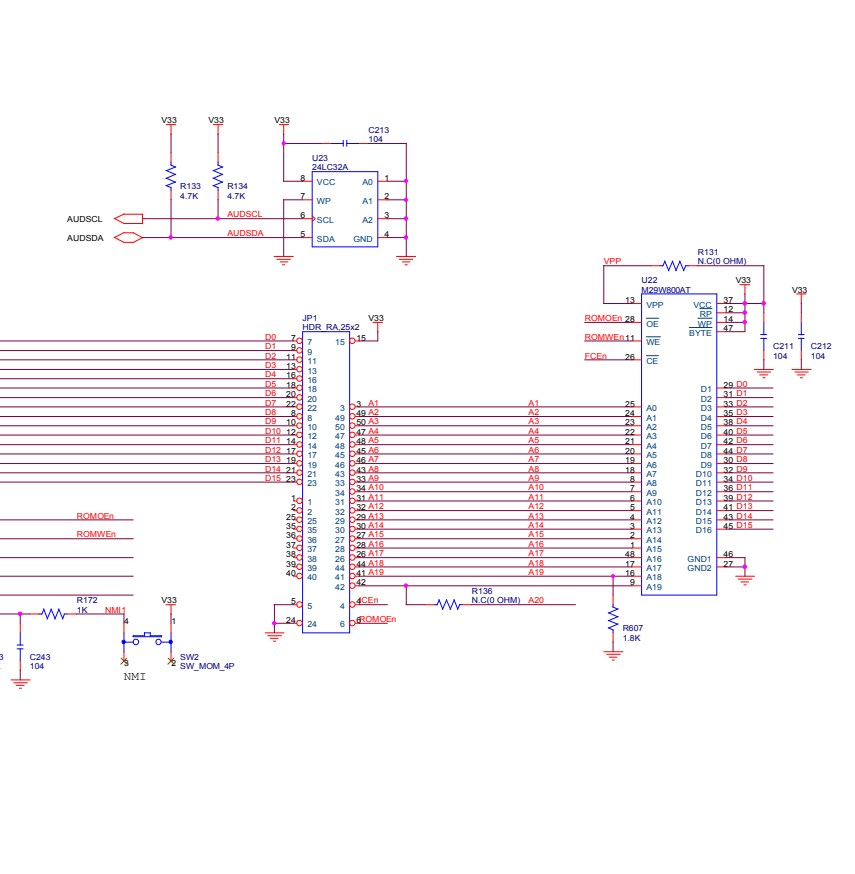
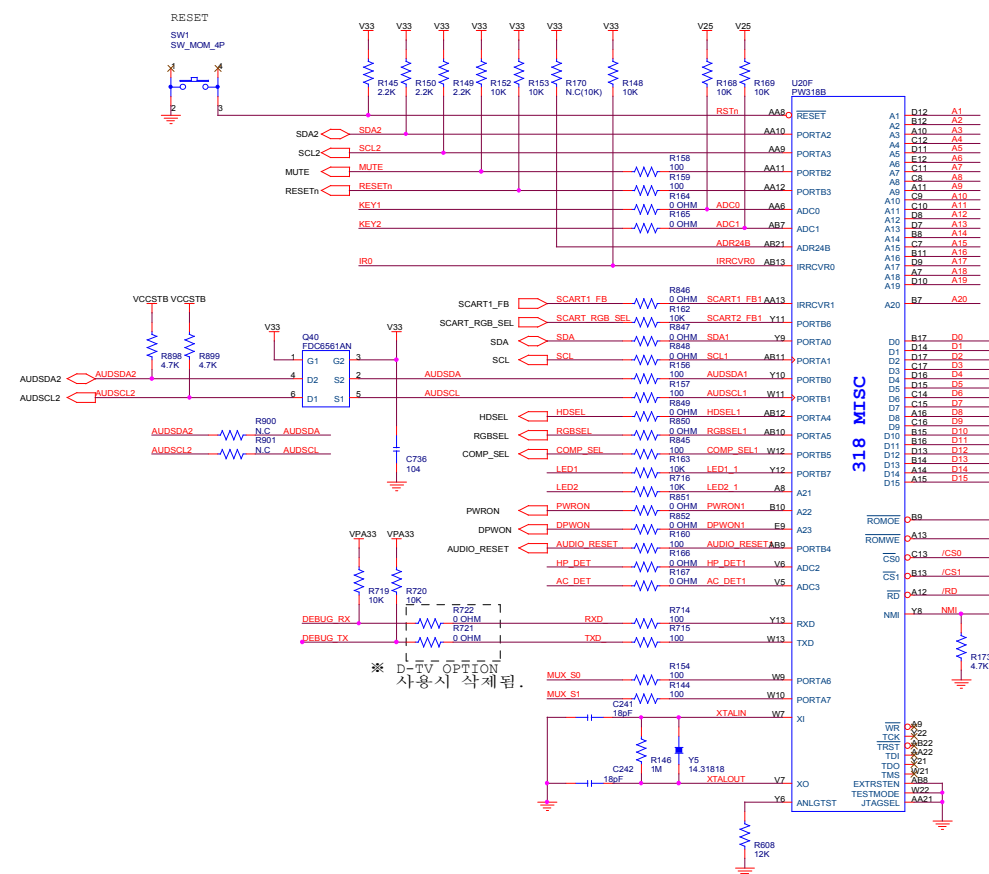
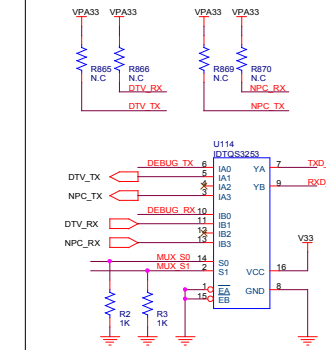


4	.	Revision	00	Item	EPT-42Q0AN(H1)		
3	.	Drawn	JH KIM	Title	DATA OUT & LVDS		
2	.	Design	JH KIM	Dwg No			
1	.	Check		Sheet	7 of 12	Date	05.10.04
0	최종작성	Approve	JS PARK	NO			
		HAF ELECTRONICS					
		INTEGRITY CO., LTD					

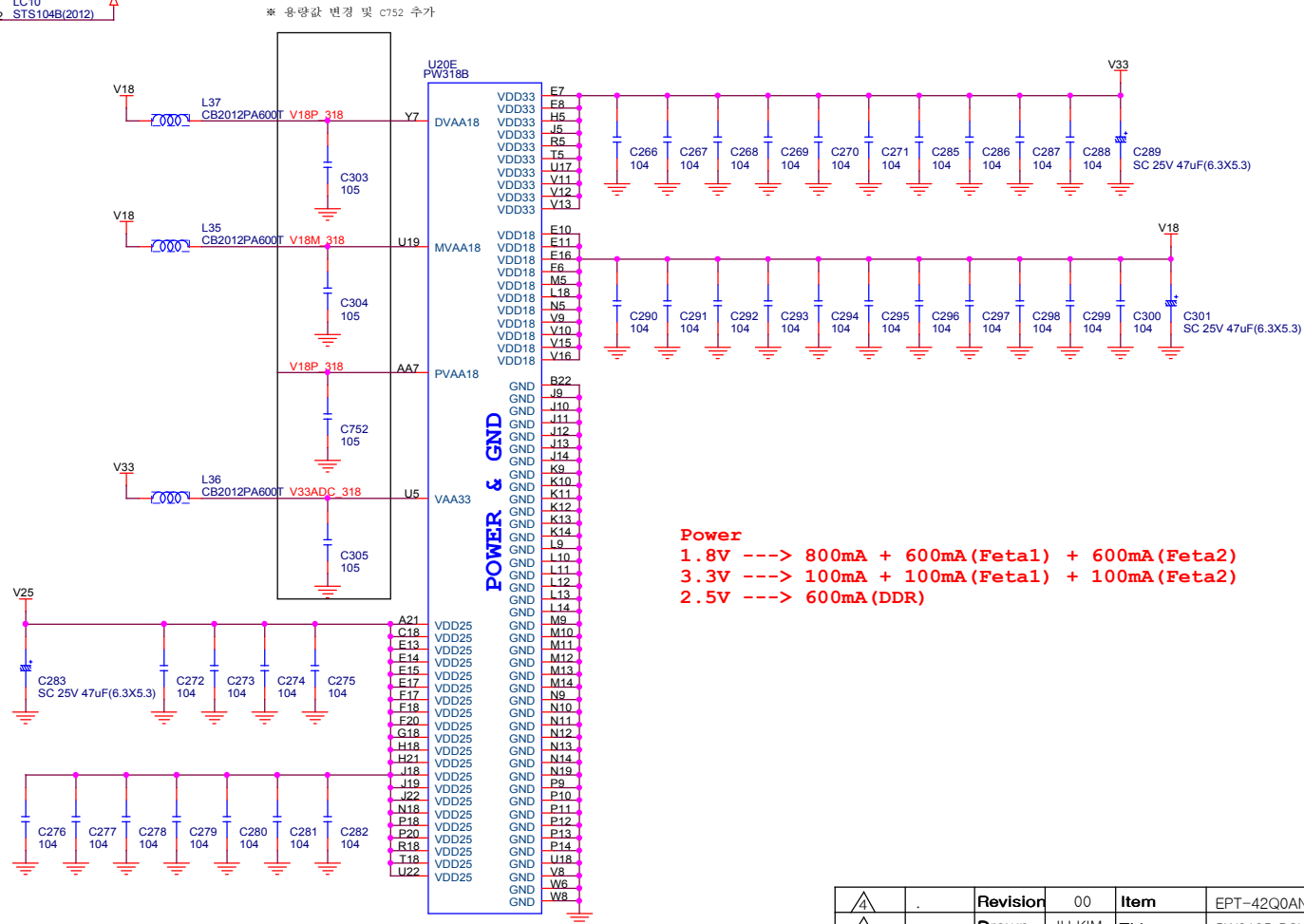
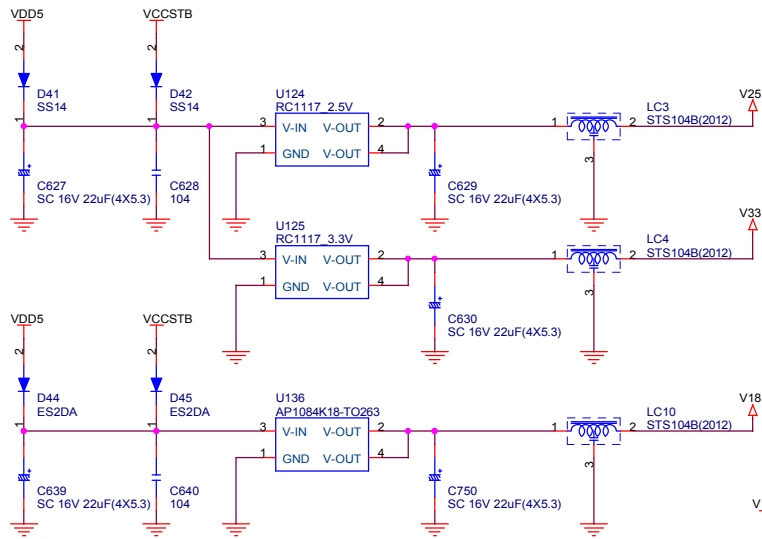
Key Pad & LED & IR CONNECTOR



D-TV, MMP, NETWORK OPTION

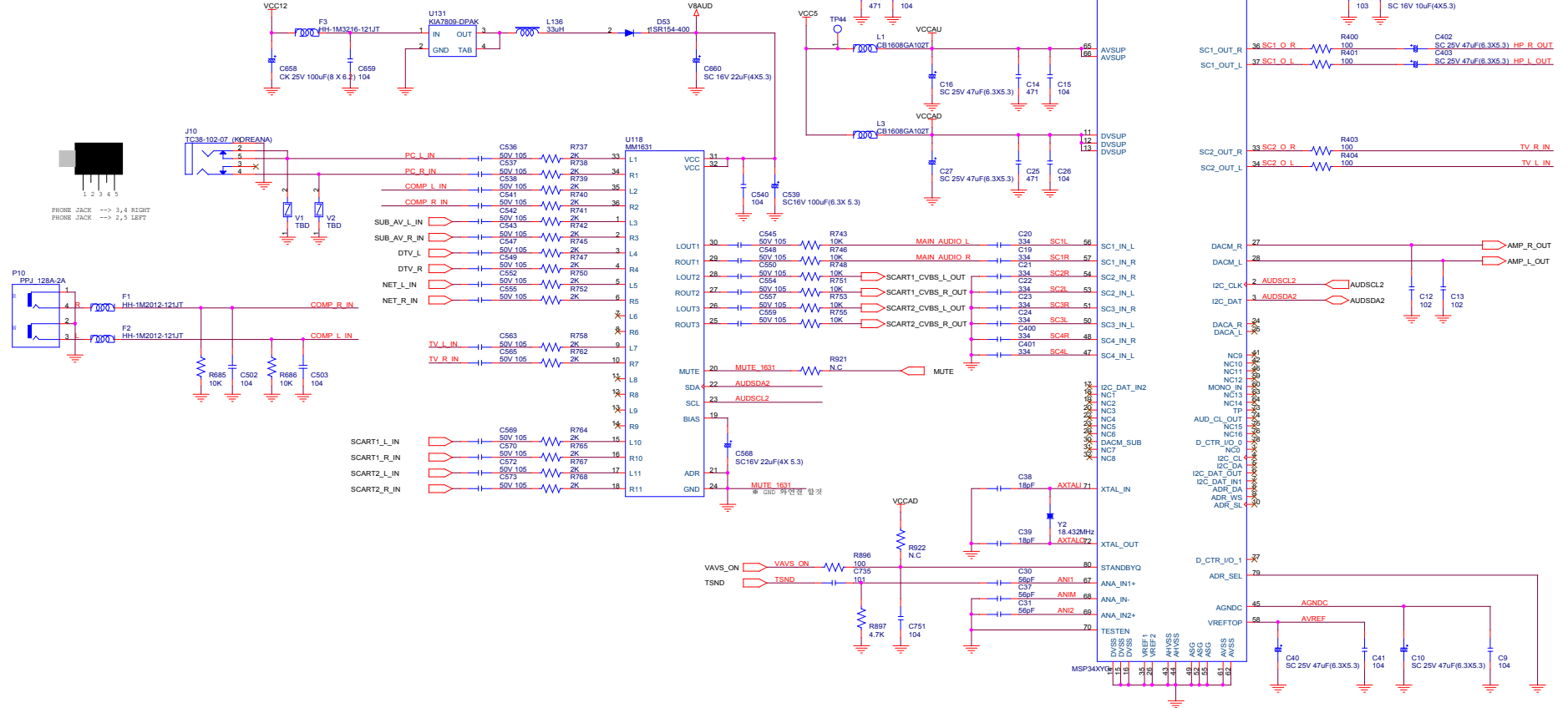


Revision	00	Item	EPT-42Q0AN(H1)
Drawn	JH KIM	Title	PW318B MISC
Design	JH KIM	Dwg No	100
Check	...	Sheet	8 of 12
Approve	JS PARK	Date	05.10.04



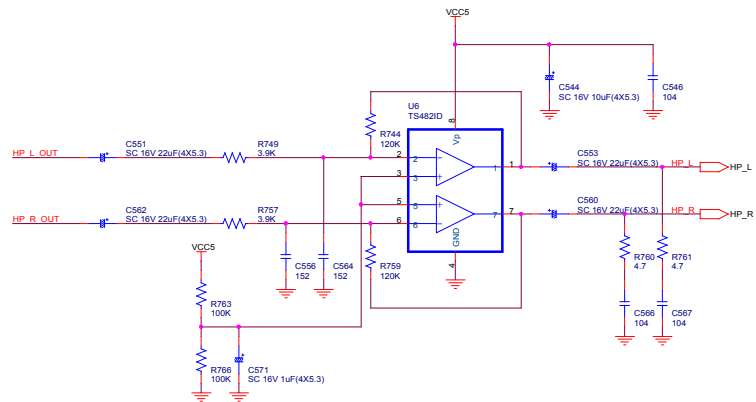
Power
 1.8V ---> 800mA + 600mA(Feta1) + 600mA(Feta2)
 3.3V ---> 100mA + 100mA(Feta1) + 100mA(Feta2)
 2.5V ---> 600mA(DDR)

4	.	Revision	00	Item	EPT-42Q0AN(H1)		
3	.	Drawn	JH KIM	Title	PW318B POWER		
2	.	Design	JH KIM	Dwg	.		
1	.	Check	..	No. Sheet	9	of 2	Date 05.10.04
0	최초작성	Approve	US PARK	No. Sheet	E-RAE ELECTRONICS		
					INDUSTRY CO., LTD		

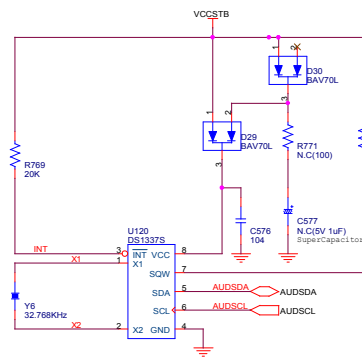


N.C

HEADPHONE OUT

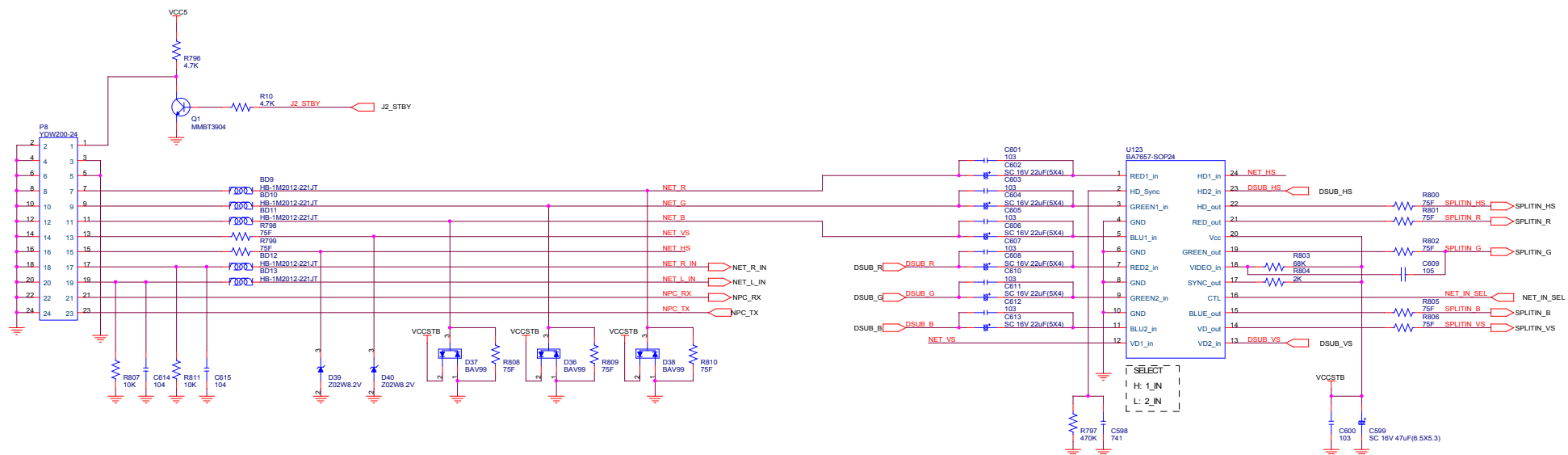


RTC PART



Revision	00	Item	EPT-42Q0AN(H1)
Drawn	JH KIM	Title	AUDIO
Design	JH KIM	Dwg No.	10012
Check	...	Date	05.10.04
Approve	JS PARK	Sheet	10 of 12
최초작성		DATE	05.10.04
INDUSTRY CO., LTD			

OPTION (NETWORK INPUT & MUXING)



△	Revision	00	Item	EPT-42Q0AN(H1)	
△	Drawn	JH KIM	Title	OPTION INPUT	
△	Design	JH KIM	Dwg		
△	Check	..	Sheet	11 of 12	Date 05.10.04
△	최종 작성	Approve JS PARK	N/AE ELECTRONICS INDUSTRY CO., LTD		

