LG전자향 지문/카드 단말기

Model Name : LAFP10-S

Main Board	**: PF4000MA02 V3.2 (Apr.,15.2009)**	**1. Contents**
		2. CPU Samsung S3C2410A 266MHz
		3. Nor Flash & SDRAM
		4. Communication(485,232)/RTC
		5. Voice, Buzzer, Lock Interface, Input Port, Tamper
		6. Power
		7.Keypad/LCD Interface
Keypad Matrix Board	**: PF4000KP02 V1.0**	**8. 3x4 Keypad Matrix, IRED 근접센서, Interphone Interface, LED**
Ethernet Board	**: PF4000ET01 V1.0**	**9. 10-Base T Ethernet Module**
Smart Card Board	**: PF4000SC01 V1.0**	**10. 13.56MHz Smart Card**
Smart Antenna Board	**: PF4000SA01 V1.0**	**11. 13.56MHz Antenna1**

(주)유니온커뮤니틱
기술연구소

본 자료는 (주)유니온커뮤니틱의 기술자산으로서
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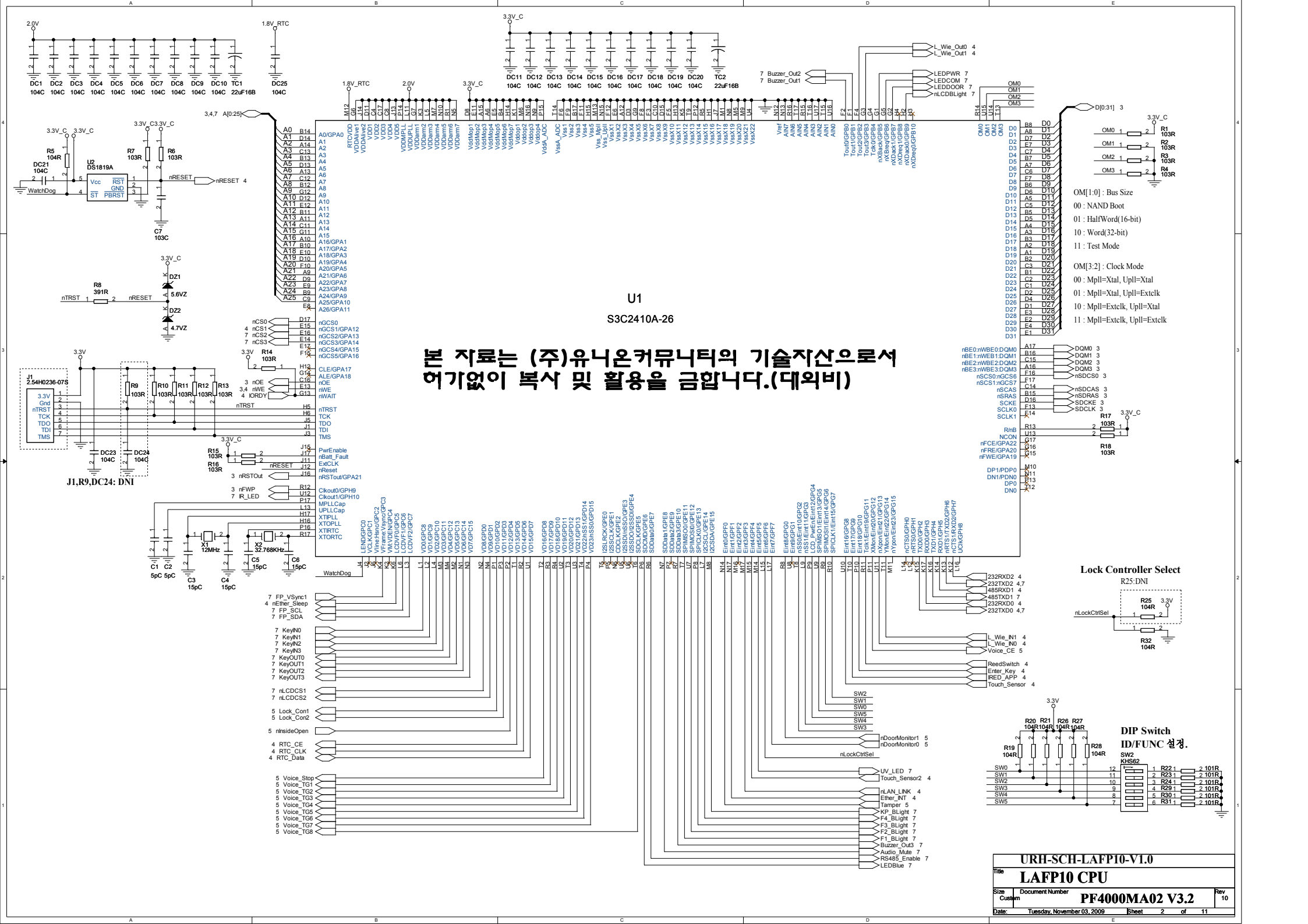
URH-SCH-LAFP10-V1.0			
Title: LAFP10 Contents			
Size: B	Document Number: LAFP10 V1.0		Rev: 10
Date: Tuesday, November 03, 2009	Sheet 1 of 11		


U1
S3C2410A-26
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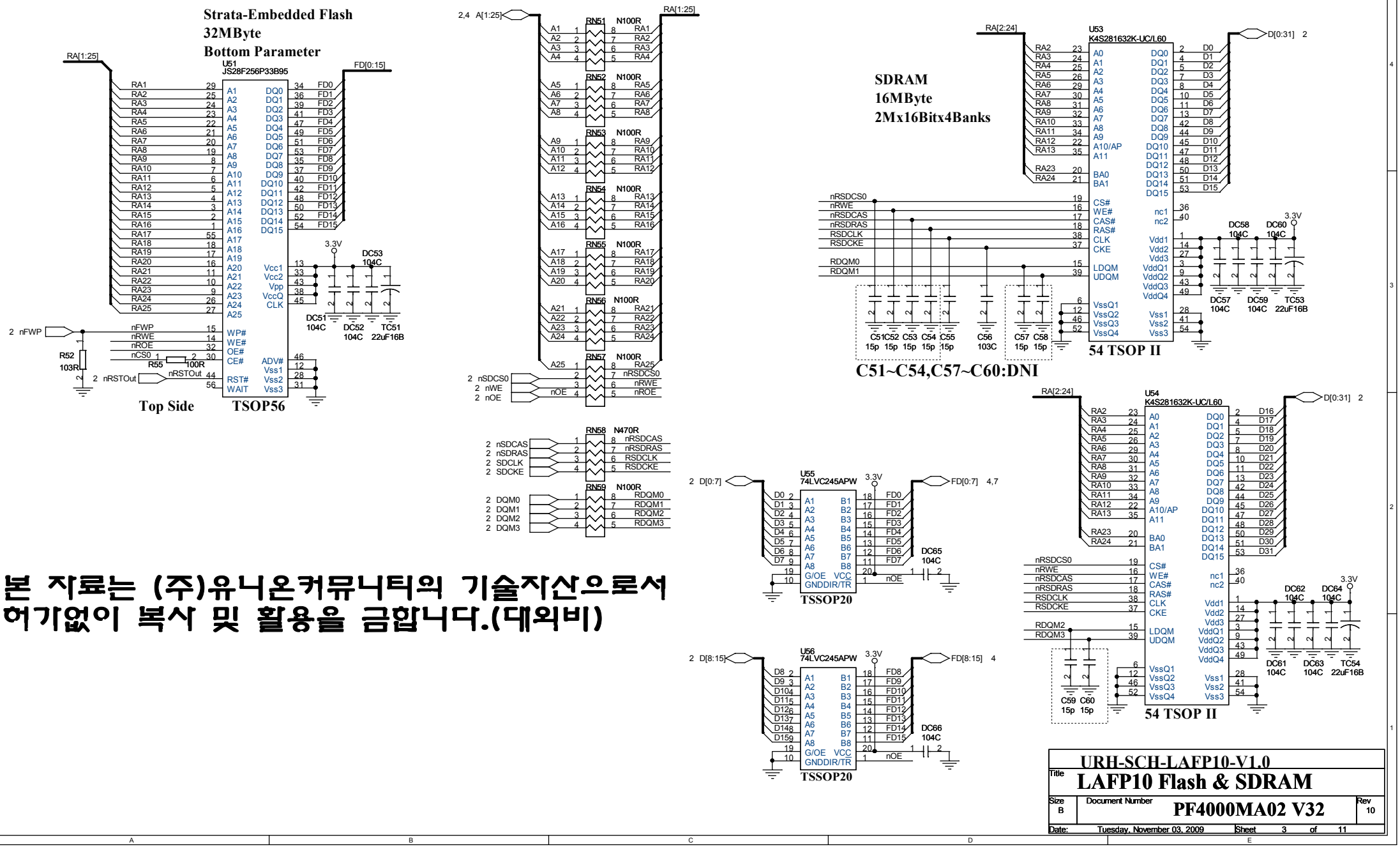
OM[1:0] : Bus Size
00 : NAND Boot
01 : HalfWord(16-bit)
10 : Word(32-bit)
11 : Test Mode
OM[3:2] : Clock Mode
00 : Mpll=Xtal, Upll=Xtal
01 : Mpll=Xtal, Upll=Extclk
10 : Mpll=Extclk, Upll=Xtal
11 : Mpll=Extclk, Upll=Extclk
J1,R9,DC24: DNI
Lock Controller Select
R25:DNI
DIP Switch
ID/FUNC 설정.
URH-SCH-LAFP10-V1.0
LAFP10 CPU
PF4000MA02 V3.2
Rev 10
Tuesday, November 03, 2009
Sheet 2 of 11



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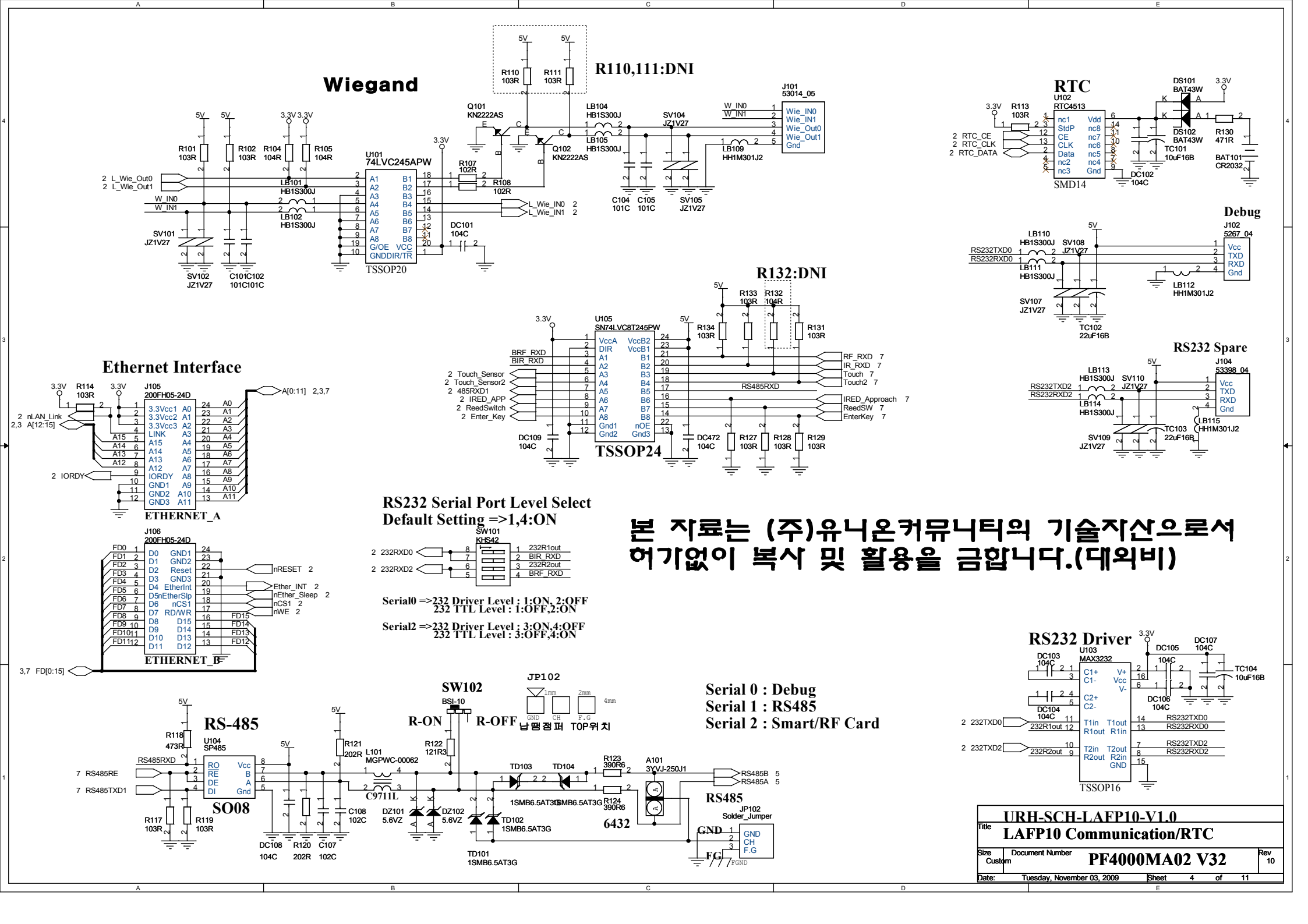
Wiegand
R110,111:DNI
RTC
Debug
Ethernet Interface
R132:DNI
RS232 Spare
RS232 Serial Port Level Select
Default Setting =>1,4:ON
Serial0 =>232 Driver Level : 1:ON, 2:OFF
232 TTL Level : 1:OFF,2:ON
Serial2 =>232 Driver Level : 3:ON,4:OFF
232 TTL Level : 3:OFF,4:ON
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RS-485
SW102
R-ON
R-OFF
납땜점퍼 TOP위치
Serial 0 : Debug
Serial 1 : RS485
Serial 2 : Smart/RF Card
RS232 Driver
URH-SCH-LAFP10-V1.0
LAFP10 Communication/RTC
PF4000MA02 V32
Tuesday, November 03, 2009

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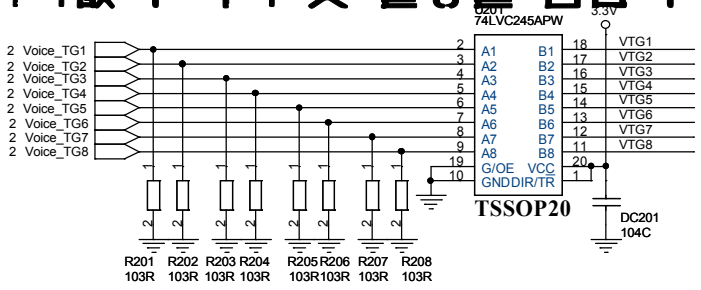

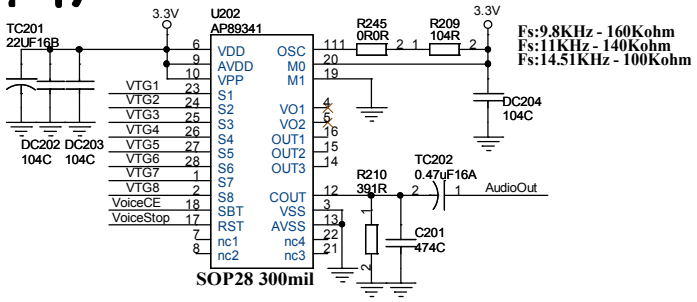

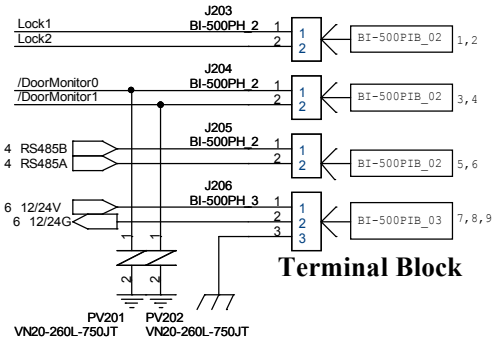

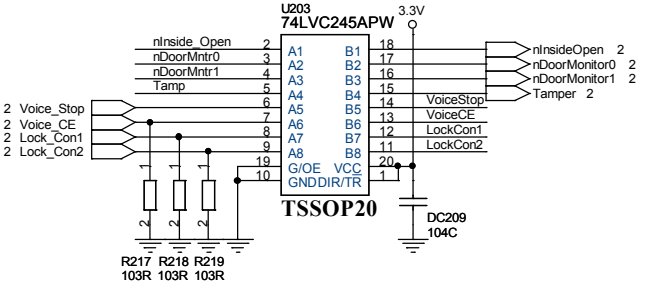

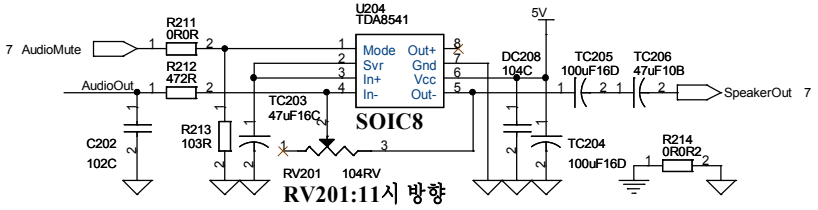

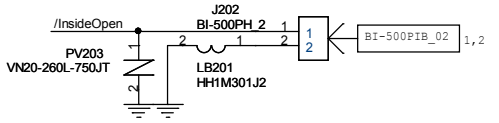

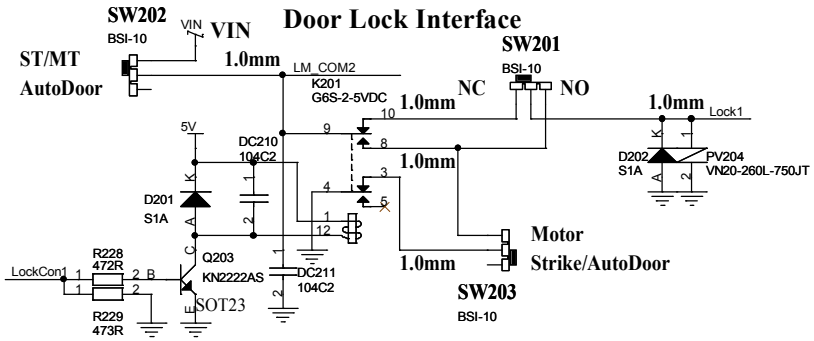

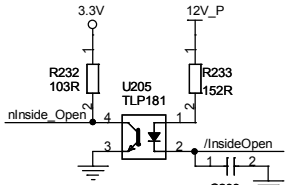

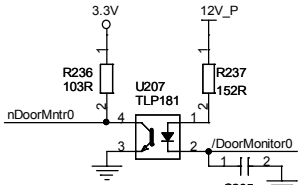

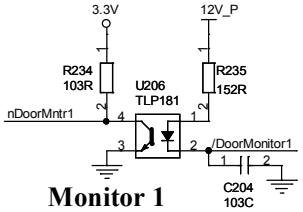

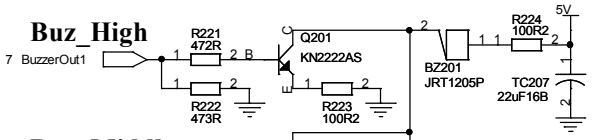

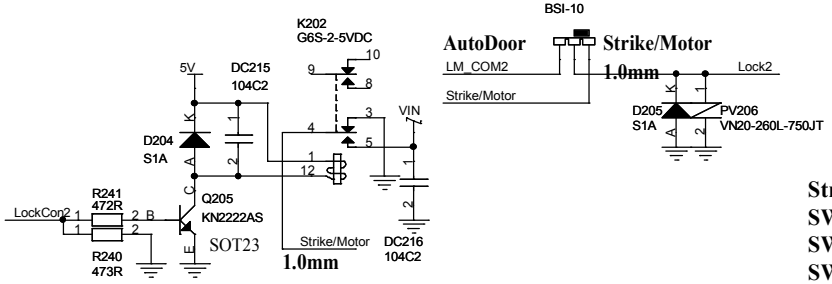

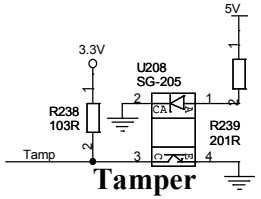

Strike 사용시 :	AutoDoor 사용시 :	Motor 사용시 :
SW201 - NC	SW201 - NC or NO	SW201 - NO
SW202 - ST/MT	SW202 - ST/MT	SW202 - ST/MT
SW203 - ST/AutoDoor	SW203 - ST/AutoDoor	SW203 - Motor
SW204 - ST/MT	SW204 - AutoDoor	SW204 - ST/MT

URH-SCH-LAFP10-V1.0		
Title: LAFP10 Voice/Buz/Lock/Input/Tamp		
Size: B	Document Number: PF4000MA02 V32	Rev: 10
Date: Tuesday, November 03, 2009	Sheet 5 of 11	

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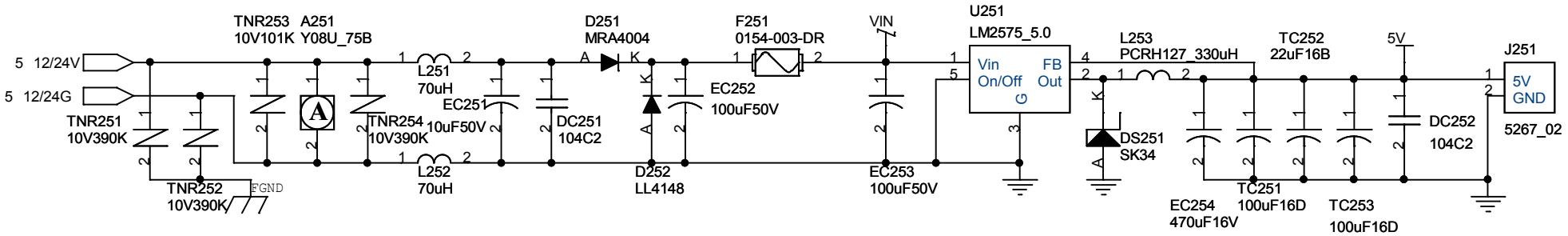
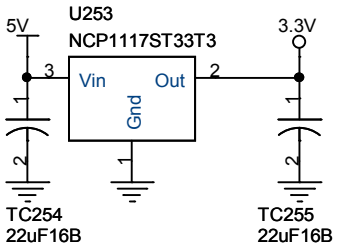
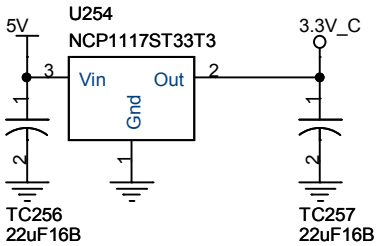
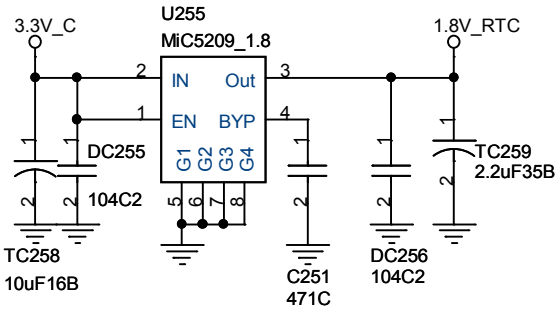
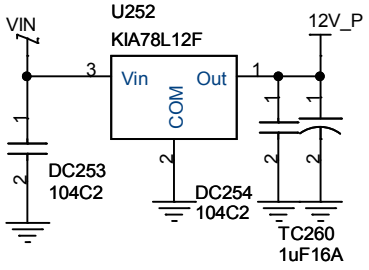
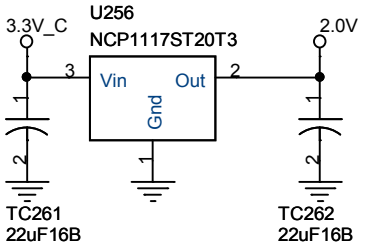






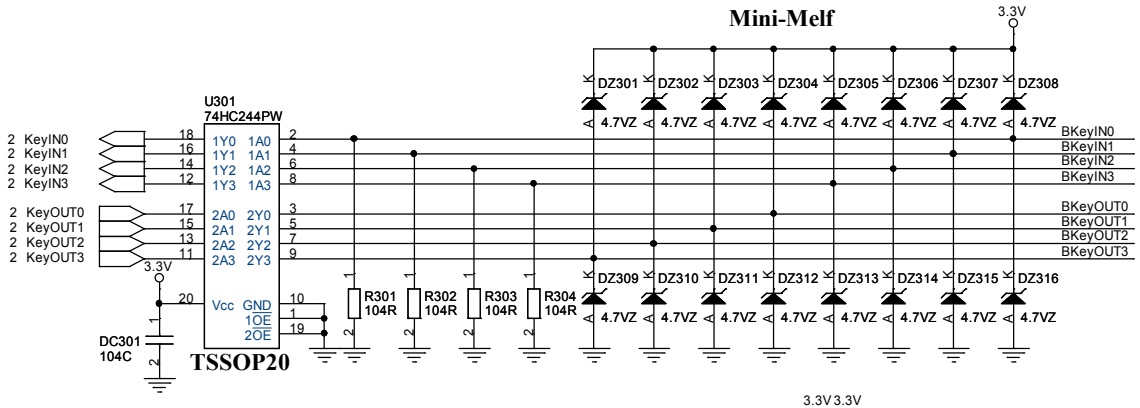


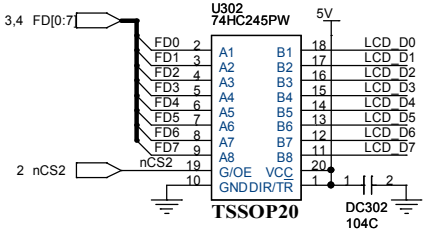


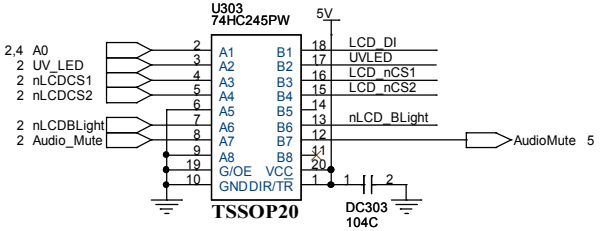


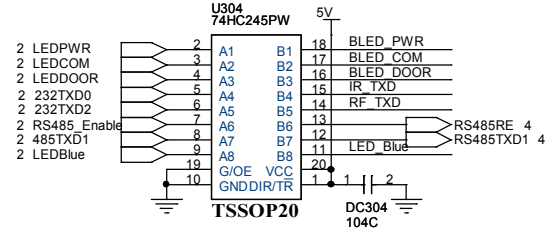
TC260: DNI

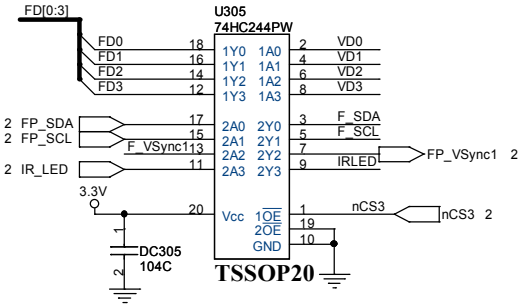
URH-SCH-LAFP10-V1.0			
Title: LAFP10 POWER			
Size: Custom	Document Number: PF4000MA02 V32		Rev: 10
Date: Tuesday, November 03, 2009	Sheet 6 of 11		

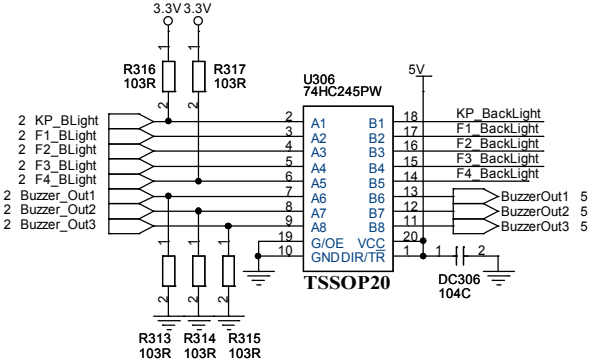


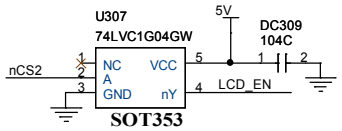


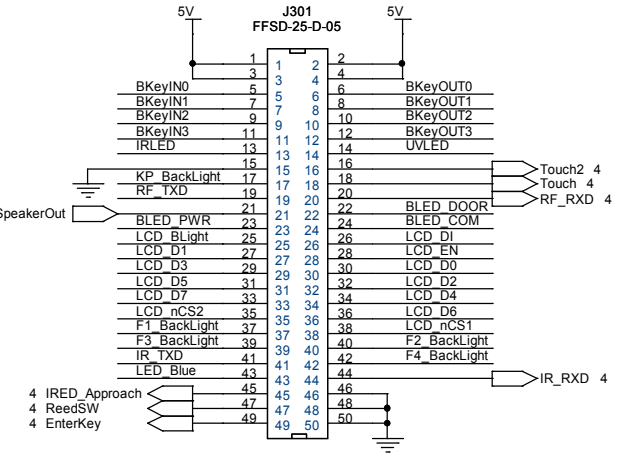


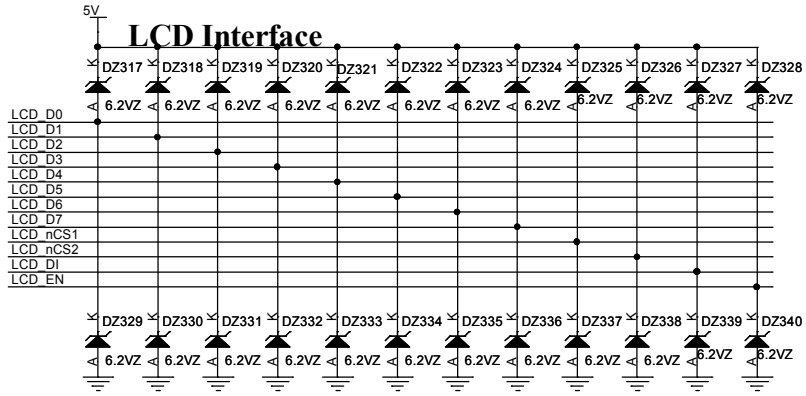












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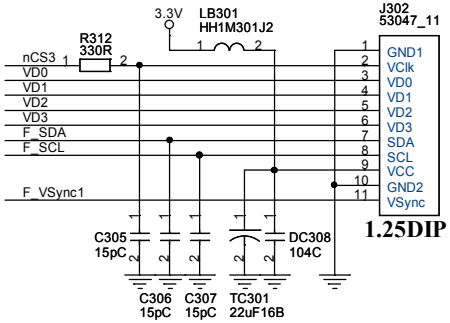

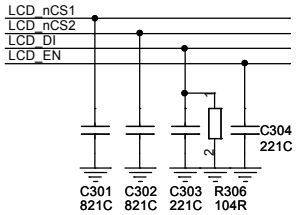

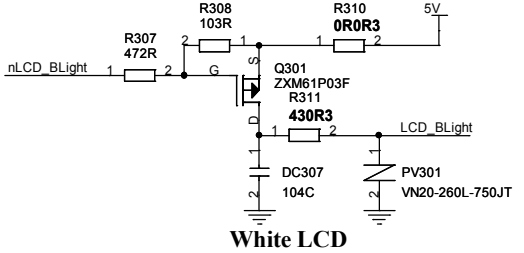

Title	URH-SCH-LAFP10-V1.0 LAFP10 Keypad/LCD Interface	
Size: Custom	Document Number: PF4000MA02 V32	Rev: 10
Date: Tuesday, November 03, 2009	Sheet 7 of 11	

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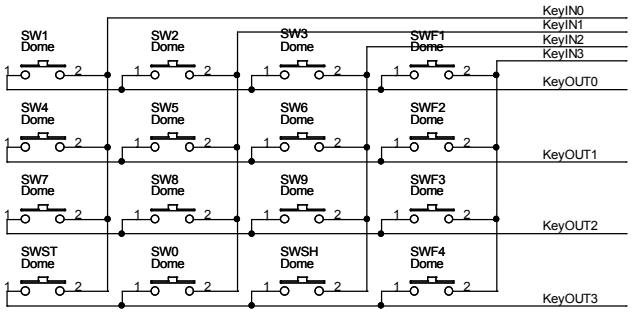
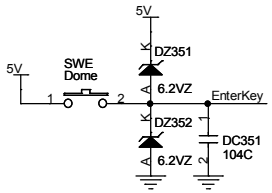
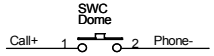
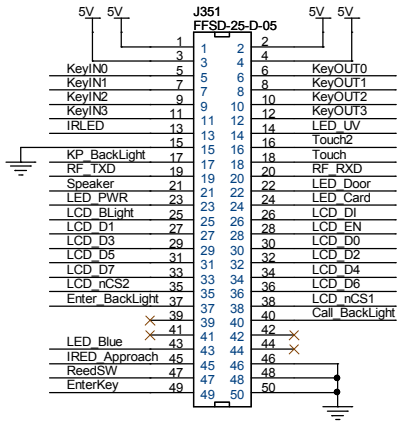
Dome Switch



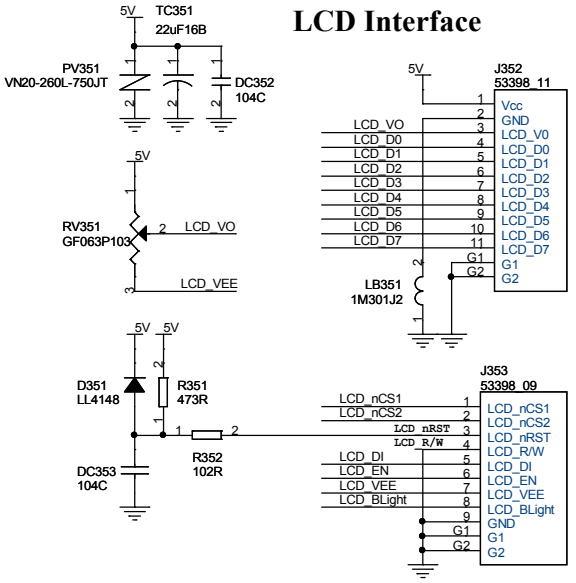




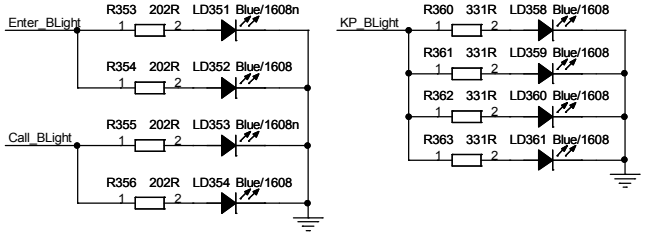
SMD Type 1.27mm Dual Pin Header



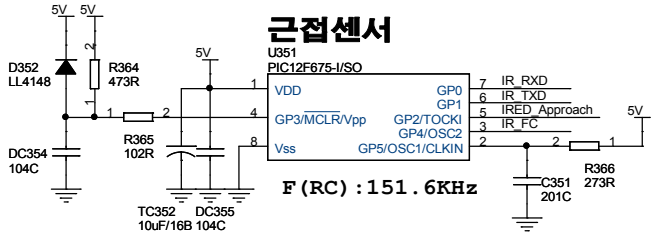
LCD Interface

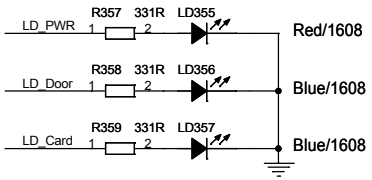


Back Light



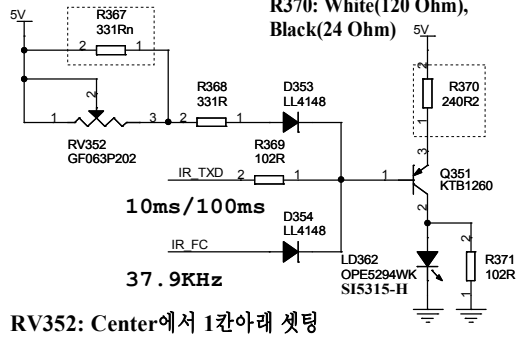
근접센서



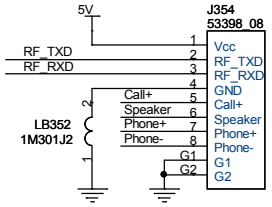


R367: DoNotInsert

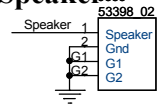
R370: White(120 Ohm), Black(24 Ohm)



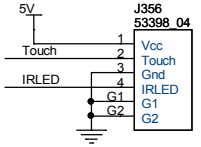
RF&Smart Card



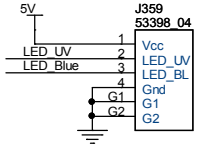
Speaker



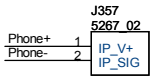
Touch Sensor

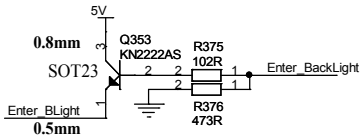


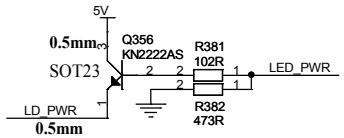
UV LED

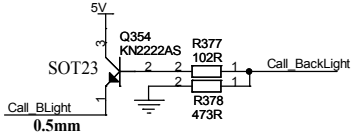


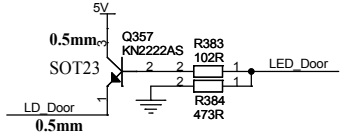
DoorPhone Interface

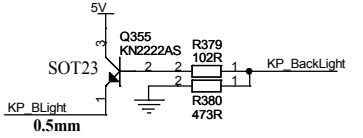


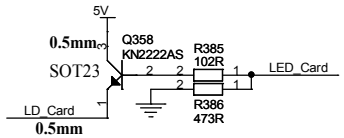




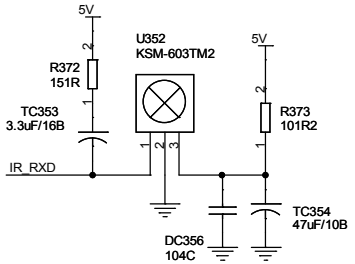


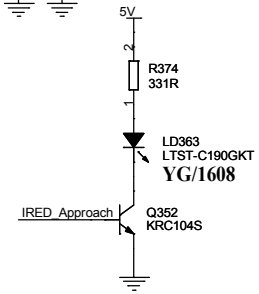




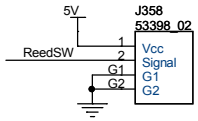


RV352: Center에서 1칸아래 셋팅

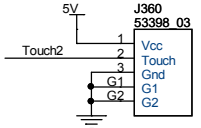




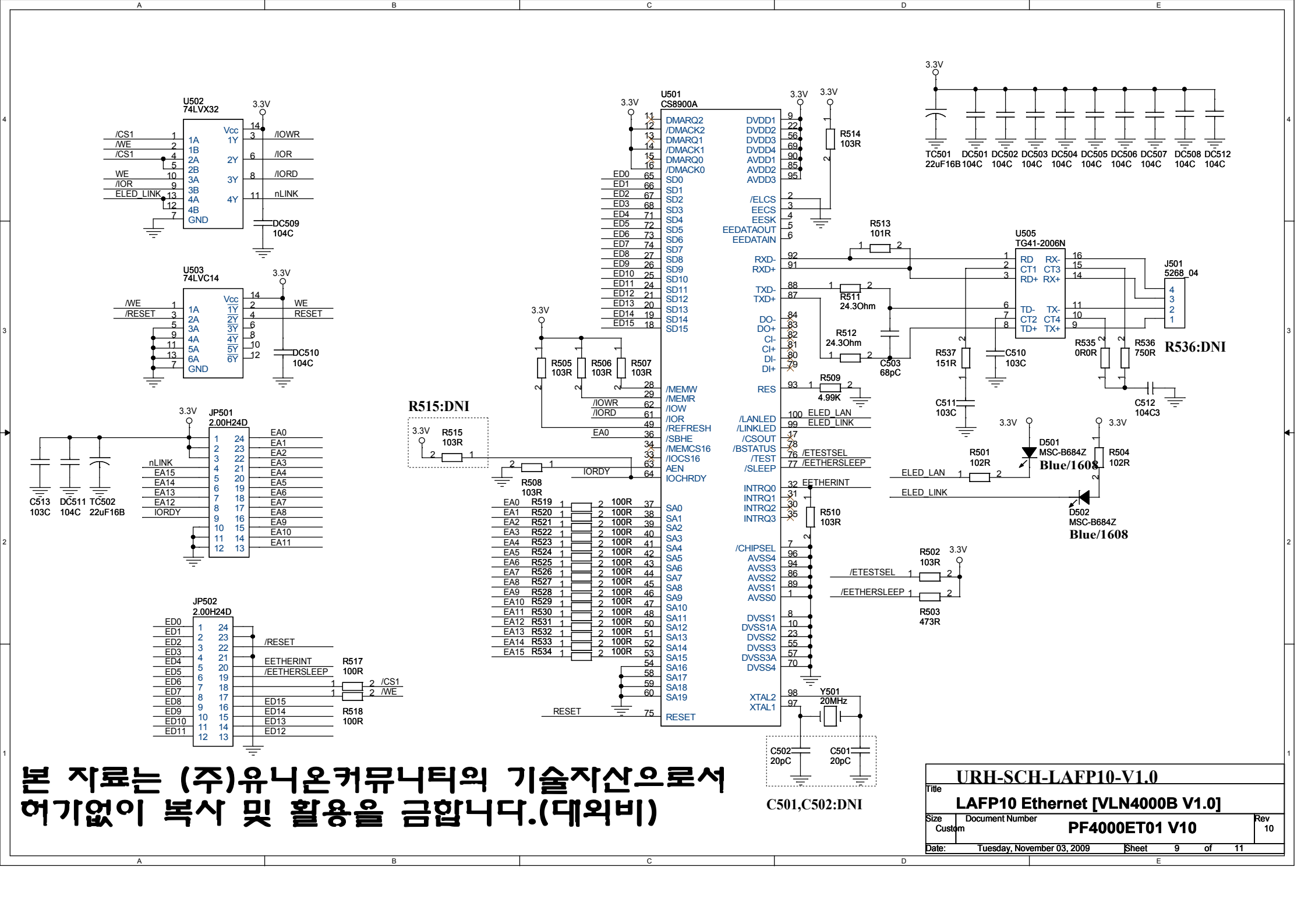
Reed Switch



Touch Sensor2



URH-SCH-LAFP10-V1.0		
Title: LAFP10 Keypad/FUNC.Key/LED		
Size: Custom	Document Number: PF4000KP02 V10	Rev: 10
Date: Tuesday, November 03, 2009	Sheet 8 of 11	



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허가없이 복사 및 활용을 금합니다.(대외비)

Title	URH-SCH-LAFP10-V1.0
	LAFP10 Ethernet [VLN4000B V1.0]
Size: Custom	Document Number: PF4000ET01 V10
Rev	10
Date:	Tuesday, November 03, 2009
Sheet	9 of 11

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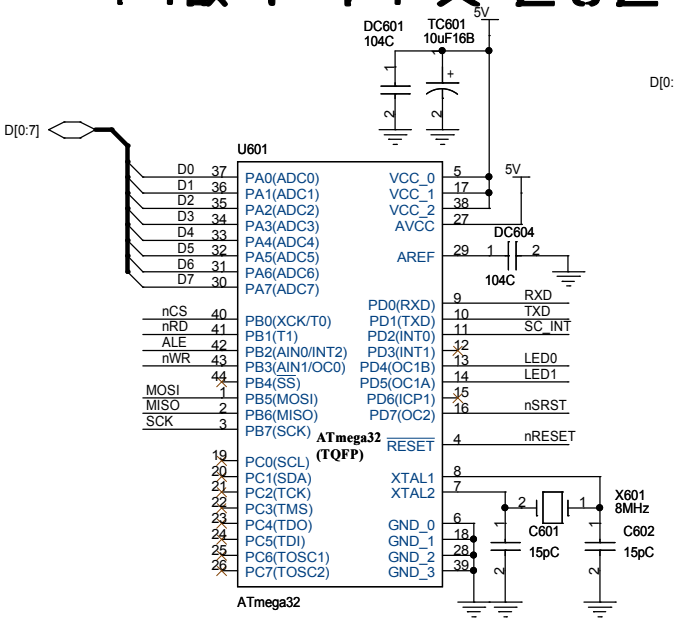
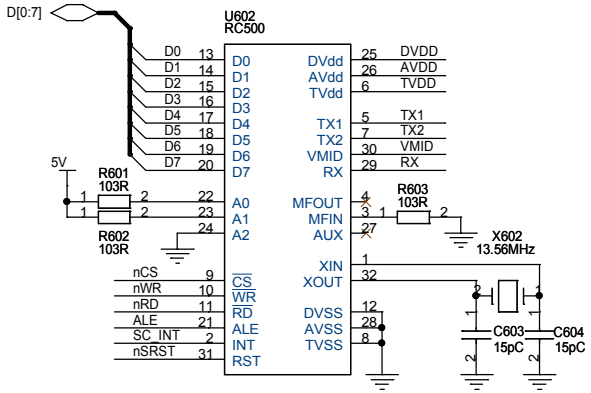
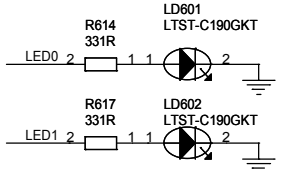
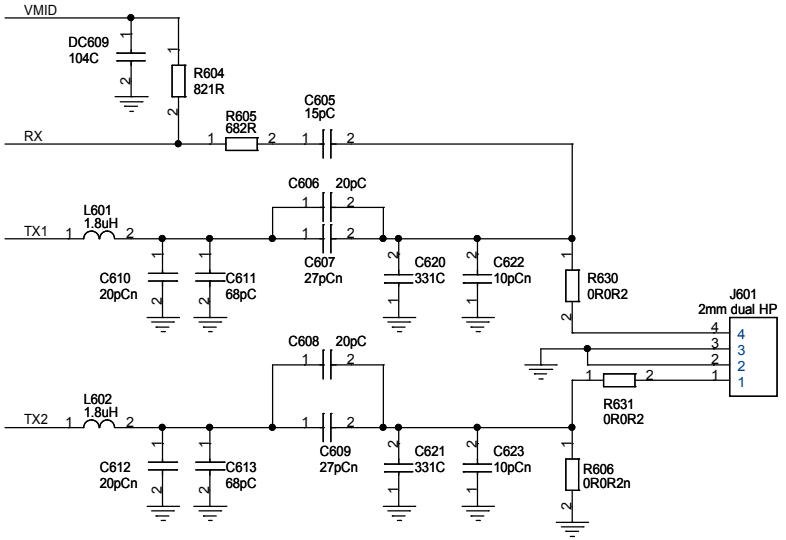






YG/1608



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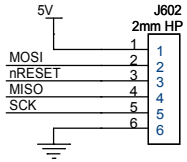
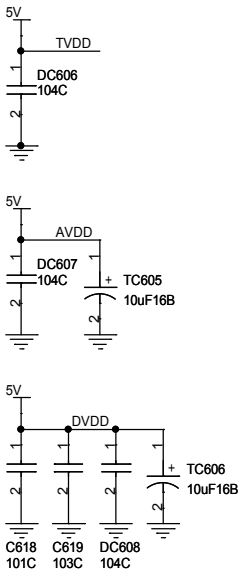
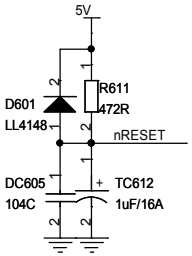
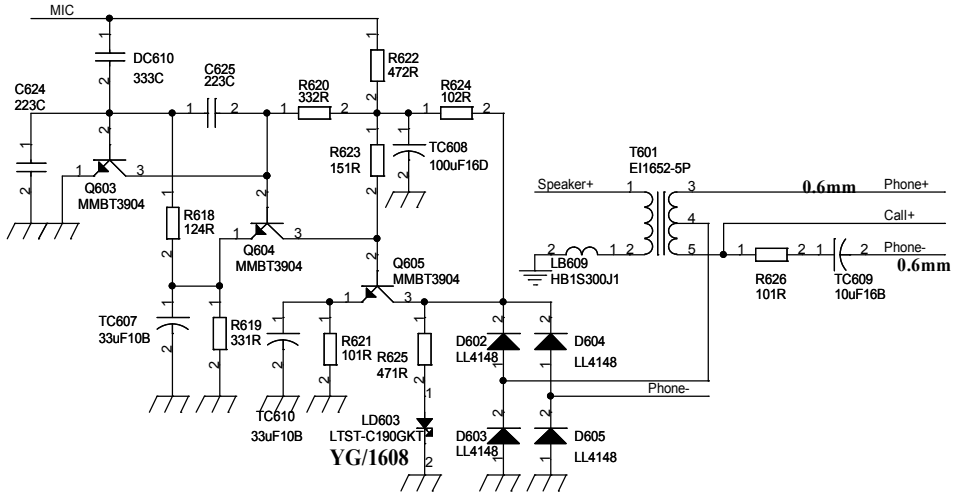
R606: DoNotInsert









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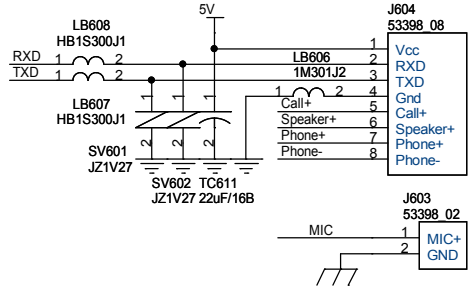
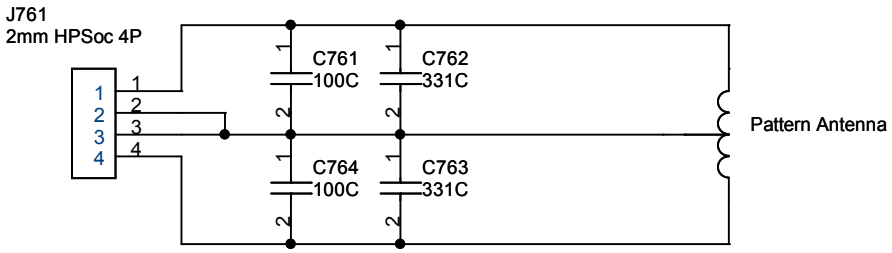


Title	URH-SCH-LAFP10-V1.0 LAFP10 Smart Card Module		
Size: Custom	Document Number: PF4000SC01 V12		Rev: 10
Date: Tuesday, November 03, 2009	Sheet 10 of 11		



C761~764:DNI

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URH-SCH-LAFP10-V1.0			
Title: LAFP10 SmartCard Antenna1			
Size: A	Document Number: PF4000SA01 V10		Rev: 10
Date: Tuesday, November 03, 2009	Sheet 11 of 11		

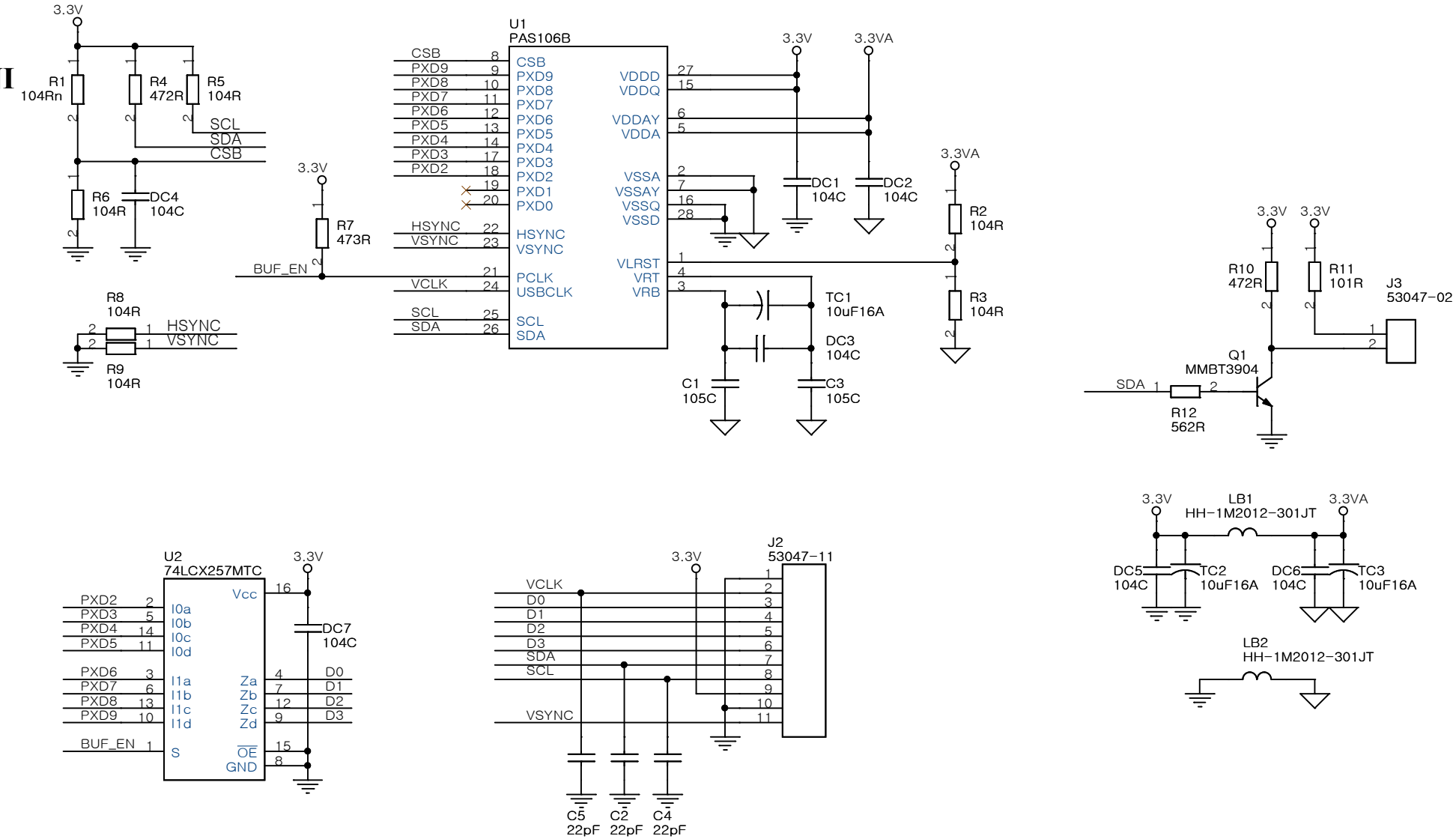
제품명: 광학식 지문인식 센서

모델명: VIRDI-FOS02NL V2.0

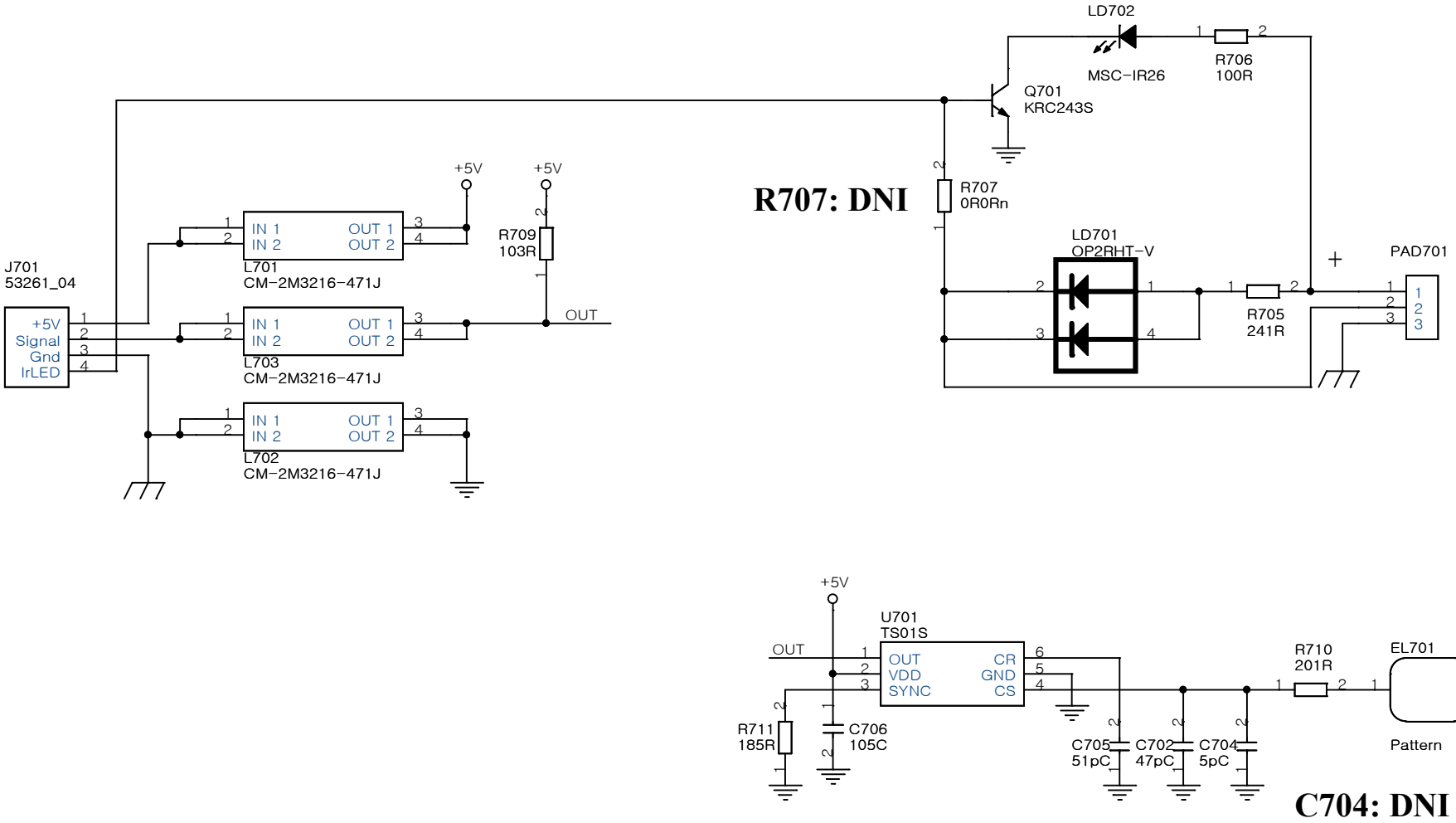
Sensor Board	**: PFOS02NMA01**	**1. Contents**
		2. Image Sensor
Backcover Board	**: PFOS02NTS01**	**3. Auto Sensor(TS01S), LED**

Title	**VIRDI-FOS02NL Cover**	
Size A	Document Number **VIRDI-FOS02NL Series**	Rev 21
Date: Tuesday, October 20, 2009	Sheet 1 of 3	

R1: DNI



Title	VIRDI-FOS02NL Sensorboard	
Size A4	Document Number PFOS02NMA01	Rev 21
Date: Monday, March 16, 2009	Sheet 2 of 3	



Title	VIRDI-FOS02NL Back Cover Board	
Size A4	Document Number PFOS02NTS01	Rev 21
Date: Tuesday, October 20, 2009	Sheet 3 of 3	