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Smart Card 출입단말기

Model Name : LACT10-RS V1.6

Main Board: PS700MA01 V1.6

KeyPad Board: PS700KP01 V1.0

KeyPad Board: PS700KP01 V1.5

1. Contents
2. CPU Samsung S3C2410 200Mhz
3. Nor Flash Memory & SD RAM
4. Communication(RS232, RS485, Wiegand) / RTC
5. Voice, Buzzer, Lock Interface, Tamper
6. Power
7. LCD & KeyPad Interface
8. Ethernet
9. LACT10-R KeyPad Interface
10. LACT10-S KeyPad Interface

(주)유니온커뮤니티
기술연구소
2009. 10. 20

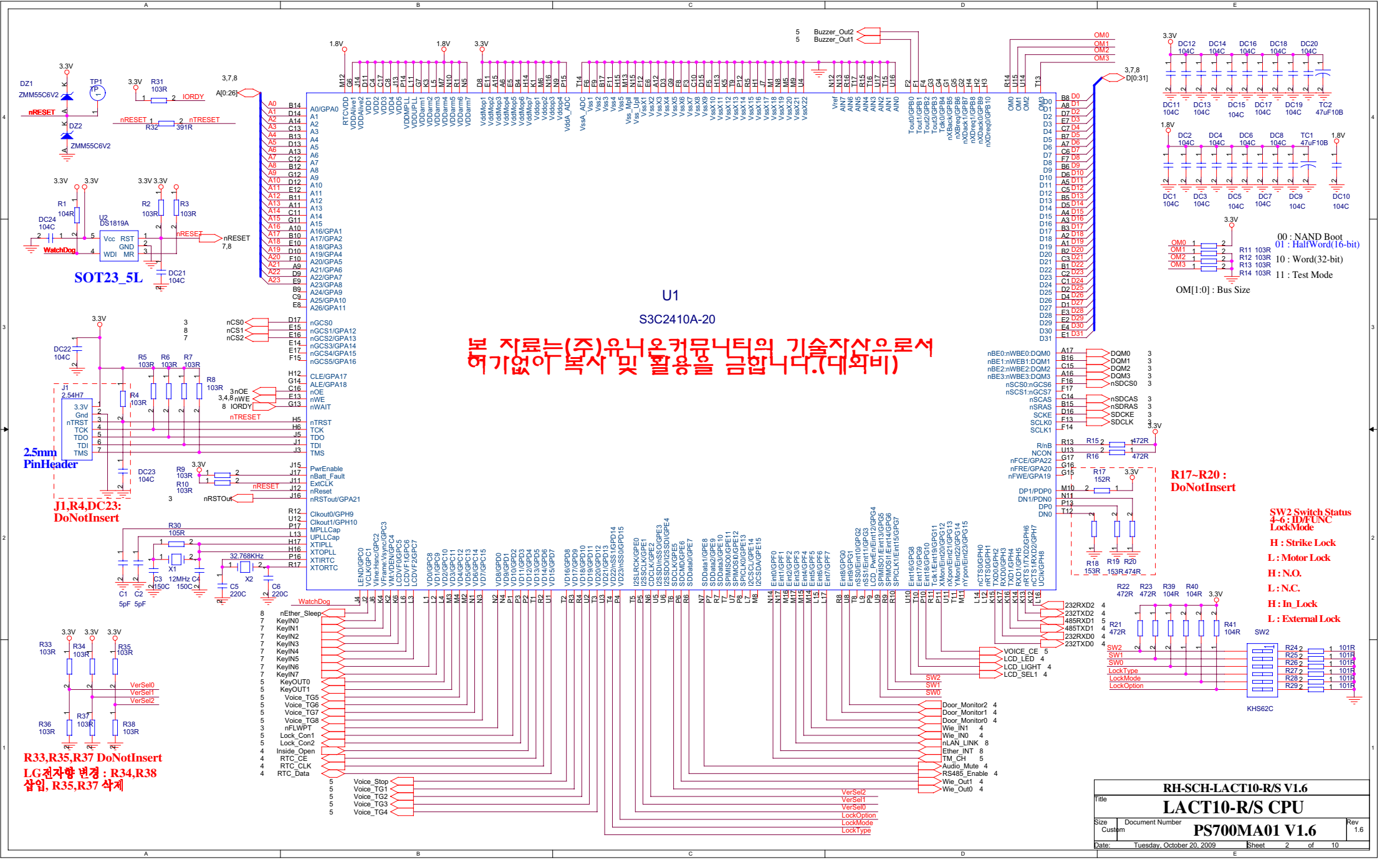
결 재	담 당	검 토	승 인
	10/20	/	

RH-SCH-LACT10-R/S V1.6

Title: LACT10-R/S Cover/Contents

Size: Custom | Document Number: LACT10-R/S V1.6 | Rev: 1.5

Date: Tuesday, October 20, 2009 | Sheet 1 of 10


U1
S3C2410A-20
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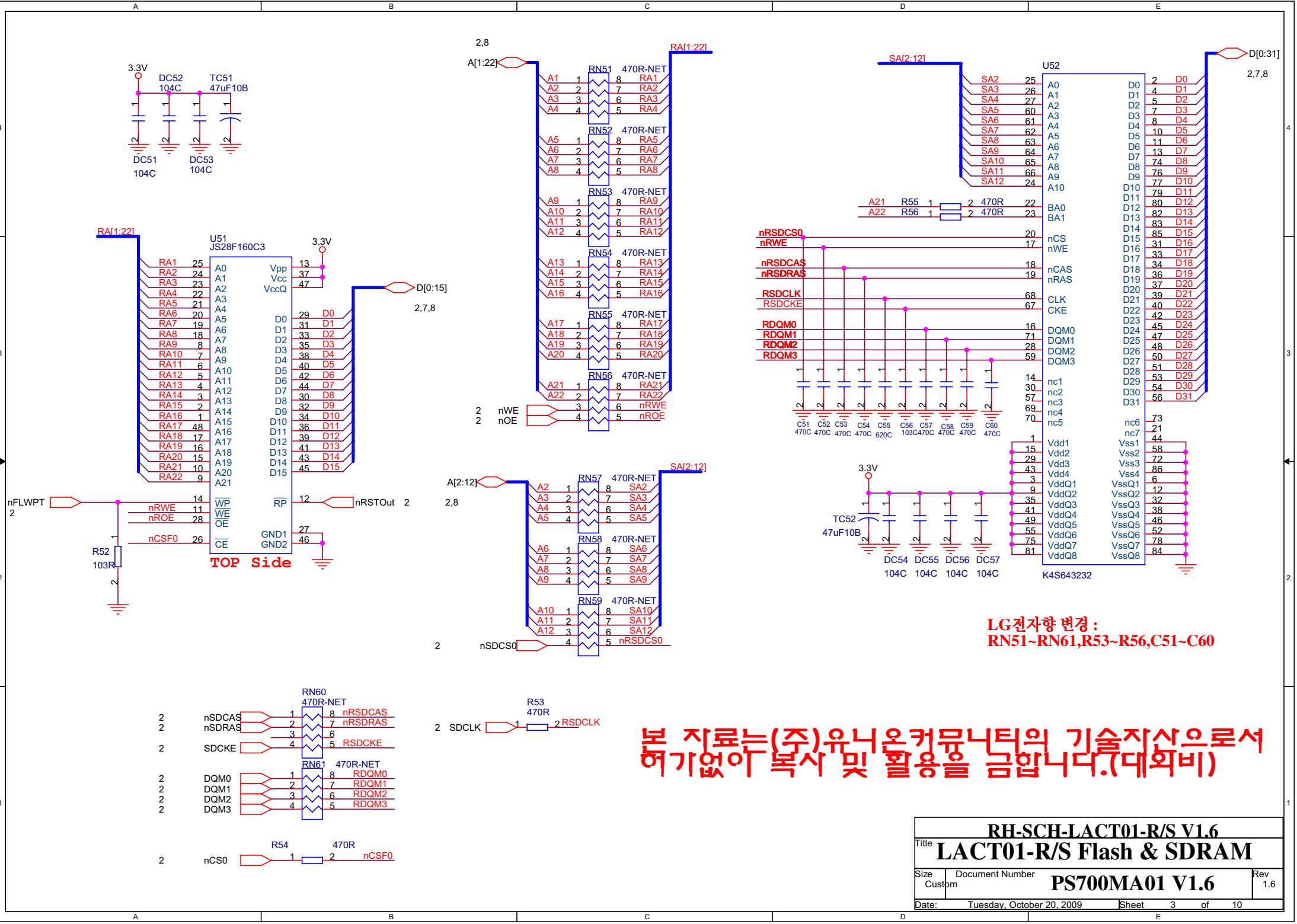
SOT23_5L
2.5mm PinHeader
J1,R4,DC23: DoNotInsert
R17~R20 : DoNotInsert
R33,R35,R37 DoNotInsert
LG전자향 변경 : R34,R38 삽입, R35,R37 삭제
00 : NAND Boot
01 : HalfWord(16-bit)
10 : Word(32-bit)
11 : Test Mode
OM[1:0] : Bus Size
SW2 Switch Status 4~6 : ID/FUNC LockMode
H : Strike Lock
L : Motor Lock
H : N.O.
L : N.C.
H : In_Lock
L : External Lock
KHS62C
RH-SCH-LACT10-R/S V1.6
LACT10-R/S CPU
PS700MA01 V1.6
Tuesday, October 20, 2009
Sheet 2 of 10



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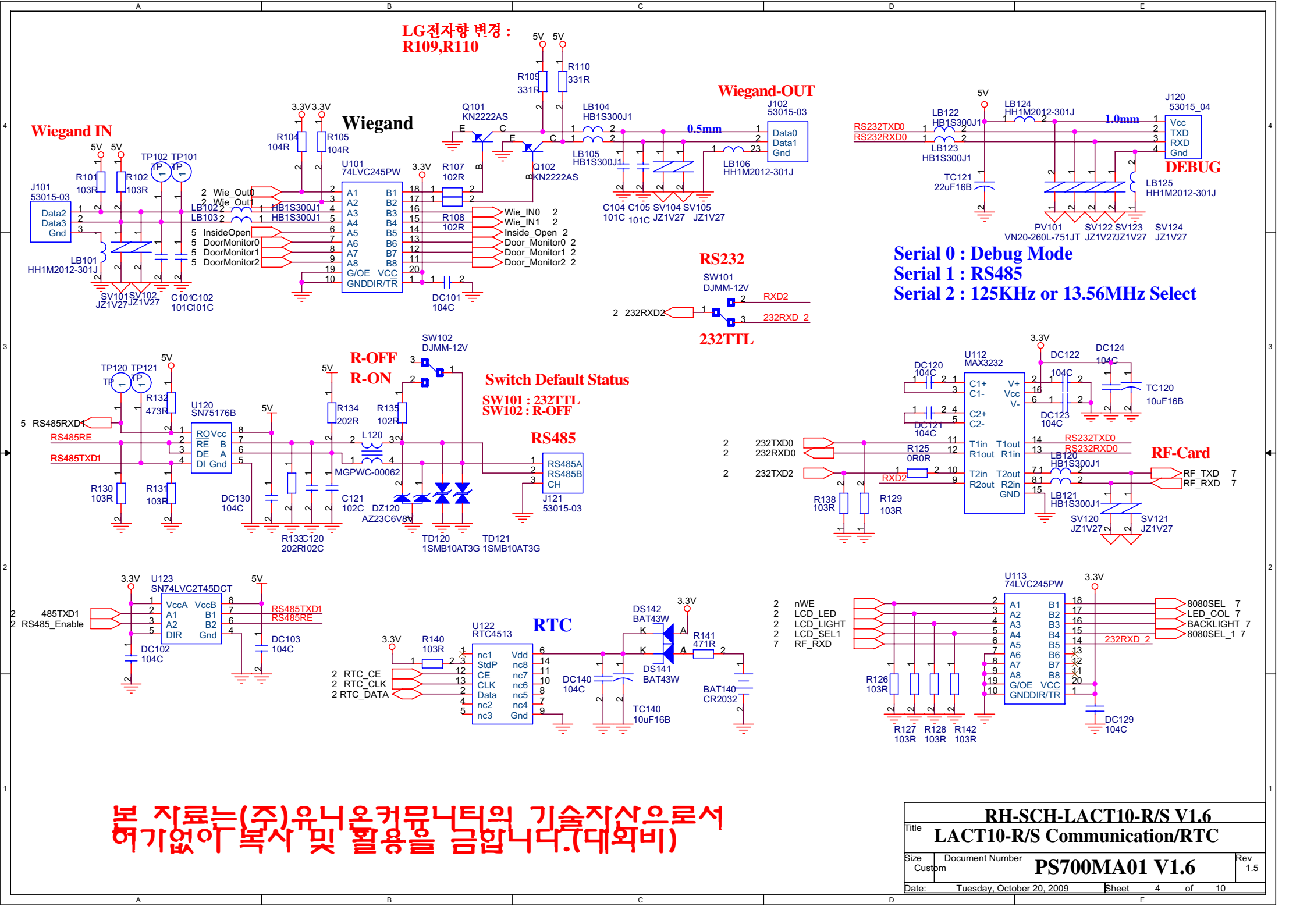
RH-SCH-LACT01-R/S V1.6			
Title: LACT01-R/S Flash & SDRAM			
Size: Custom	Document Number: PS700MA01 V1.6		Rev: 1.6
Date: Tuesday, October 20, 2009		Sheet 3 of 10	


LG전자향 변경 :
R109,R110
Wiegand IN
Wiegand
Wiegand-OUT
RS232
232TTL
Serial 0 : Debug Mode
Serial 1 : RS485
Serial 2 : 125KHz or 13.56MHz Select
DEBUG
R-OFF
R-ON
Switch Default Status
SW101 : 232TTL
SW102 : R-OFF
RS485
RF-Card
RTC
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RH-SCH-LACT10-R/S V1.6
Title
LACT10-R/S Communication/RTC
Size
Custom
Document Number
PS700MA01 V1.6
Rev
1.5
Date:
Tuesday, October 20, 2009
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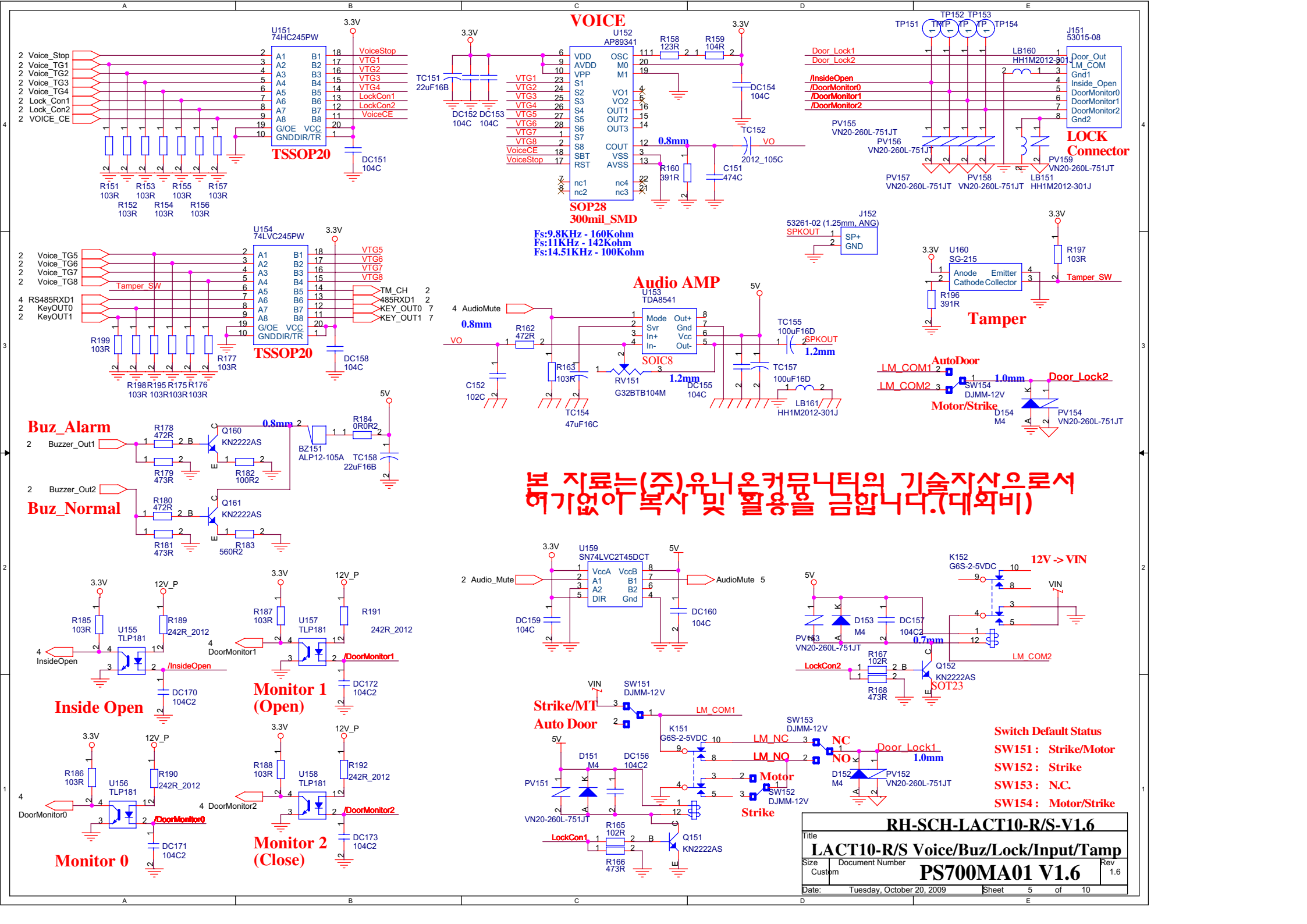

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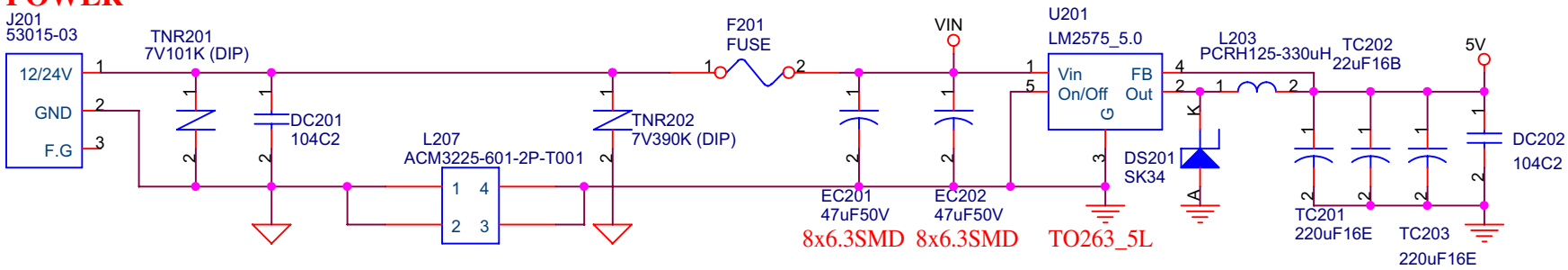
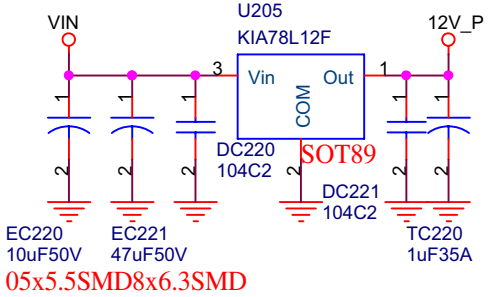
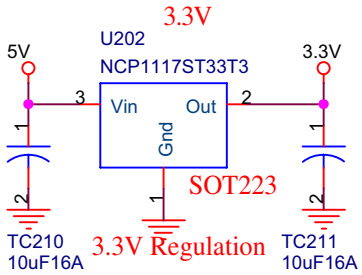
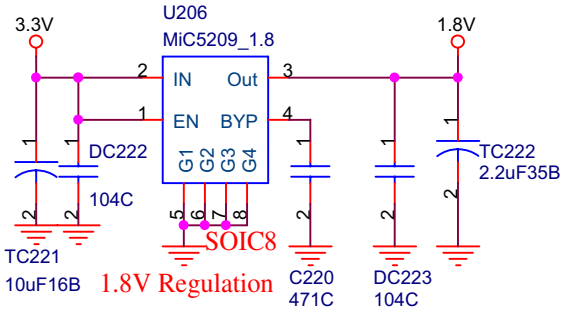
POWER

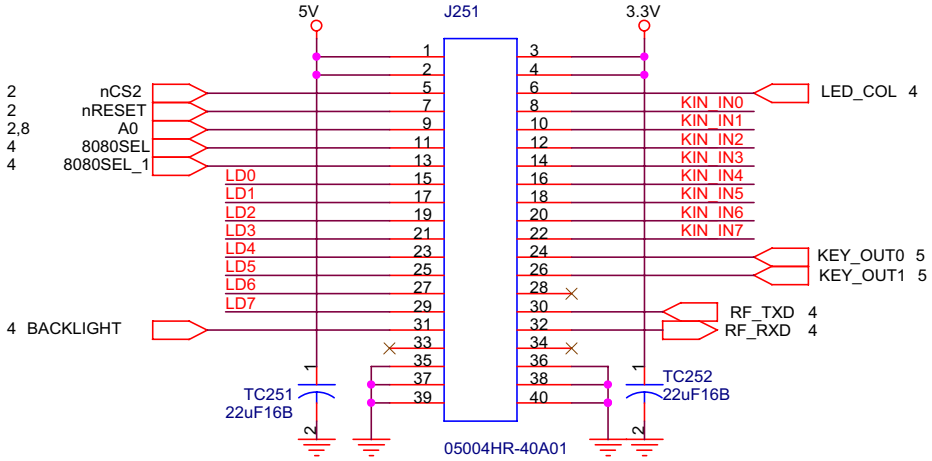


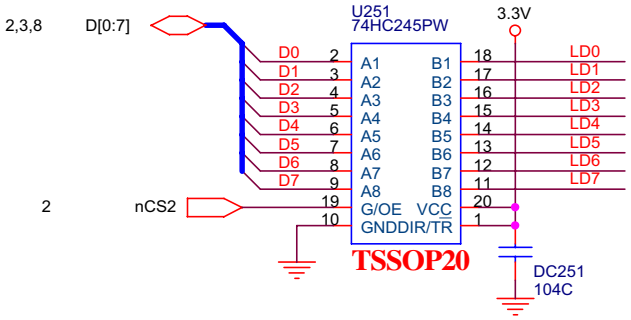


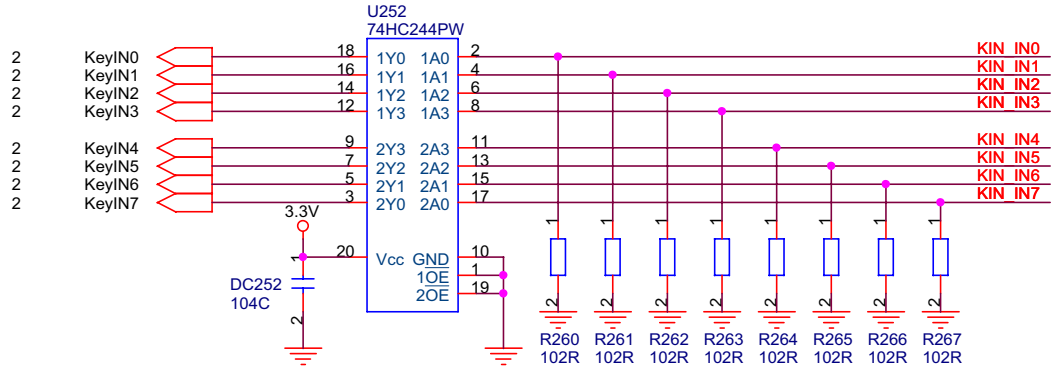




RH-SCH-LACT10-R/S-V1.6		
Title: LACT10-R/S POWER		
Size: Custom	Document Number: PS700MA01 V1.6	Rev: 1.6
Date: Tuesday, October 20, 2009	Sheet 6 of 10	







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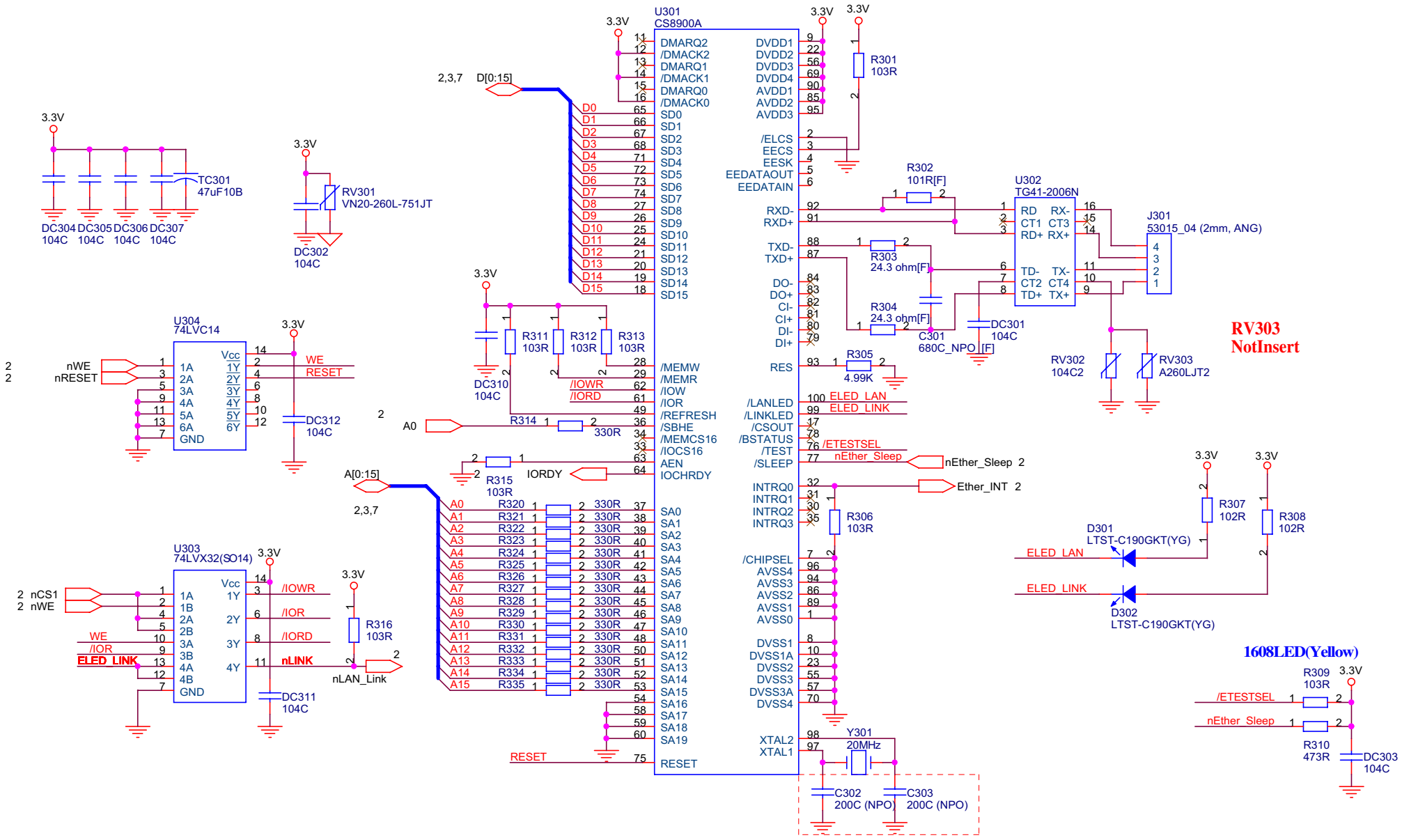
RH-SCH-LACT10-R/S-V1.6		
Title: LACT10-R/S LCD/Keypad Interface		
Size: Custom	Document Number: PS700MA01 V1.6	Rev: 1.6
Date: Tuesday, October 20, 2009	Sheet 7 of 10	



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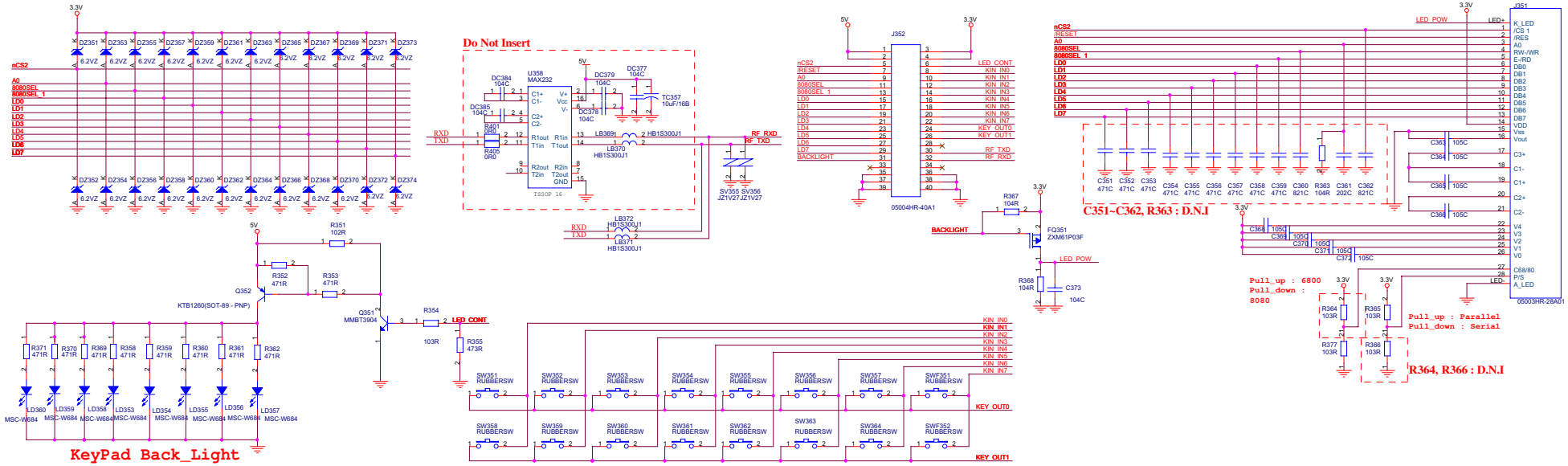
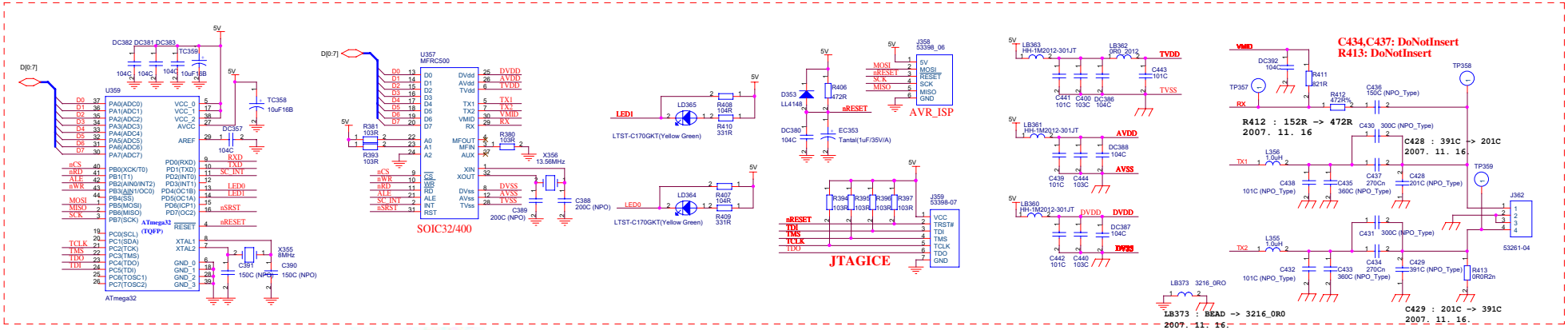
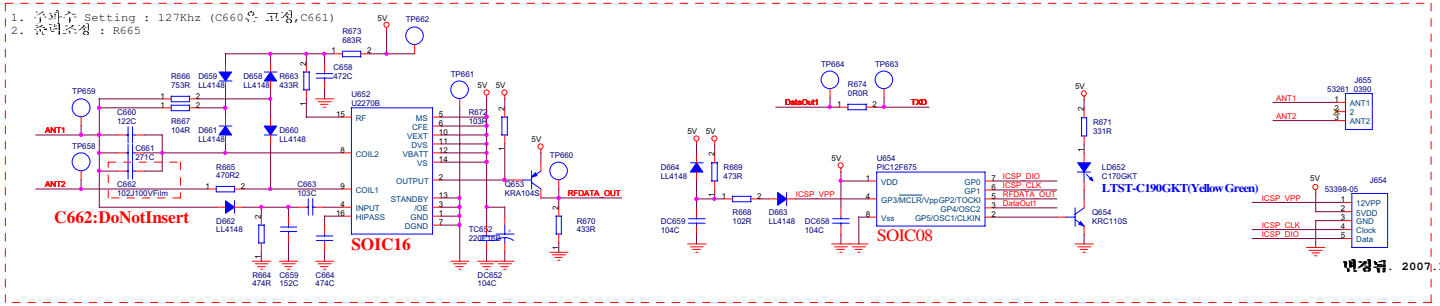
Title	RH-SCH-LACT10-R/S-V1.6 LACT10-R/S Ethernet		
Size: Custom	Document Number: PS700MA01 V1.6	Rev: 1.6	
Date: Tuesday, October 20, 2009	Sheet 8 of 10		



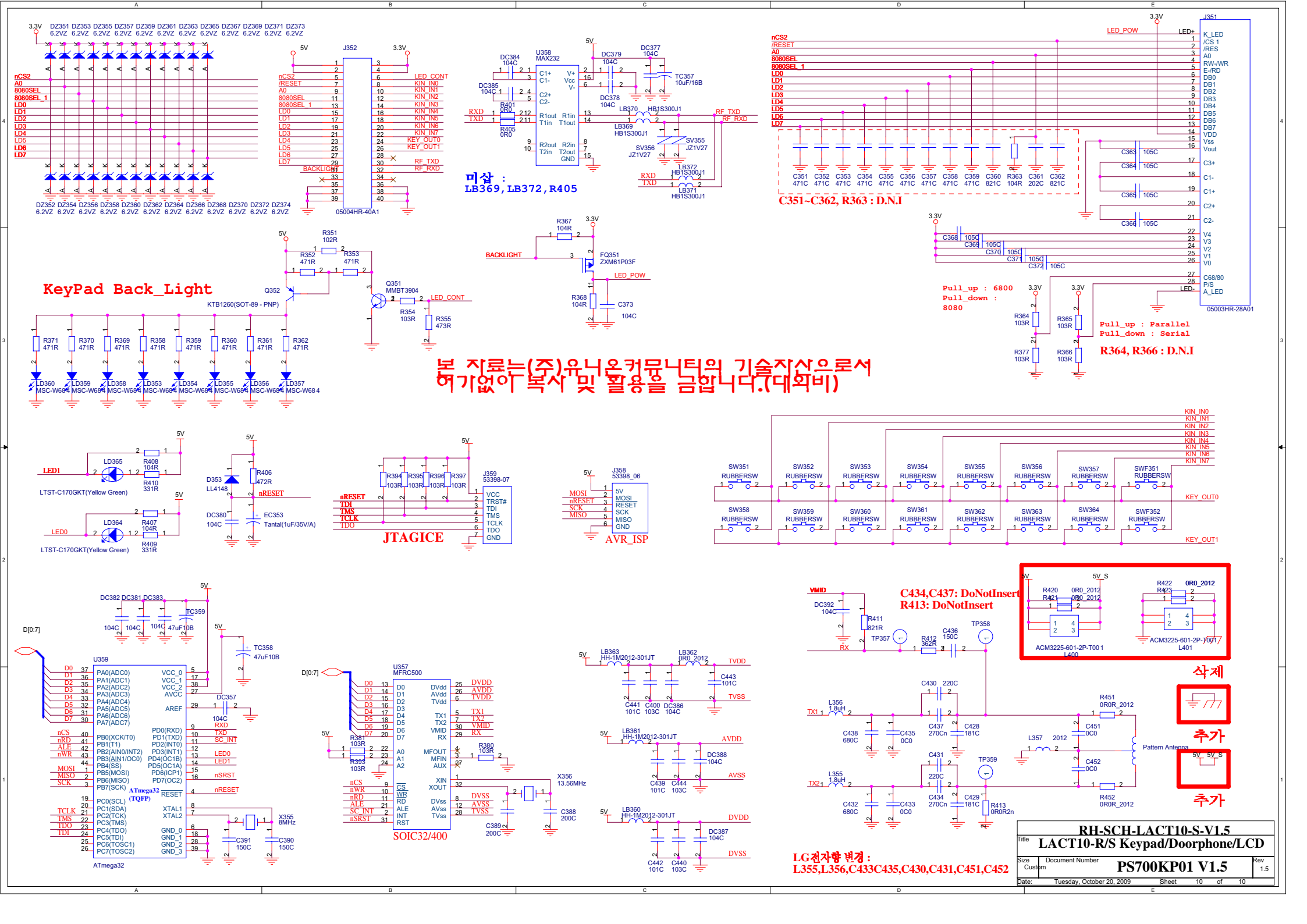
Smart_Card (13.56Mhz)



RF_Card (125Khz) : 미삽



Title	RH-SCH-LACT10-R-V1.0
	LACT10-R Keypad/Doorphone/LCD
Size: Custom	Document Number: PS700KP01 V1.0
Rev: 1.0	
Date: Tuesday, October 20, 2009	Sheet 9 of 10


KeyPad Back_Light
KTB1260(SOT-89 - PNP)
미삽 :
LB369,LB372,R405
C351~C362, R363 : D.N.I
Pull_up : 6800
Pull_down :
8080
Pull_up : Parallel
Pull_down : Serial
R364, R366 : D.N.I
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LTST-C170GKT(Yellow Green)
LTST-C170GKT(Yellow Green)
JTAGICE
AVR_ISP
ATmega32
SOIC32/400
C434,C437: DoNotInsert
R413: DoNotInsert
삭제
추가
추가
LG전자향 변경 :
L355,L356,C433C435,C430,C431,C451,C452
RH-SCH-LACT10-S-V1.5
LACT10-R/S Keypad/Doorphone/LCD
PS700KP01 V1.5
Rev 1.5
Tuesday, October 20, 2009
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