



SERVICE MANUAL

MODEL : LN700

# PORTABLE NAVIGATION SERVICE MANUAL

## INFORMATION

- You can download the Update Software from <http://www.lge.com/support/software.jsp> for free.
- You could purchase the map data, which is updated annually (March), from the selected retailers.  
For more information, contact Call Center or Website.



**MODEL : LN700**

P/NO : AFN30824803

NOVEMBER, 2006

LG

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# SECTION 1. GENERAL

## SAFETY PRECAUTIONS

### Electrostatically Sensitive Devices (ESD)



Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive Devices (ESD). Examples of typical ESD devices are integrated circuits and some field-effect transistors and semiconductor chip components. The following techniques should be used to help reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any electrostatic charge on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging wrist strap device, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ESD devices, place the assembly on a conductive surface such as aluminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ESD devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESD devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESD devices.
6. Do not remove a replacement ESD device from its protective package until immediately before you are ready to install it. (Most replacement ESD devices are packaged with leads electrically shorted together by conductive foam, aluminum foil or comparable conductive materials).
7. Immediately before removing the protective material from the leads of a replacement ESD device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

**CAUTION : BE SURE NO POWER IS APPLIED TO THE CHASSIS OR CIRCUIT, AND OBSERVE ALL OTHER SAFETY PRECAUTIONS.**

8. Minimize bodily motions when handing unpackaged replacement ESD devices. (Otherwise harmless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity sufficient to damage an ESD device).











### CAUTION. GRAPHIC SYMBOLS

	THE LIGHTNING FLASH WITH APOWHEAD SYMBOL. WITHIN AN EQUILATERAL TRIANGLE, IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF UNINSULATED "DANGEROUS VOLTAGE" THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK OF ELECTRIC SHOCK.
	THE EXCLAMATION POINT WITHIN AN EQUILATERAL TRIANGLE IS INTENDED TO ALERT THE SERVICE PERSONNEL TO THE PRESENCE OF IMPORTANT SAFETY INFORMATION IN SERVICE LITERATURE.

## SPECIFICATIONS

ITEM	SPECIFICATION	REMARK
<b>OS</b>	Win CE 5.0	
<b>CPU</b>	Centrality Atlas2 ARM9 300 Mhz	
<b>MEMORY</b>	External SD Card LN700 : 256 MB LN705 : 512 MB LN710 : 1 GB LN715 : 2 GB	
<b>DISPLAY</b>	4 inch TFT LCD Resolution 320 X 240 Color 65,000 Backlight Touch Screen	LG Philips LCD CCFL (L-type) Analog resistive type
<b>AUDIO</b>	Mono, Internal Speaker	Max 1.5W
<b>GPS</b>	SiRF Star III, Internal Antenna	
<b>NAVI</b>	Full Map	Voice Guidance
<b>MAP</b>	Navtaq	
<b>POWER</b>	DC 10.5~16V	Vehicle Power Cigar-jack Input
<b>TEMPERATURE</b>	Operating : -10~60 °C Storing : -30~80 °C	
<b>Built-in BATTERY</b>	1000mAh, 3.7 V	
<b>INTERFACE</b>	Mini-USB Port External GPS Jack	USB 1.1
<b>Multimedia</b>	Electronic Picture Frame	BMP Files Compatible

## ACCESSORIES

 <p>Main Set</p>	 <p>(801) Quick Start Guide</p>	 <p>(825) USB Cable</p>	 <p>(826) SD Memory Card</p>	 <p>(827) Cigar Light Adapter</p>
 <p>(828) AC Adapter</p>	 <p>(829) Carring Case</p>	 <p>(830) Suction-Mount Cradle</p>	 <p>(835) Installation CD</p>	 <p>(836) GPS aerial (Optional)</p>

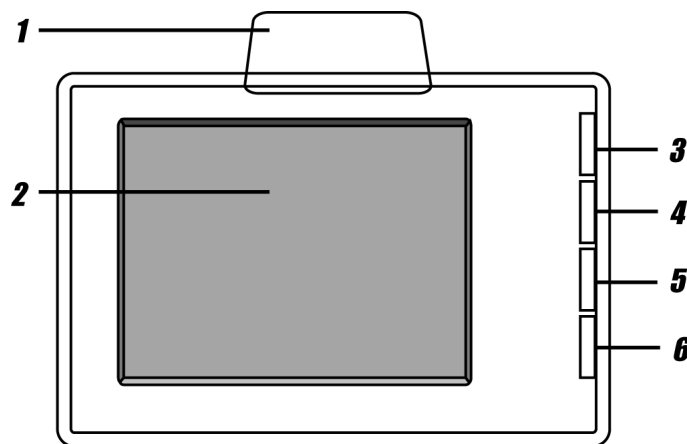
Contents may be changed without notices.

### SD memory card

SD Memory Card in data terminal equipment may have little reserve capacity due to a map data. In this case, separate SD Memory Card should be purchased.

## ❑ NAME OF EACH PART

### • Front panel



#### 1. GPS Antenna

Receive the satellite signals.

#### 2. LCD

Screen display according to menu.

#### 3. Power On · / Off - button

(Press for about 0.5 second)

#### 4. Volume Up

Sound is louder.

#### 5. Volume Down

Sound is softer.

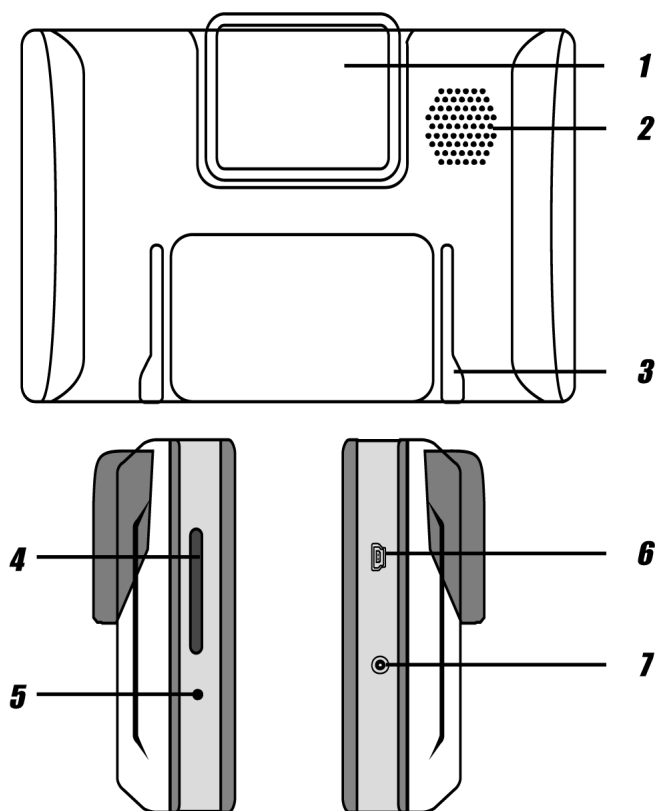
#### 6. SRC (Source) button

Move to the main menu screen/move to the previous screen.



To activate the menu function through LCD screen, press the screen with finger as a finger touch mode.

## • Rear / Side panel



### 1. GPS Antenna

Receive the satellite signals.

### 2. Speaker

Possible to get a voice guidance service.

### 3. Docking connector

### 4. Memory Card Slot

Save the latest map.

### 5. Reset button

Re-start the program in data terminal equipment.

### 6. USB connector

### 7. Power supply connector



If deleting or altering the map data in SD Memory Card randomly, it may cause a trouble in the navigation function.

## ❑ SUPPORT-HOTLINE

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  - You could purchase the map data, which is updated annually (March), from the selected retailers.
- For more information, contact Call Center or Website.

<b>LG Subsidiary</b>	<b>Country</b>	<b>Service Number</b>
LG Electronics ESPANA S.A.	SPAIN	902 500 234
LG Electronics U.K. Ltd	U.K. / IRELAND	0870 873 5454
LG Electronics France	FRANCE	0825-826-822 0825-825-592
LG Electronics Deutschland GmbH	GERMANY	01805 4737 84
LG Electronics Italia S.p.A	ITALY	39 199600099
LG Electronics Hellas S.A	GREECE	+30-210-4800-564/8 801 11 200 900
LG Electronics Benelux B.V	BELGIUM LUXEMBOURG Netherlands	070-233-557 32-70-233-557 0900-543-5454
LG ELECTRONICS MAGYAR KFT	HUNGARY Bulgaria	36-06-40-545454 +359-070-1-5454
LG Electronics Polska Sp. z.o.o	POLAND	801 54 54 54
LG Electronics Portugal, S,A	PORTUGAL	808-78-5454
LG Electronics Nordic AB	SWEDEN DENMARK FINLAND NORWAY	0771 41 4379 8088 5758 0800 116 587 800 18 740
Austria	AUSTRIA	420 810 555 810
RUMANIA	RUMANIA	40 31 228 3542
CZECH REPUBLIC	CZECH SLOVAKIA	420 810 555 810 421 850 111 154
LG Electronics Australia Pty Ltd.	Australia	1 800 643 156

- For the latest Call Center numbers, Please visit Website ([www.lge.com](http://www.lge.com))



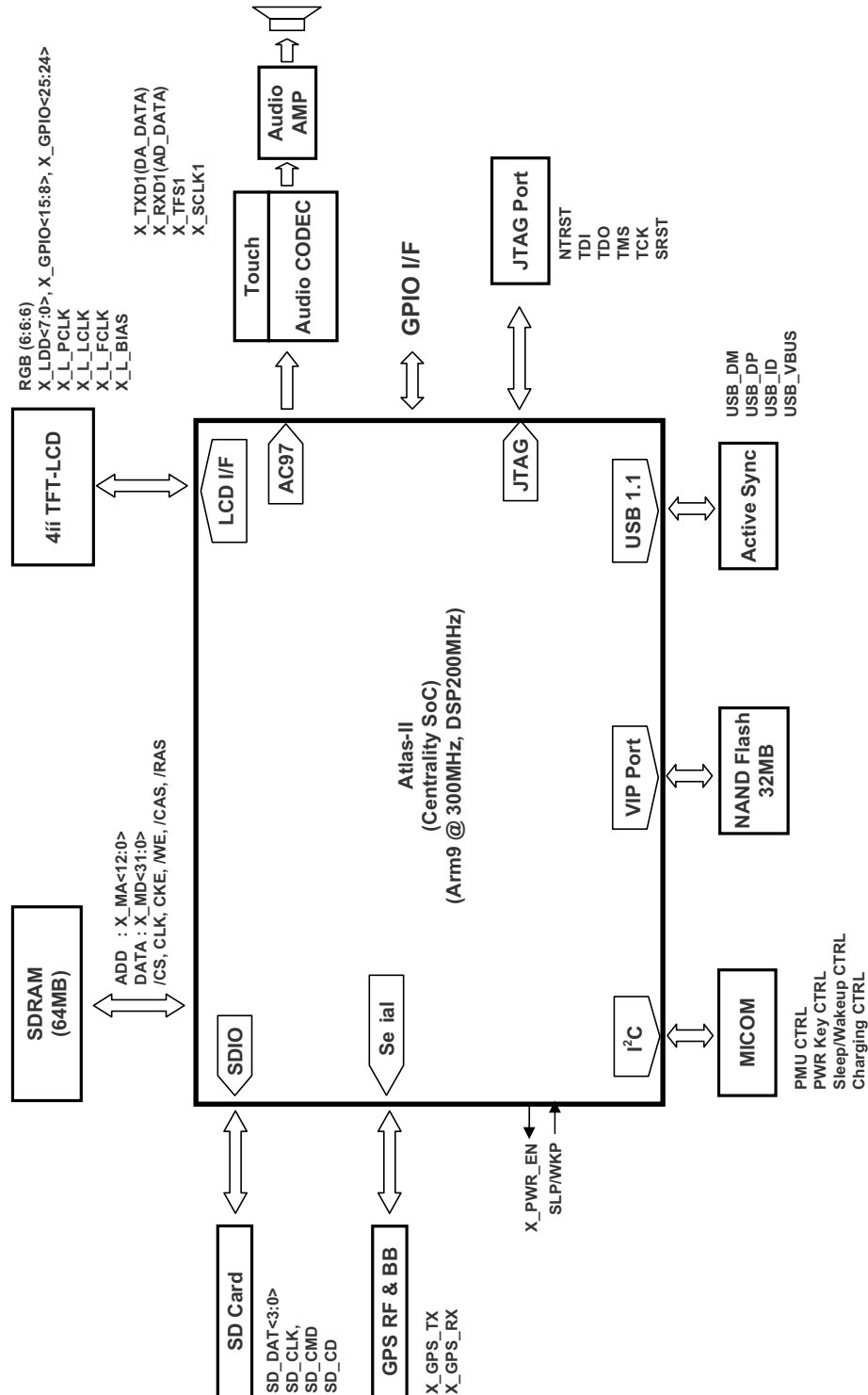
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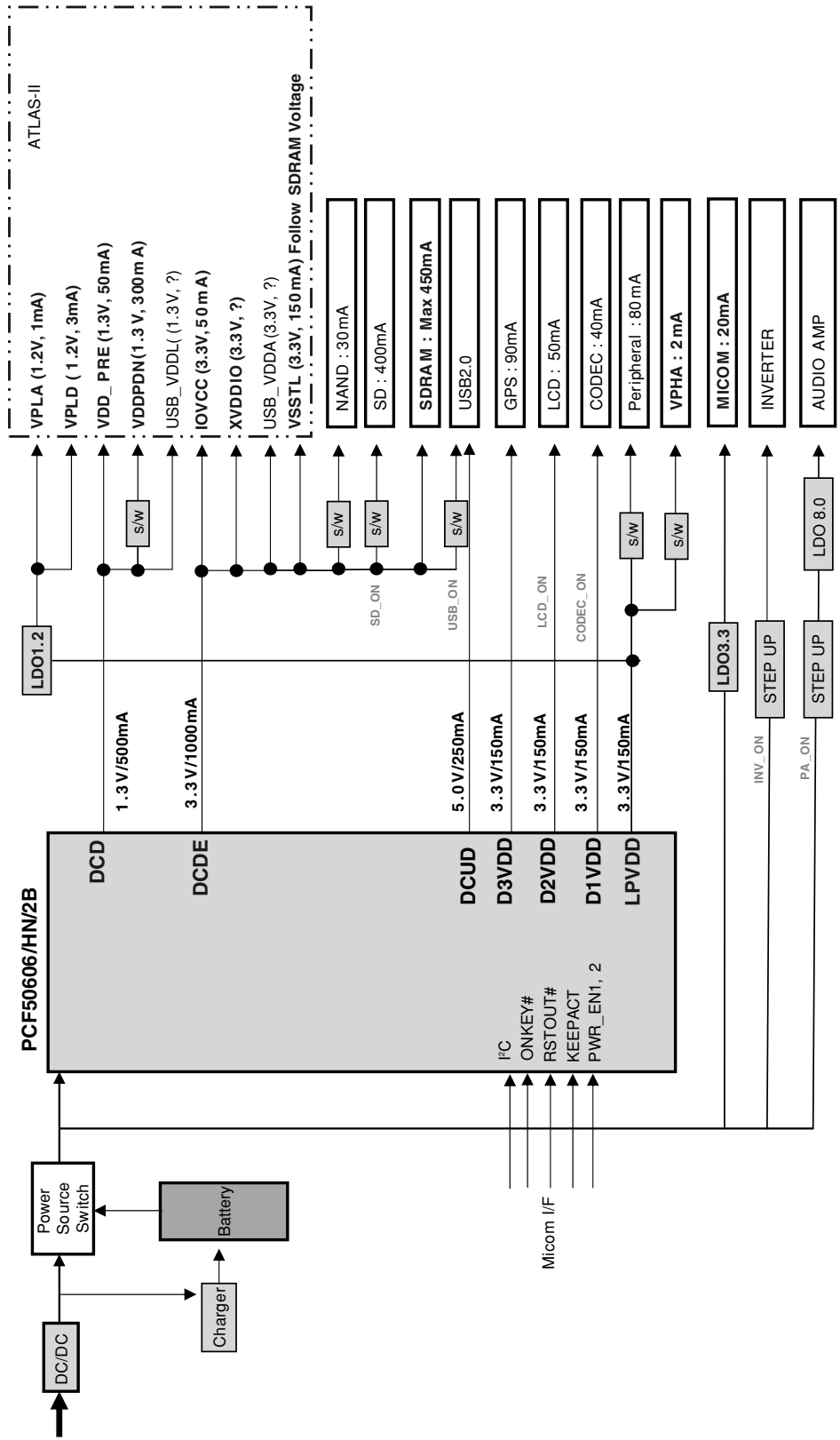
# SECTION 2. ELECTRICAL SECTION

## ■ BLOCK DIAGRAM

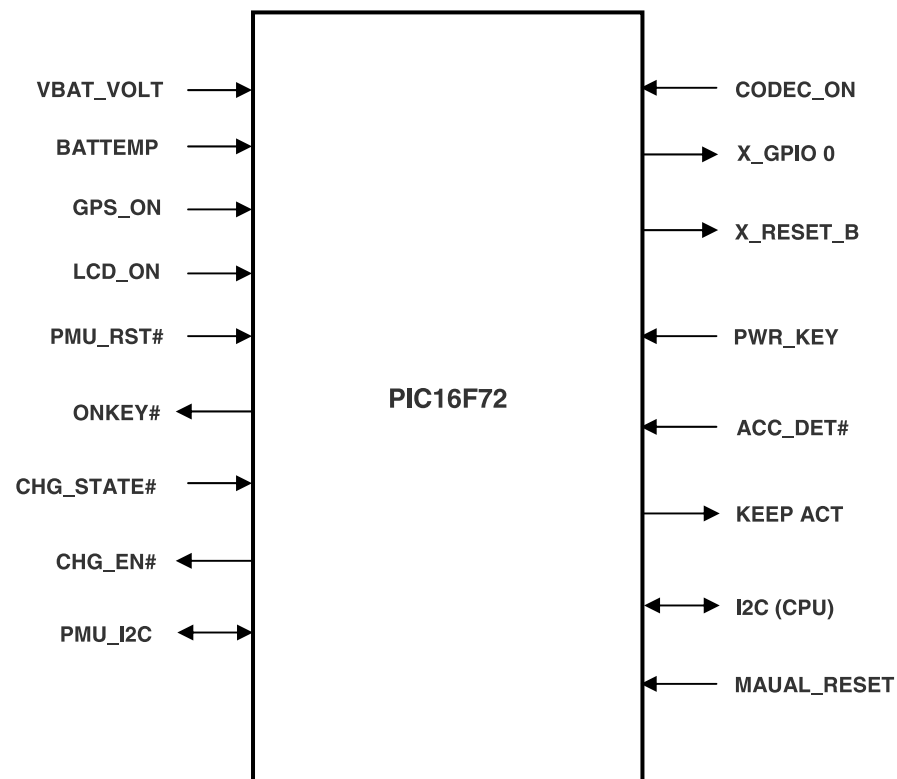
### • CORE BLOCK DIAGRAM



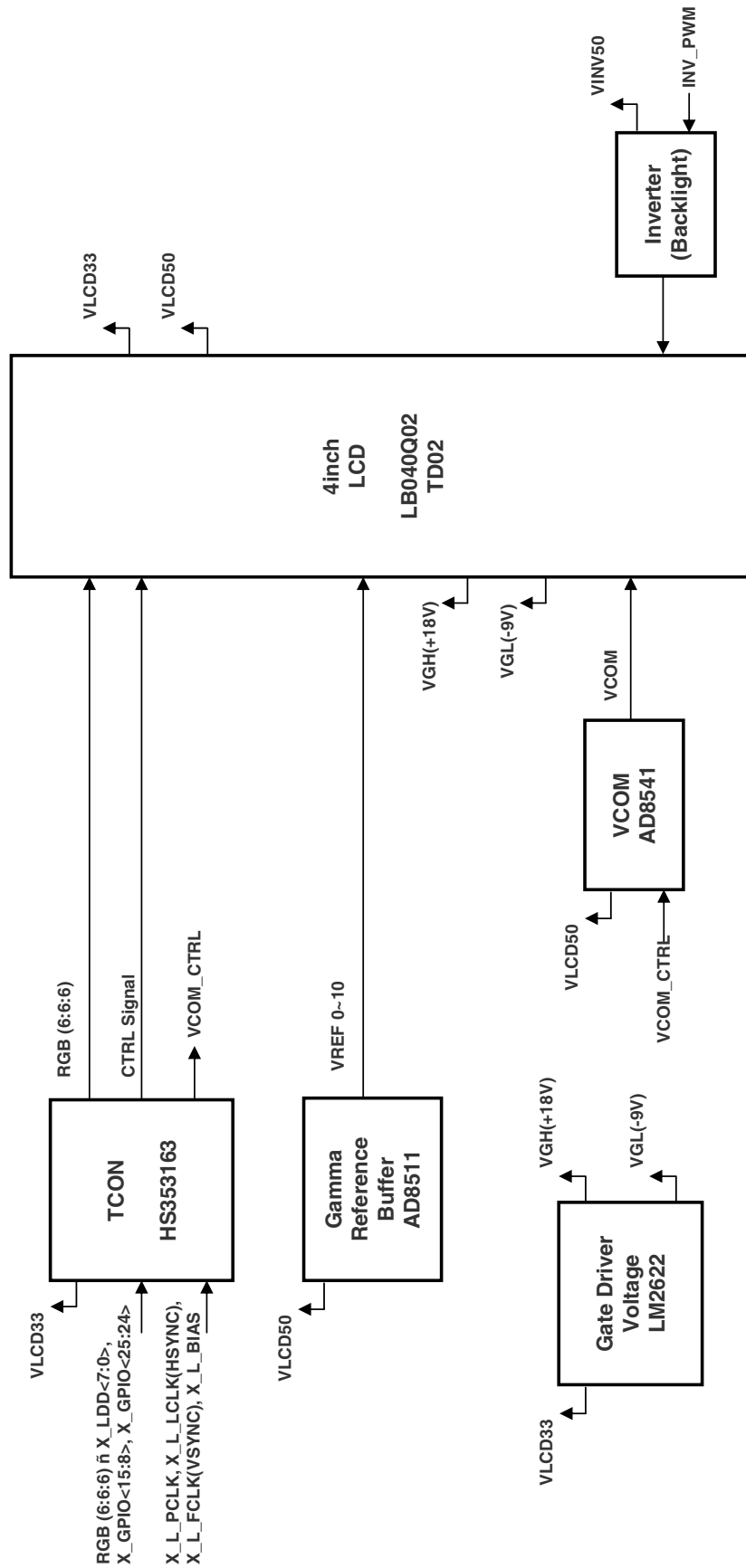
• POWER BLOCK DIAGRAM



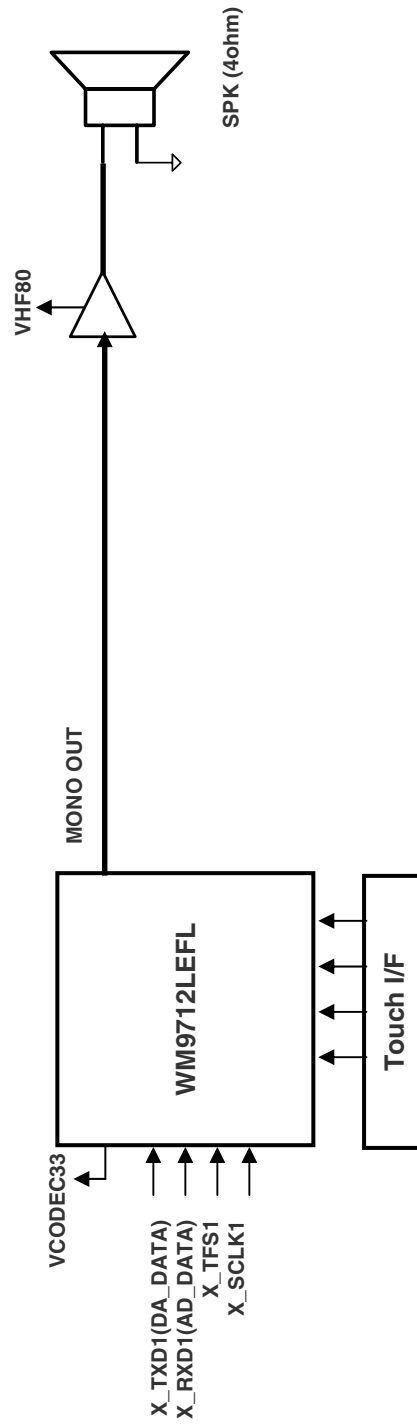
• MICOM BLOCK DIAGRAM



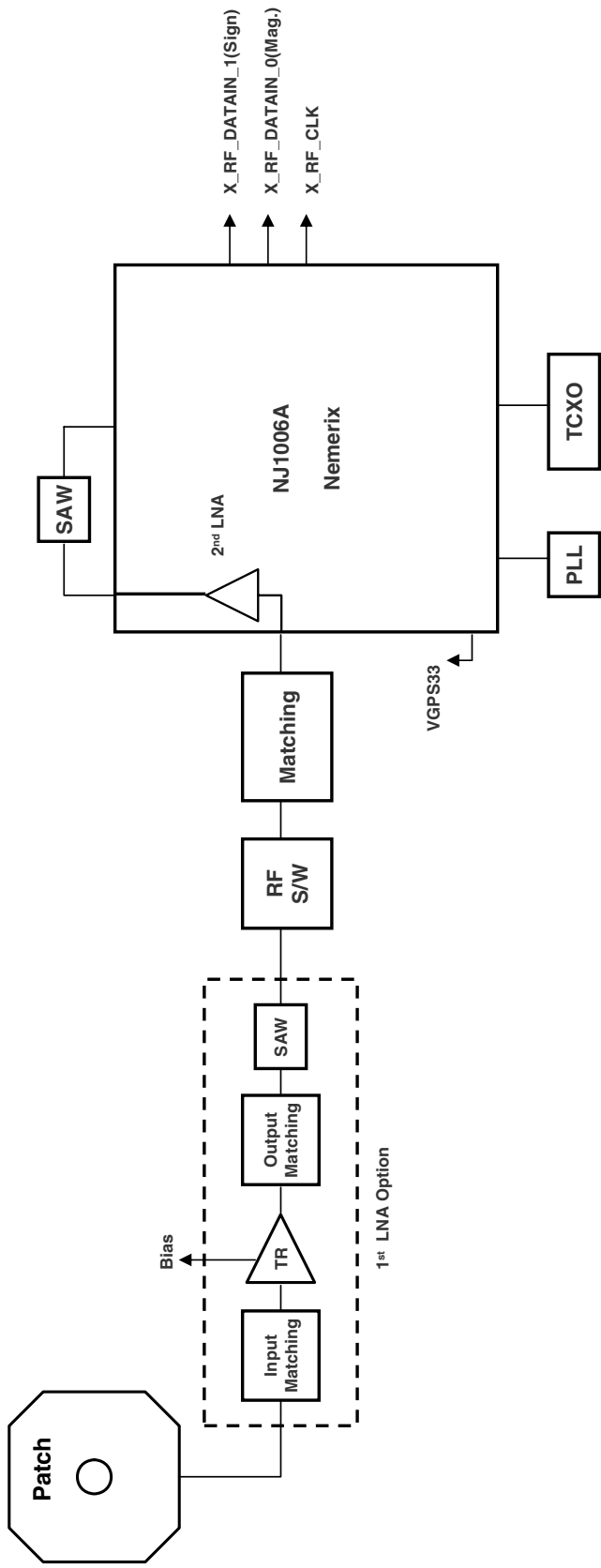
## • LCD BLOCK DIAGRAM



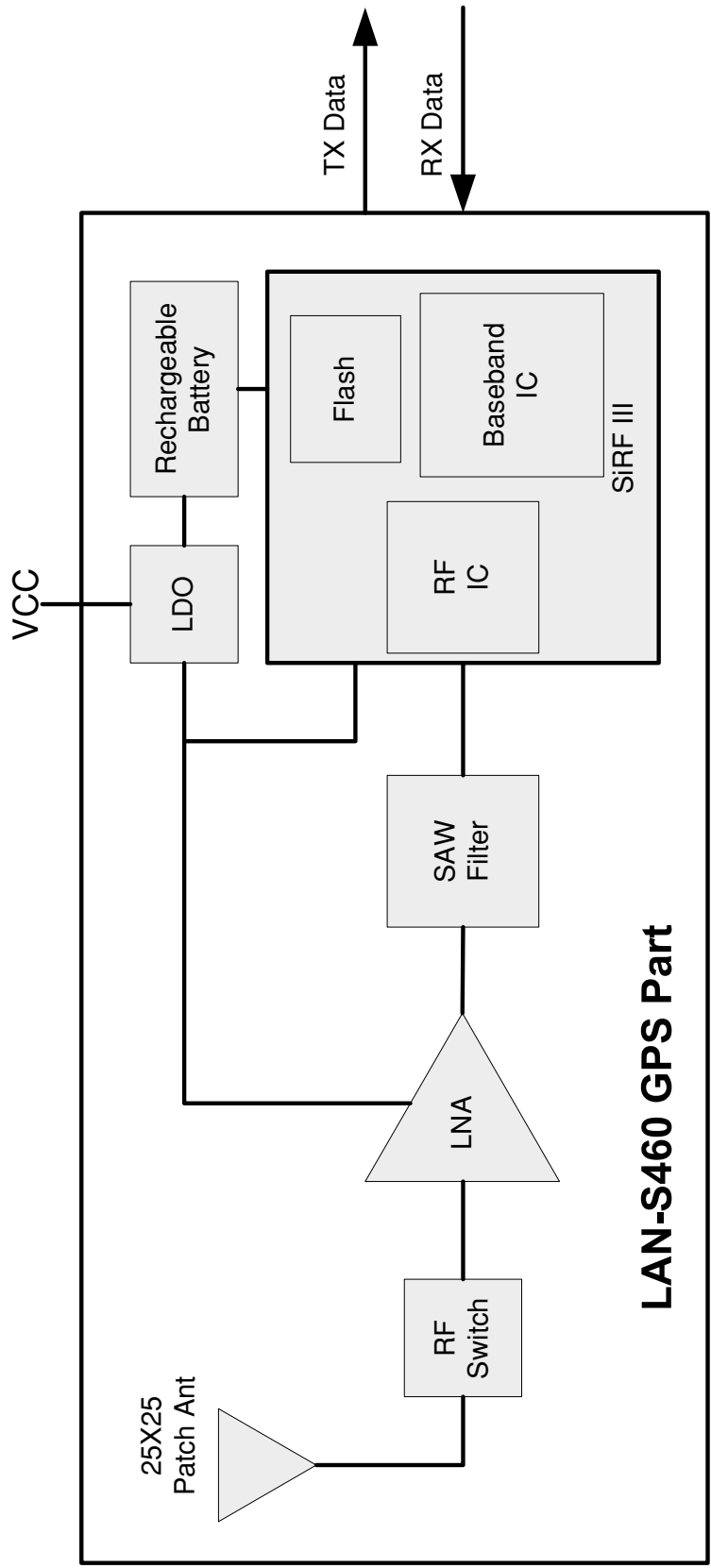
- **AUDIO BLOCK DIAGRAM**



• GPS BLOCK DIAGRAM



• **GPS\_2 BLOCK DIAGRAM**

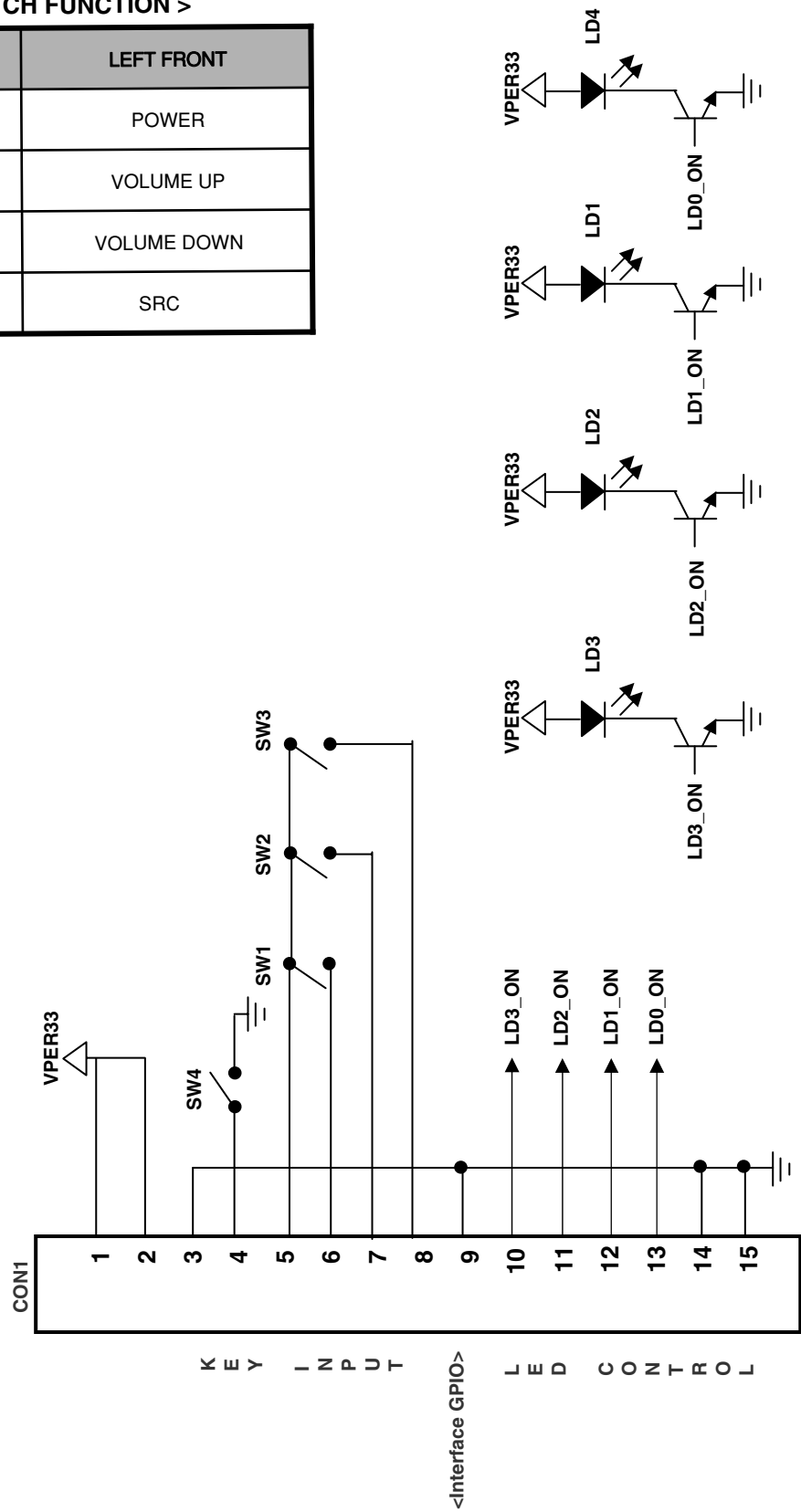




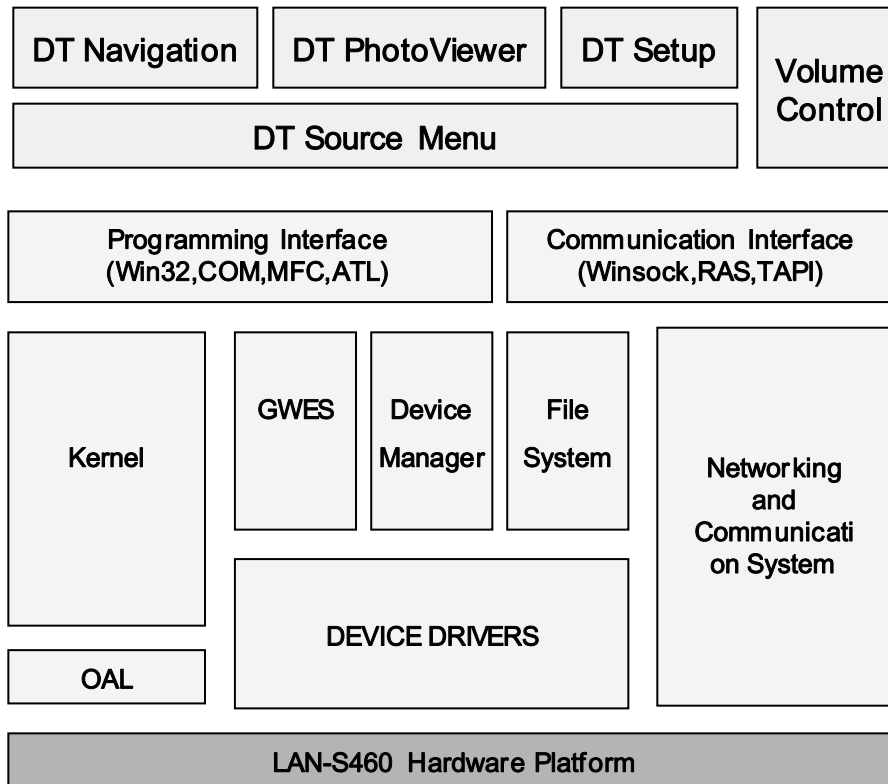
• INTERFACE BLOCK DIAGRAM

< SWITCH FUNCTION >

LOC.	LEFT FRONT
SW4	POWER
SW1	VOLUME UP
SW2	VOLUME DOWN
SW3	SRC



## • SW BLOCK DIAGRAM



OAL : OEM Adaptation Layer  
 GWES : Graphics, Windowing and  
           Event Sub system  
 COM : Component Object Model  
 MFC : Microsoft Foundation Class  
 ATL : Active Template Library  
 RAS : Remote Access Sever  
 TAPI : Telephony Application Program Interface

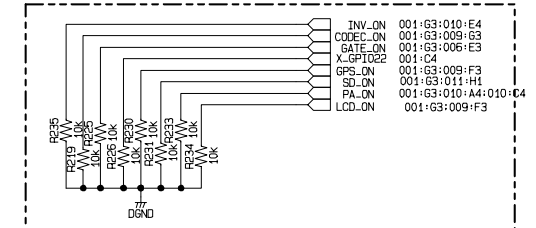
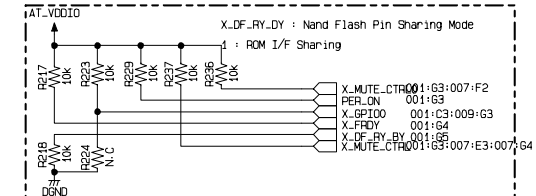
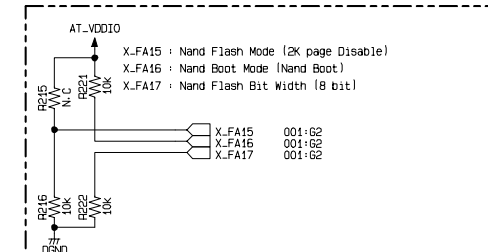
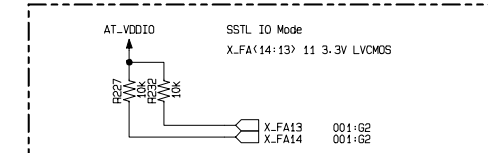
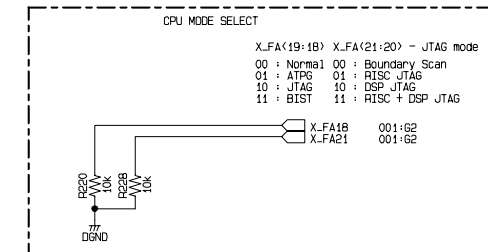
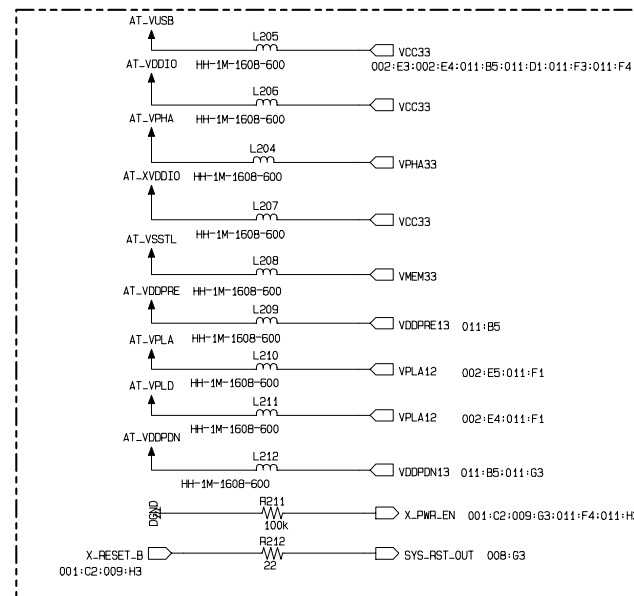
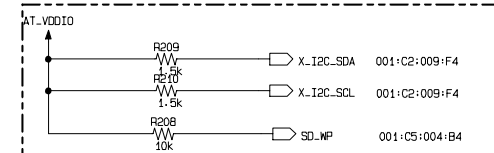
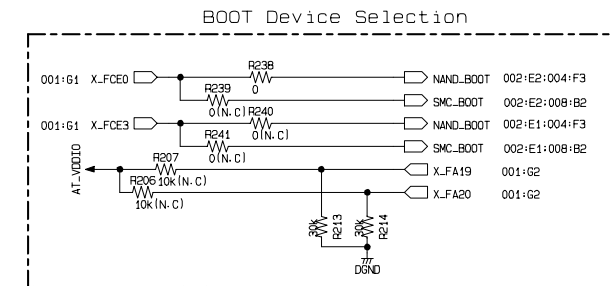
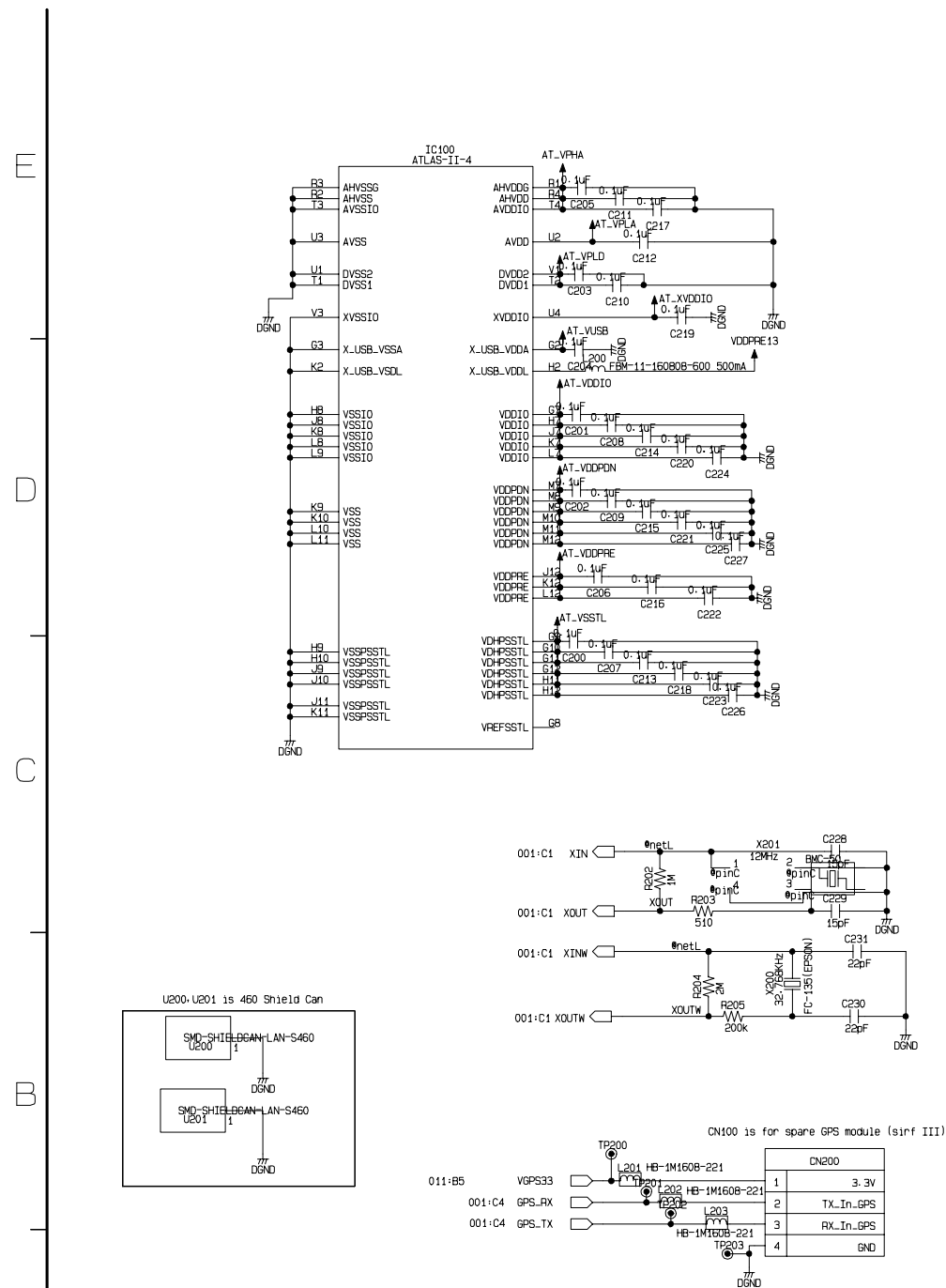
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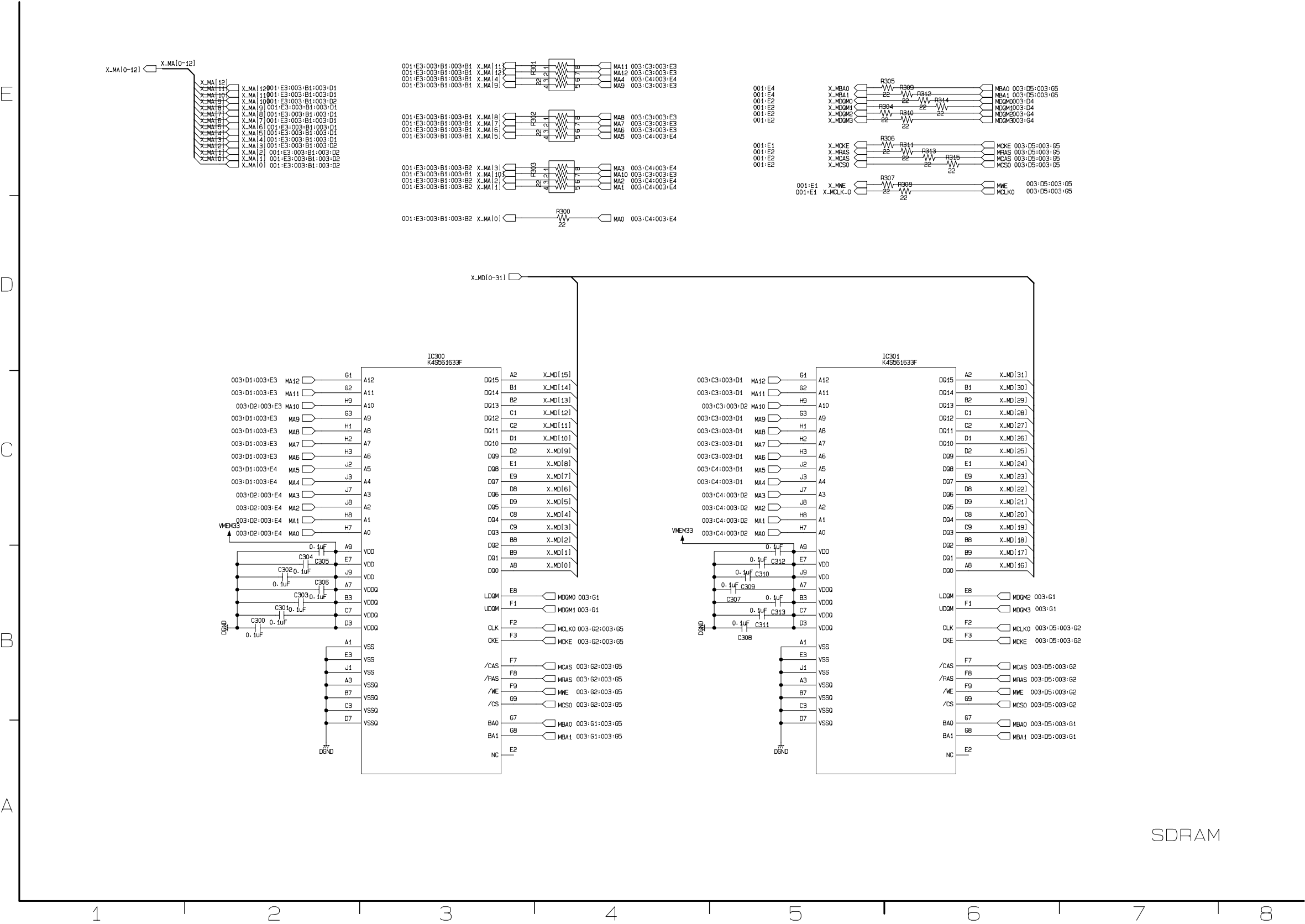
- **CPU I/O SCHEMATIC DIAGRAM**



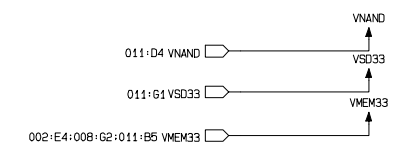
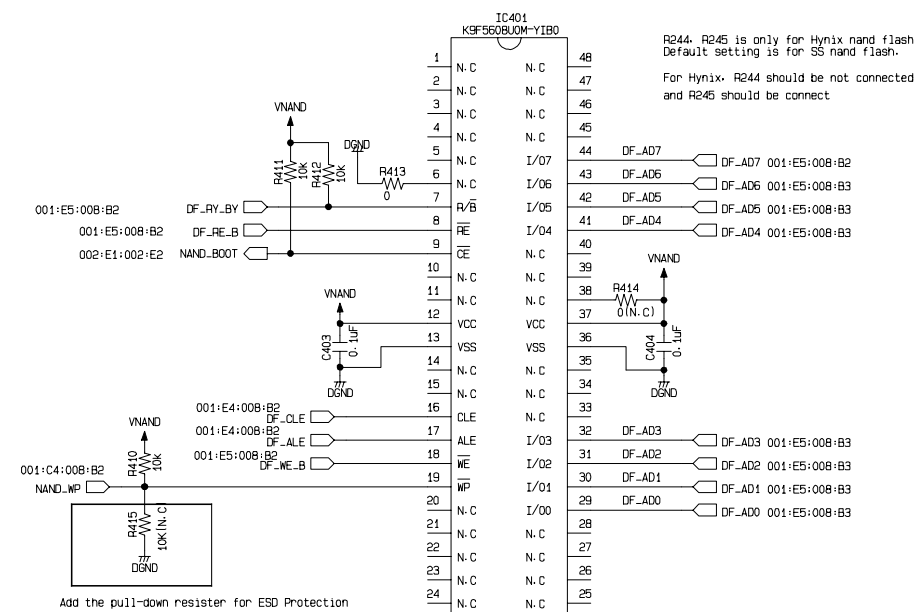
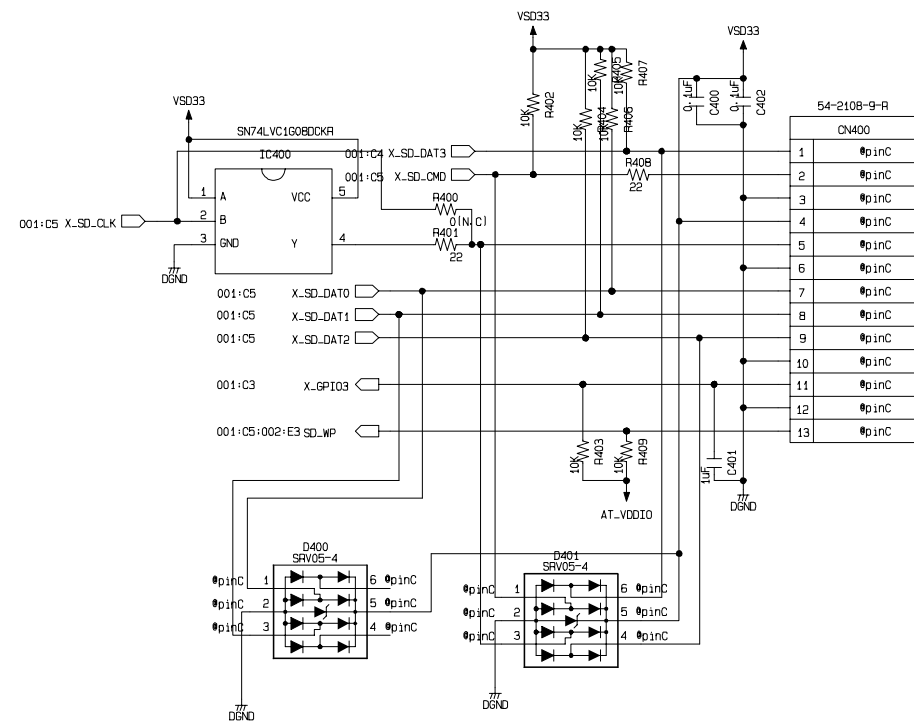
- **CPU PWR & CONFIGURATION SCHEMATIC DIAGRAM**



• SDRAM SCHEMATIC DIAGRAM

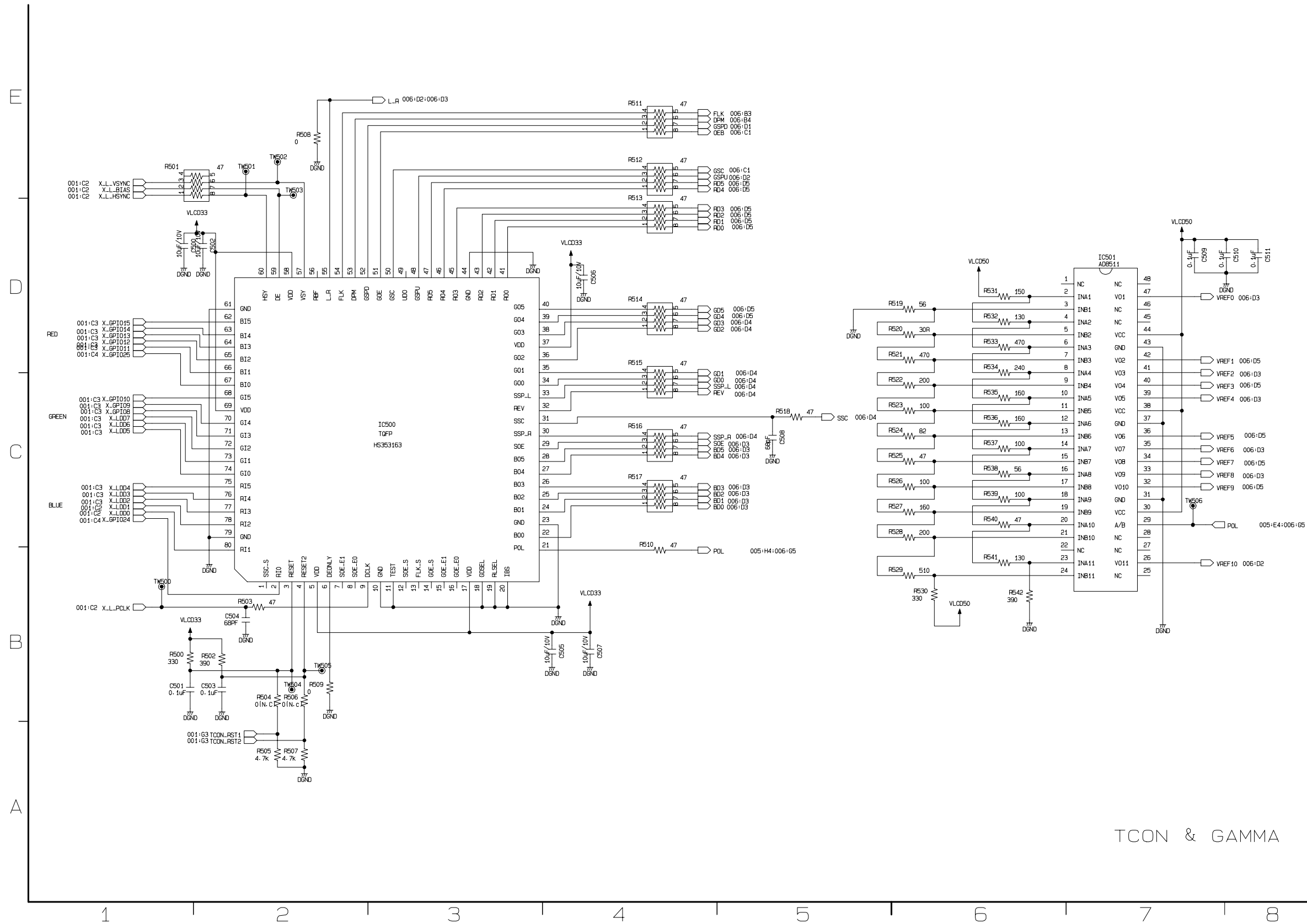


- **NAND FLASH & SD CARD SCHEMATIC DIAGRAM**



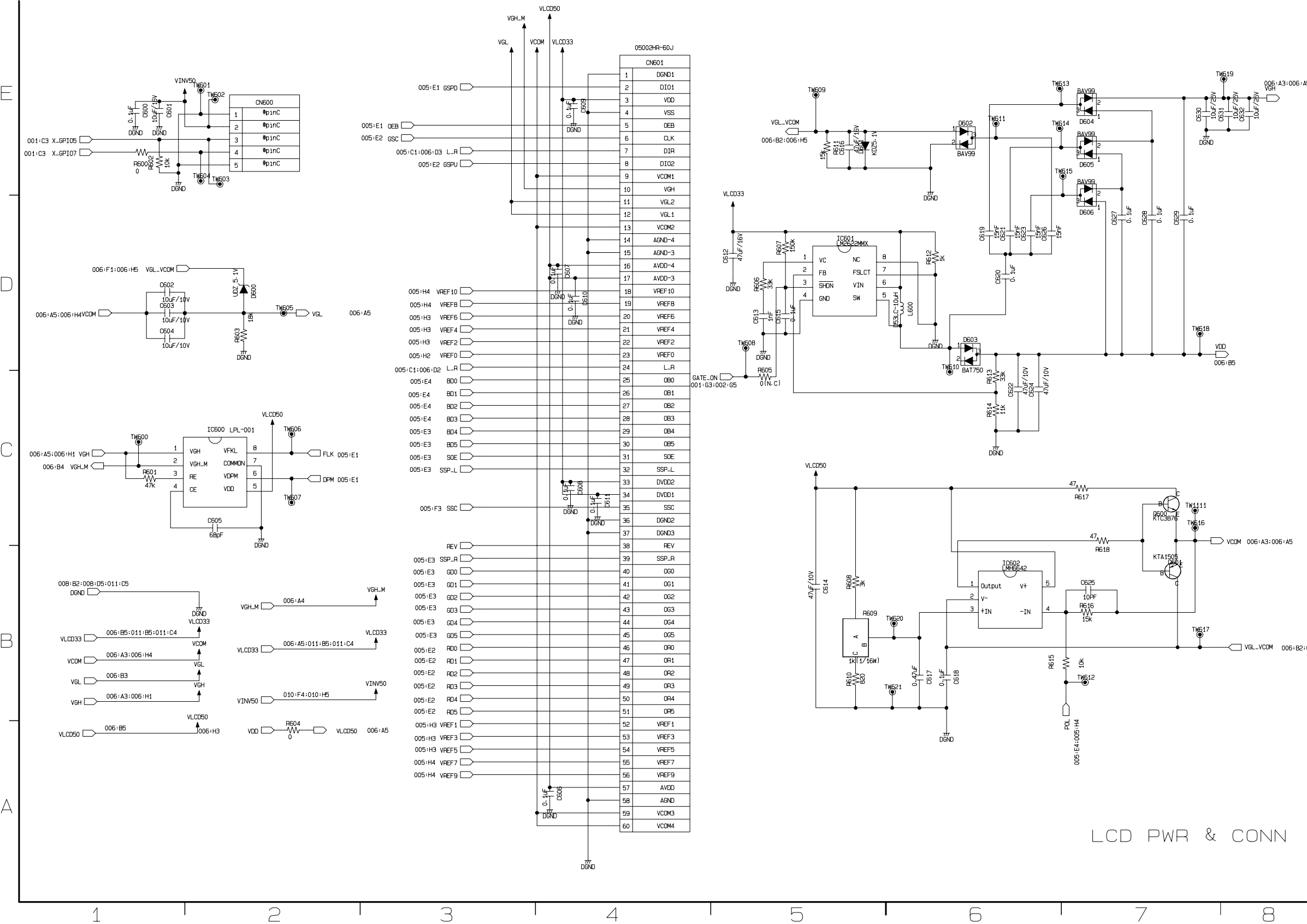
NAND & SD CARD

- **TCON & GAMMA SCHEMATIC DIAGRAM**



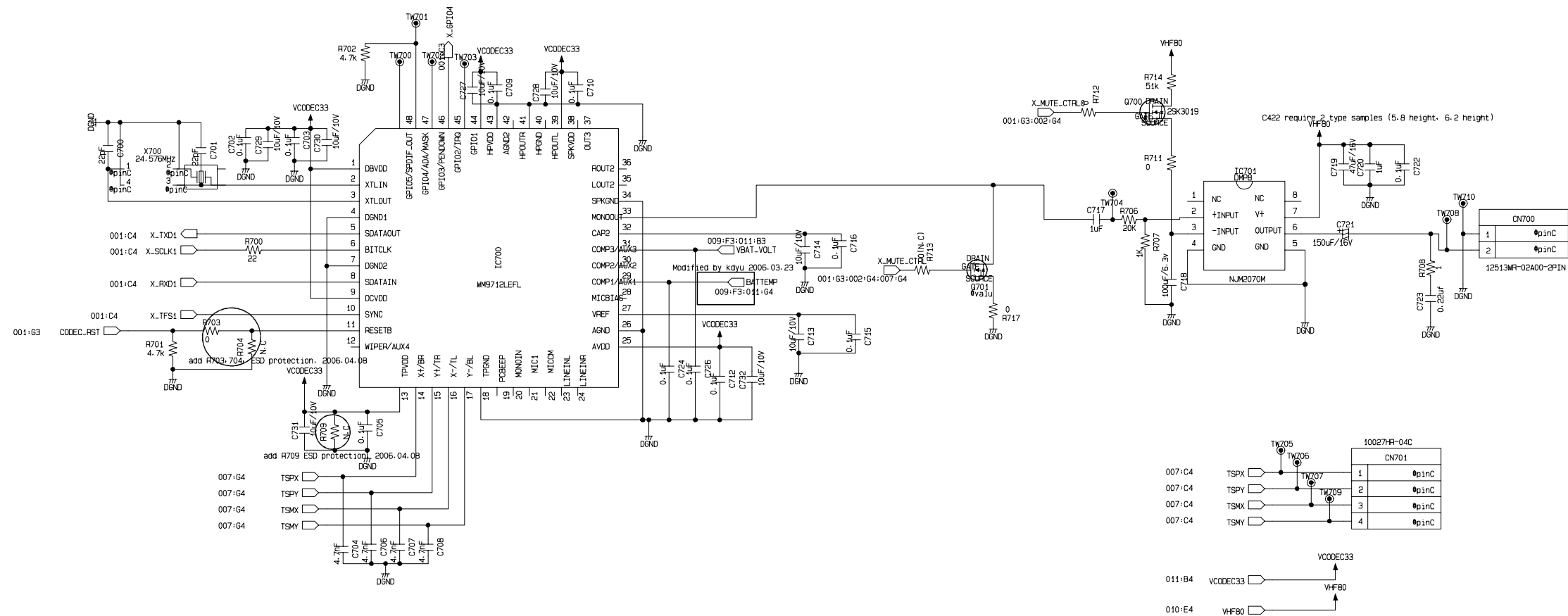


• LCD PWR & CONN SCHEMATIC DIAGRAM



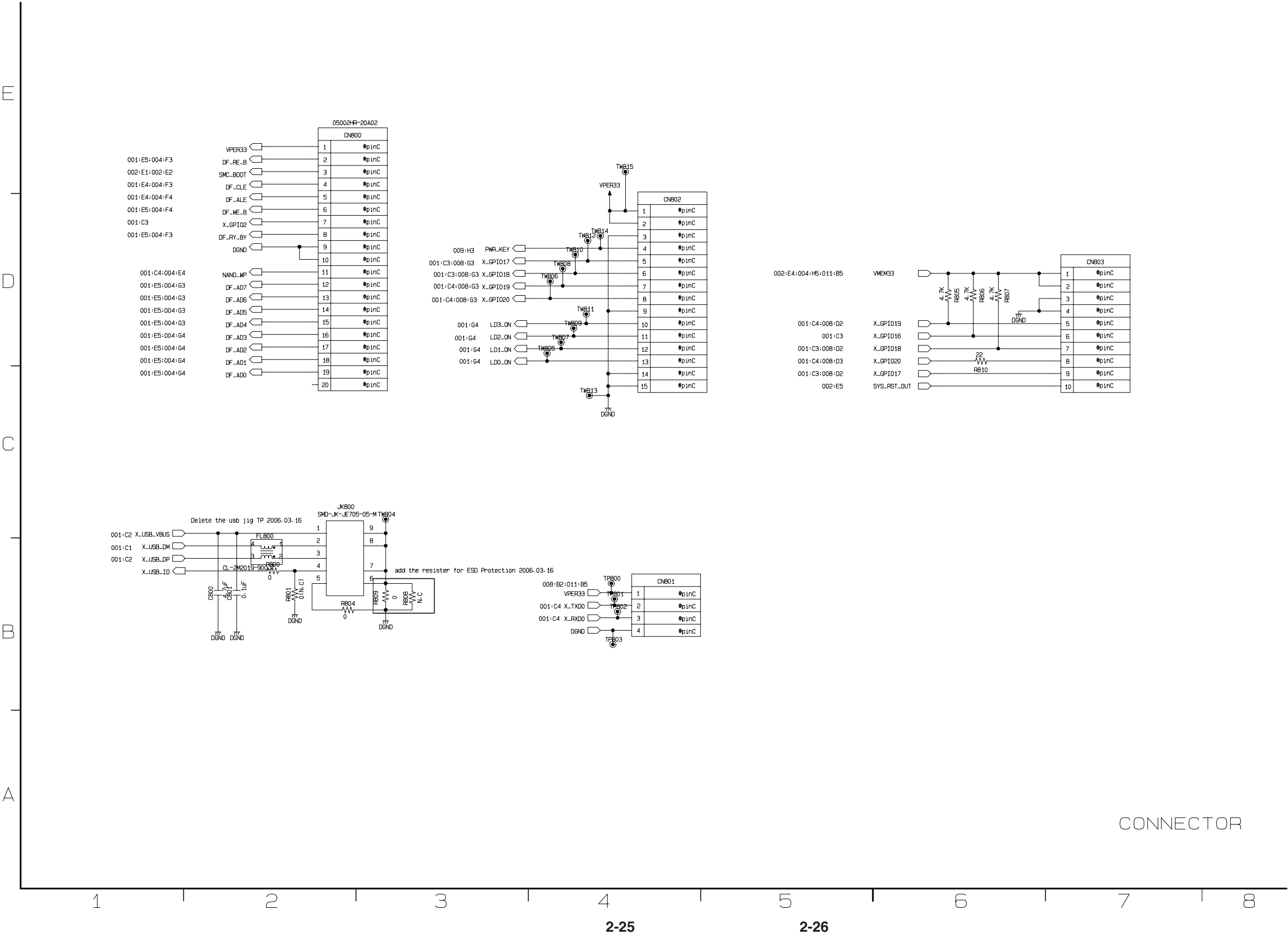
LCD PWR & CONN

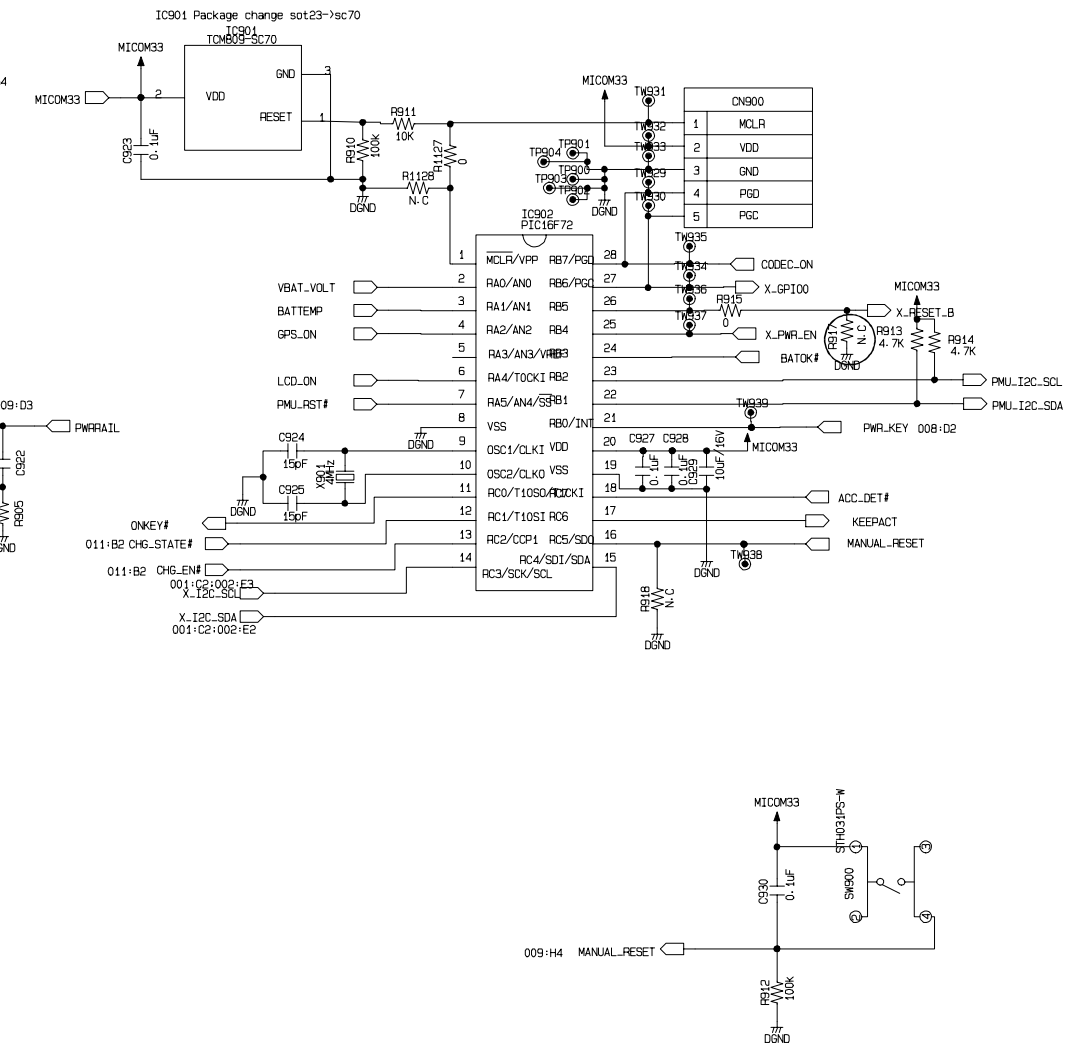
- **CODEC SCHEMATIC DIAGRAM**



CODEC

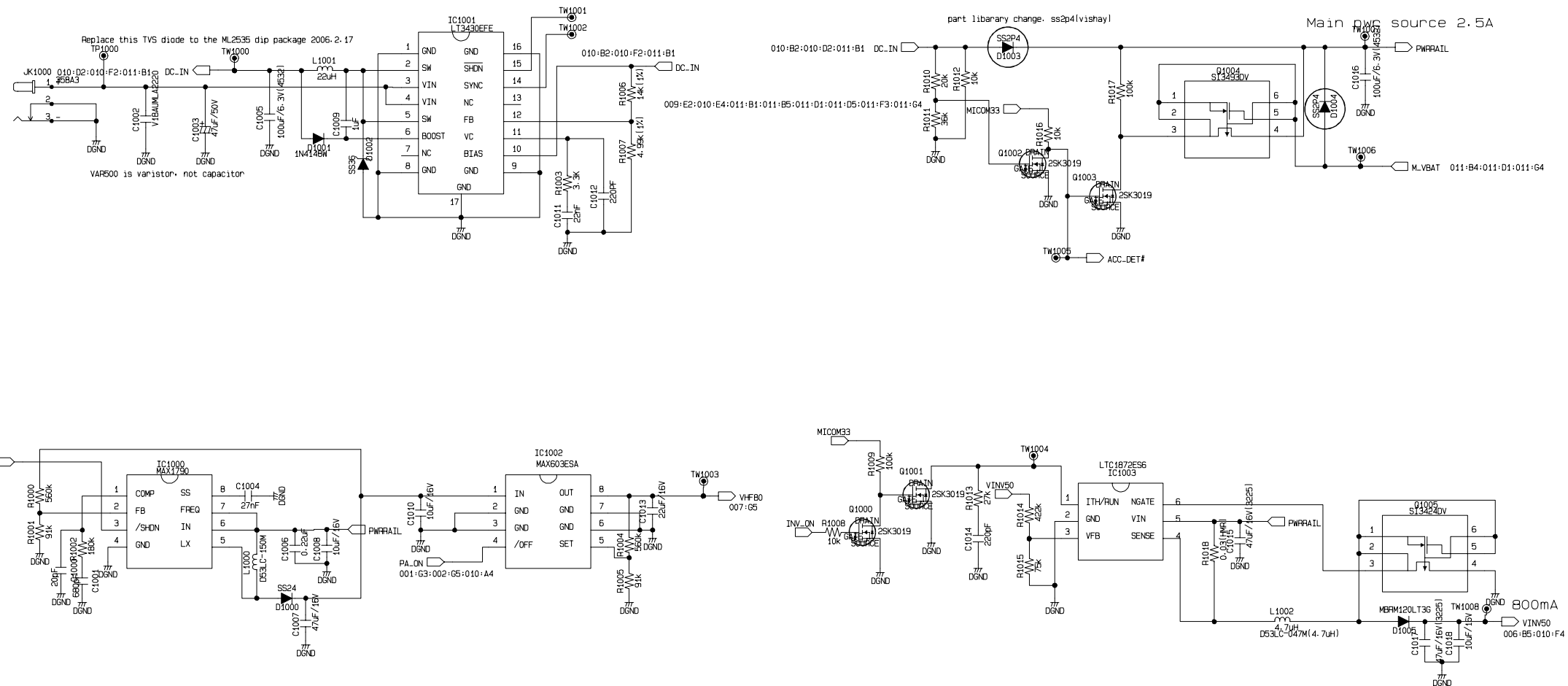
• CONNECTOR SCHEMATIC DIAGRAM





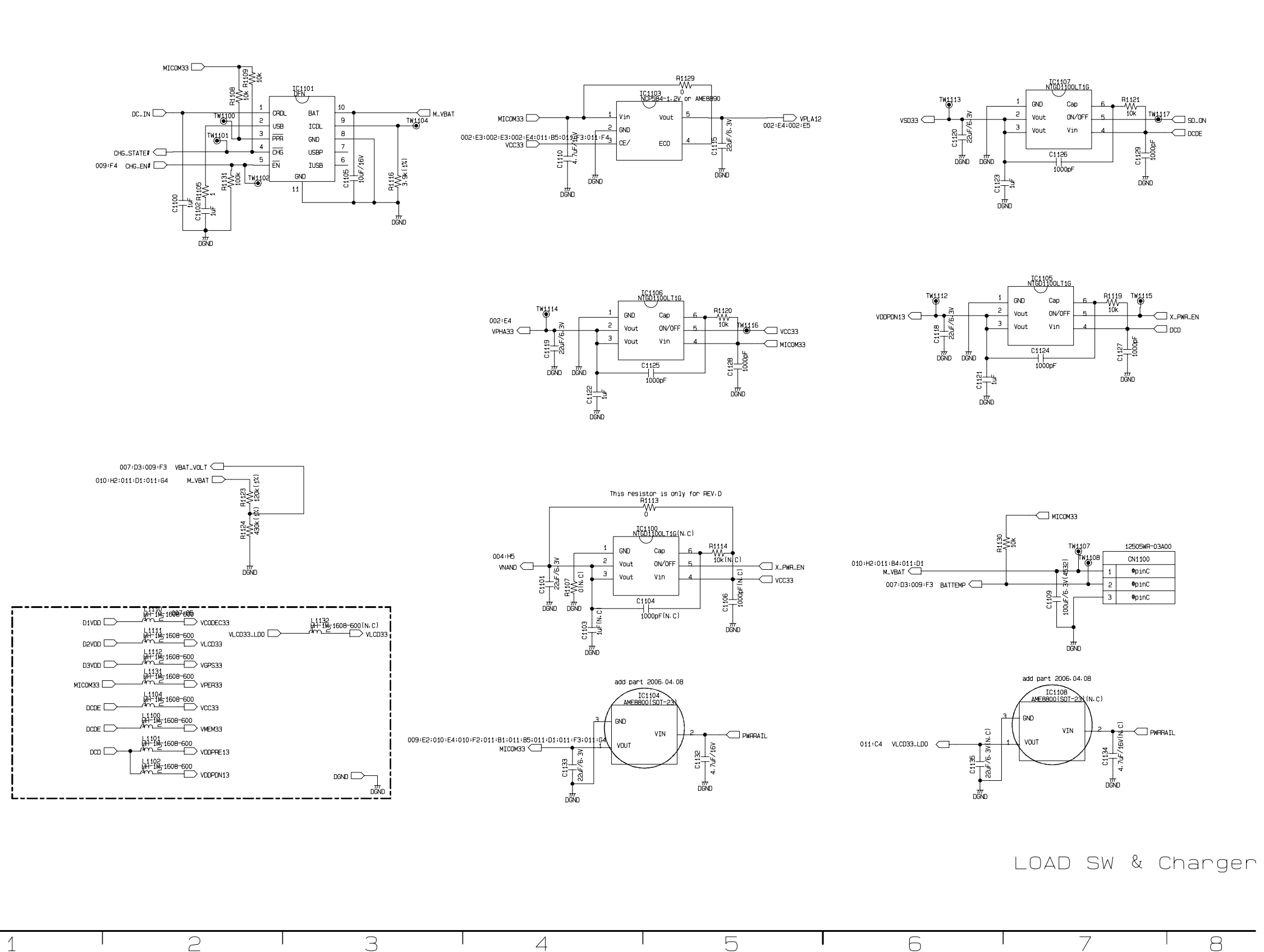
PMU &amp; MICOM

- **PWR RAIL & BOOST SCHEMATIC DIAGRAM**



## PWR RAIL & BOOST

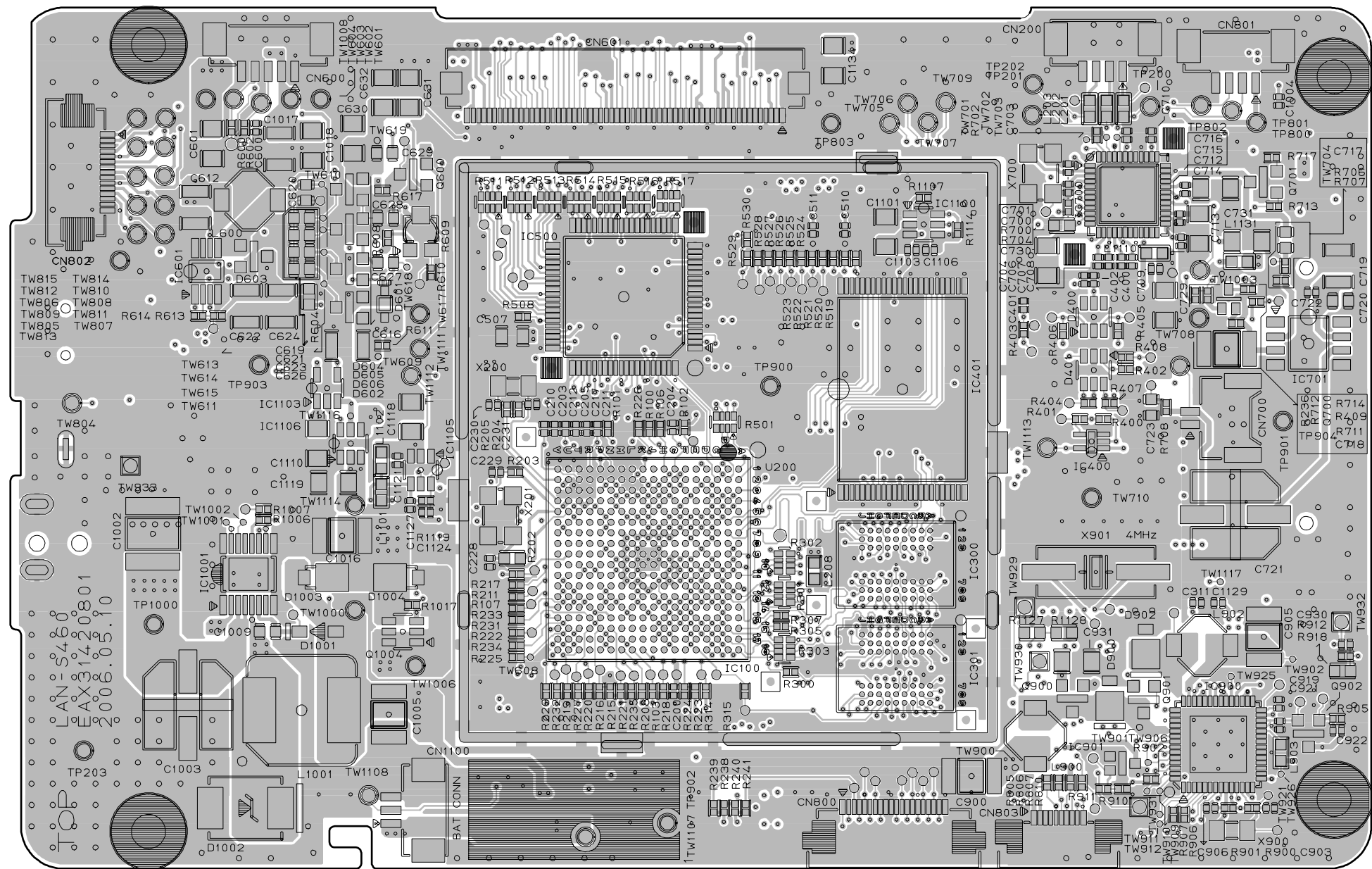
- **LOAD SWITCH & CHARGER SCHEMATIC DIAGRAM**



LOAD SW & Charger

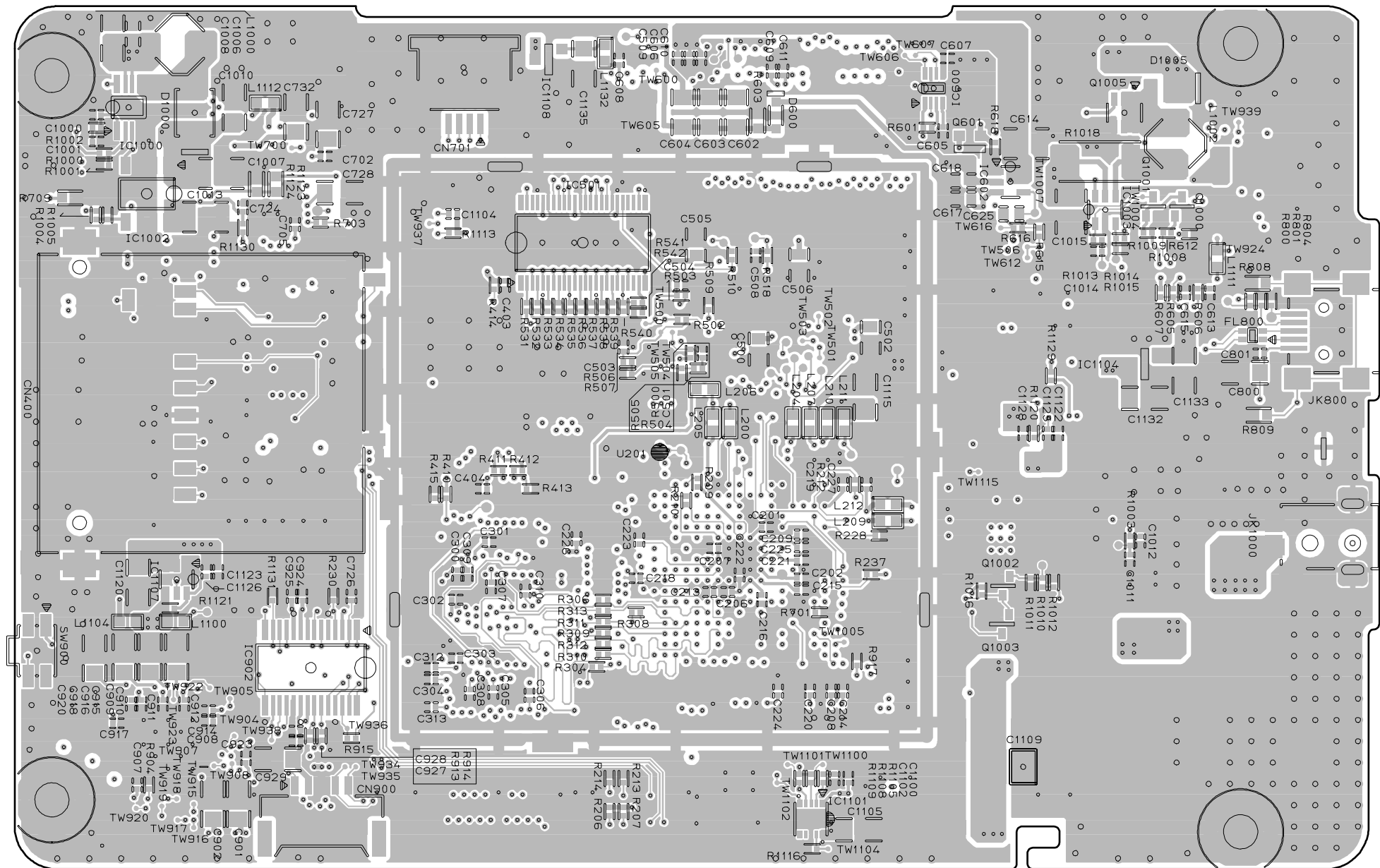
❑ PRINTED CIRCUIT DIAGRAM

- MAIN P.C BOARD DIAGRAM (TOP SIDE)



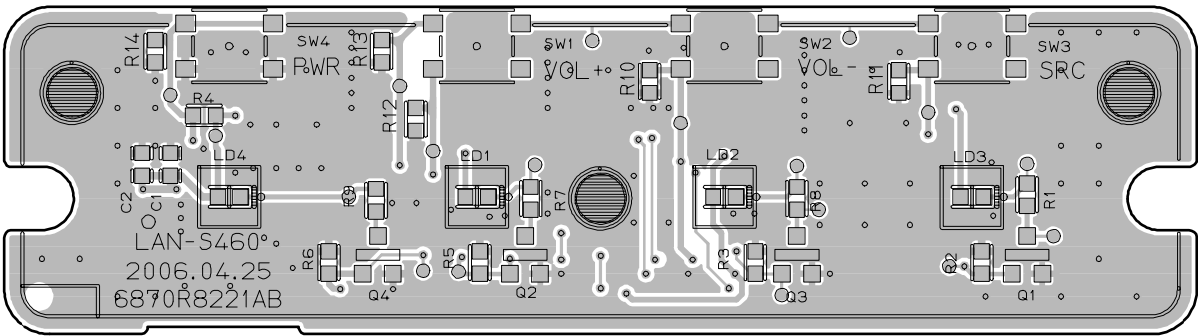


- **MAIN P.C BOARD DIAGRAM (BOTTOM SIDE)**

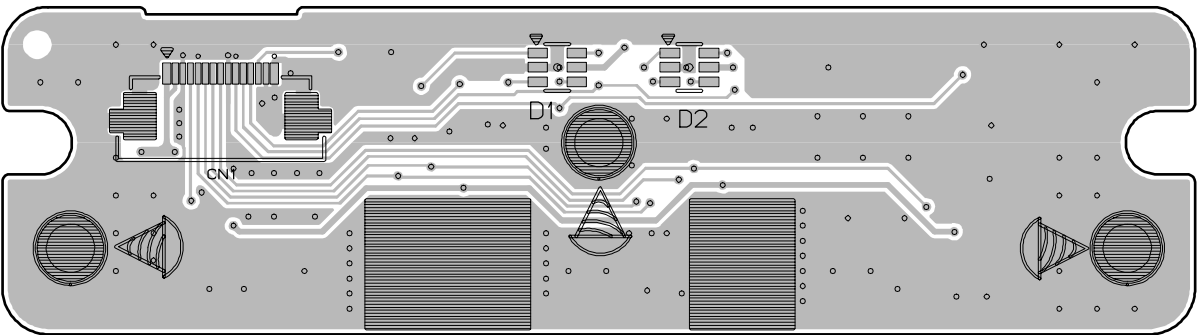




• KEY P.C BOARD DIAGRAM (TOP SIDE)



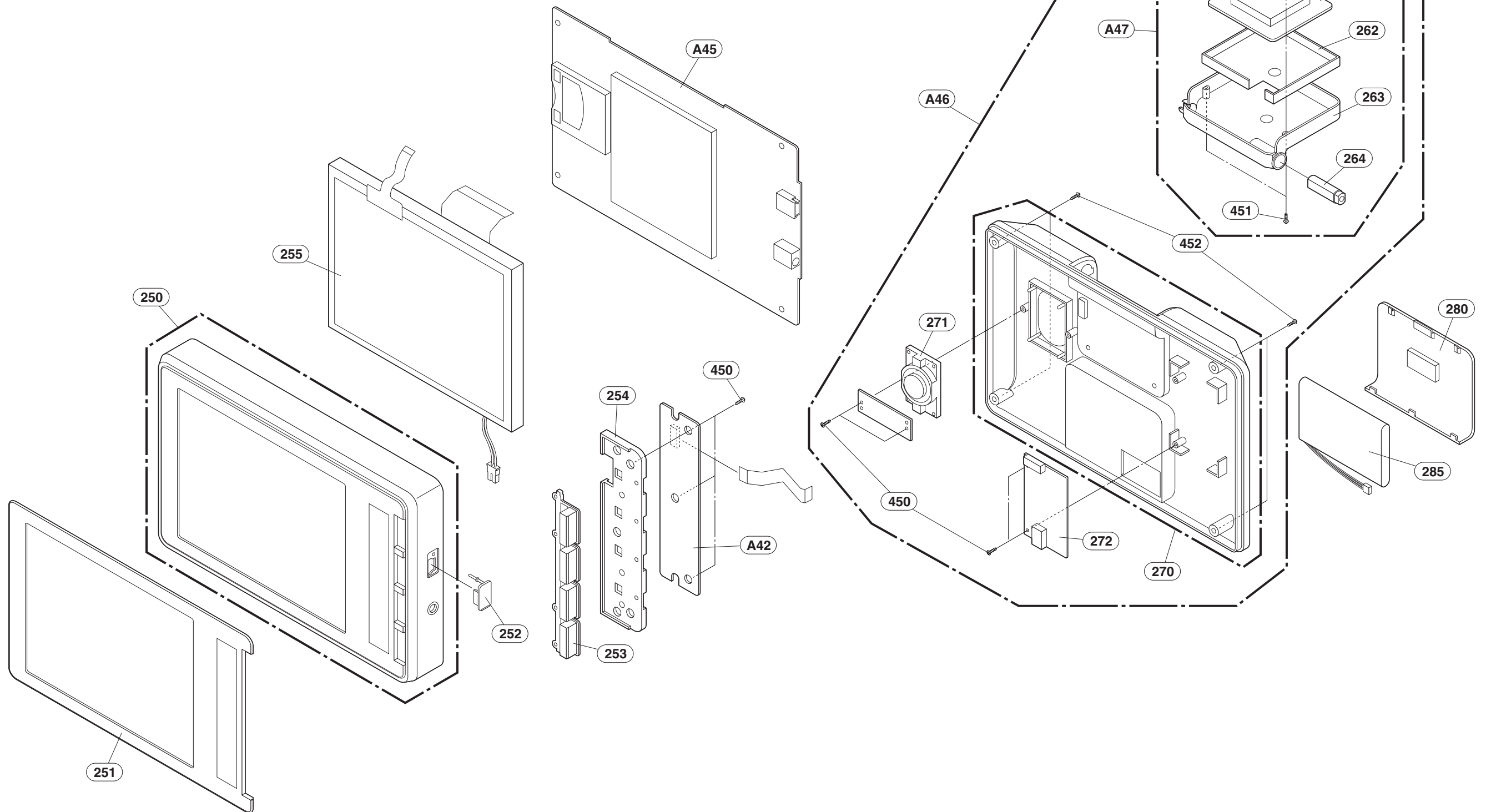
• KEY P.C BOARD DIAGRAM (BOTTOM SIDE)



## SECTION 3. EXPLODED VIEWS

### □ CABINET & MAIN FRAME SECTION

NOTE) Refer to SECTION 4 REPLACEMENT PARTS LIST in order to look for the part number of each part.



MEMO

Lined area for writing on page 3-3.

MEMO

Lined area for writing on page 3-4.

# SECTION 4. REPLACEMENT PARTS LIST

**NOTE: Warning**



Parts that are shaded are critical With respect to risk of fire or electrical shock.

**NSP : Non SVC Parts**

**RUN DATE : 01.NOVEMBER.2006**

## . Cabinet & Main Frame Section

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
<b>ASSEMBLY PARTS SECTION</b>						
		A42	EBR30812201	PCB Assembly	LAN-S460 PND TOTAL FRONT KEY P	
		A45	EBR30803601	Option Code Assembly	LAN-S460 AM NAVI S/W + H/W	
		A46	ABQ30265801	Case Assembly	LAN-S460 BOTTOM ASSY	
		A47	ABQ30266001	Case Assembly	LAN-S460 GPS ASSY	
<b>PARTS SECTION</b>						
		250	ABQ30267001	Case Assembly	LAN-S460 SUB FRONT ASSY	
		251	ACW30385602	Decor Assembly	WINDOW DECO + SHEET ASSY P/N	
		252	3550RC0997A	Cover	CAR LAN-S460 OTHER USB CAP	
		253	5020RC0761A	Button	CAR LAN-S460 MOLD FRONT	
		254	3034RCR066A	Reflector	LAN-S460 MOLD FRONT	
		255	EBR30823401	Option Code Assembly	LAN-S460 LCD Ass'y LCD+Touch	
		260	3110RCR063A	Case	LAN-S460 MOLD GPS TOP	NSP
		261	6885RM4638A	Option Code Assembly	LAN-S460 GPS-MODULE SIRF ONE C	NSP
		262	MBN30334702	Case	PRESS SPTE 0.3 LAN-S460 PRESS	NSP
		263	ABQ30266301	Case Assembly	LAN-S460 SUB GPS BOTTOM ASSY	NSP
		264	4931R-0114A	Holder Assembly	CAR LAN-S460 HINGE SSY	NSP
		270	ABQ30266101	Case Assembly	LAN-S460 SUB BOTTOM ASSY	
		271	EAB30662801	Speaker,Fullrange	EN1012C-5945-10 ND 1W 4OHM 78D	
		272	6633R-0630G	Inverter,DC/AC	D040I01 D/D 4.8VTO5.2V - 6MA	
		280	ACQ30267201	Cover Assembly	CAR LAN-S460 BATTERY ASSY	
		285	EAC30173401	Battery,Assembly	LAN-S460 ICP523450B1 1000mAh 1	
<b>SCREW</b>						
		450	1SZZR-0029C	Screw,Customzied	- + 2MM 5MM MSWR FZB	
		451	353-632E	Screw,Customzied	TAPPING 1.7X5 FBK	
		452	353-645A	Screw,Customzied	353-645A PH + 4.3M 8M SWRCH BK	

## . Packing & Accessory Section

		801	AFN30359611	Manual Assembly	CAR LAN-S460 LGEAP	
		825	6851B09288E	Cable,Assembly	HT808-106-070 USB CONNECTOR US	
		826	EBR35170201	Option Code Assembly	LAN-S460 A1.AA2ALLK -	
		827	EAD30856301	Cable,Assembly	62C00000023 DC PLUG PIN PLUG 0	
		828	EAY30714903	Adapters	DSA-20P-10 AU 120180 240V 12V	
		829	MBN34735702	Case	CUTTING POLY URETHANE LAN-S360	
		830	4931R-0115A	Holder Assembly	CAR LAN-S460 CRADLE NAVI	
		835	SAC30528801	Title	Australia Australia CD MAP 106	

# **. Electrical Section** NSP : Non Service Parts RUN DATE : 01.NOVEMBER.2006

S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
<b>CAPACITOR</b>						
		C1	0CH1104K512	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 16V X	NSP
		C1000	EAE30281301	Capacitor,Ceramic,Chip	CS1005C0G200J400NR 20pF 5% 50V	NSP
		C1001	0CK681BK56A	Capacitor,Ceramic,Chip	C1005X7R1H681KT 680pF 10% 50V	NSP
		C1003	EAE30174501	Capacitor,AL,Chip	CK1H476M0806BVR 47uF 20% 50V 3	NSP
		C1004	EAE30282201	Capacitor,Ceramic,Chip	CS1005X7R273K160NR 27nF 10% 16	NSP
		C1005	0CK107KC66A	Capacitor,Ceramic,Chip	C4532X7R0J107MT 100uF 20% 6.3V	NSP
		C1006	0CK224CH94A	Capacitor,Ceramic,Chip	0603F224Z250CT 220nF -20TO+80%	NSP
		C1007	0CK476FF46A	Capacitor,Ceramic,Chip	C3225X7R1C476JT 47uF 5% 16V X7	NSP
		C1008	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
		C1009	0CK105CK56A	Capacitor,Ceramic,Chip	C1608X7R1H105KT 1uF 10% 25V X7	NSP
		C1010	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
		C1011	EAE30281601	Capacitor,Ceramic,Chip	CS1005X7R223K160NR 22nF 10% 16	NSP
		C1012	0CK221BK56A	Capacitor,Ceramic,Chip	0402B221K500CT 220pF 10% 50V X	NSP
		C1013	0CK226FF56A	Capacitor,Ceramic,Chip	CS3225X7R226K160NRL 22uF 10% 1	NSP
		C1014	0CK221BK56A	Capacitor,Ceramic,Chip	0402B221K500CT 220pF 10% 50V X	NSP
		C1015	0CK476FF46A	Capacitor,Ceramic,Chip	C3225X7R1C476JT 47uF 5% 16V X7	NSP
		C1016	0CK107KC66A	Capacitor,Ceramic,Chip	C4532X7R0J107MT 100uF 20% 6.3V	NSP
		C1017	0CK476FF46A	Capacitor,Ceramic,Chip	C3225X7R1C476JT 47uF 5% 16V X7	NSP
		C1018	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
		C1100	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C1101	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C1102	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C1105	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
		C1109	0CK107KC66A	Capacitor,Ceramic,Chip	C4532X7R0J107MT 100uF 20% 6.3V	NSP
		C1110	0CK475EF56A	Capacitor,Ceramic,Chip	C3216X7R1C475KT 4.7uF 10% 16V	NSP
		C1115	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C1118	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C1119	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C1120	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C1121	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C1122	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C1123	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C1124	0CK102BK56A	Capacitor,Ceramic,Chip	0402B102K500CT 1nF 10% 50V X7R	NSP
		C1125	0CK102BK56A	Capacitor,Ceramic,Chip	0402B102K500CT 1nF 10% 50V X7R	NSP
		C1126	0CK102BK56A	Capacitor,Ceramic,Chip	0402B102K500CT 1nF 10% 50V X7R	NSP
		C1127	0CK102BK56A	Capacitor,Ceramic,Chip	0402B102K500CT 1nF 10% 50V X7R	NSP
		C1128	0CK102BK56A	Capacitor,Ceramic,Chip	0402B102K500CT 1nF 10% 50V X7R	NSP
		C1129	0CK102BK56A	Capacitor,Ceramic,Chip	0402B102K500CT 1nF 10% 50V X7R	NSP
		C1132	0CK475EF56A	Capacitor,Ceramic,Chip	C3216X7R1C475KT 4.7uF 10% 16V	NSP
		C1133	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C1135	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C2	0CH1104K512	Capacitor,Ceramic,Chip	0603B104K500CT 100nF 10% 16V X	NSP
		C200	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C200	0CK106DC56A	Capacitor,Ceramic,Chip	0805X106K6R3CT 10uF 10% 6.3V X	NSP
		C201	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C201	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C202	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C202	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C203	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C203	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C204	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C204	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C205	0CK101BK4EA	Capacitor,Ceramic,Chip	C1005C0G1H101JT 100pF 5% 50V C	NSP
		C205	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C206	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C206	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C207	0CC151BK41A	Capacitor,Ceramic,Chip	C1005C0G1H151JT 150pF 5% 50V C	NSP
		C207	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C208	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C208	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C209	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP

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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C209	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C210	0CK102BKG6A	Capacitor,Ceramic,Chip	UMK105JB102KV-T 1nF 10% 50V X7	NSP
		C210	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C211	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C211	0CK331BK56A	Capacitor,Ceramic,Chip	0402B331K500CT 330pF 10% 50V X	NSP
		C212	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C212	EAE30280701	Capacitor,Ceramic,Chip	CS1005C0G240J500NR 24pF 5% 50V	NSP
		C213	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C213	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C214	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C214	ECCH0000901	Capacitor,Ceramic,Chip	CS1005C0G2R2C500NR 2.2pF 0.25P	NSP
		C215	0CK060BK5FA	Capacitor,Ceramic,Chip	C1005C0G1H060KT 6pF 0.5PF 50V	NSP
		C215	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C216	0CK102BKG6A	Capacitor,Ceramic,Chip	UMK105JB102KV-T 1nF 10% 50V X7	NSP
		C216	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C217	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C217	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C218	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C218	0CK330BK4DA	Capacitor,Ceramic,Chip	UMK105CG330JV-T 33pF 5% 50V C0	NSP
		C219	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C219	0CK180BK4DA	Capacitor,Ceramic,Chip	UMK105CG180JV-T 18pF 5% 50V C0	NSP
		C220	0CK100BK4EA	Capacitor,Ceramic,Chip	C1005C0G1H100JT 10pF 5% 50V C0	NSP
		C220	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C221	0CK102BKG6A	Capacitor,Ceramic,Chip	UMK105JB102KV-T 1nF 10% 50V X7	NSP
		C221	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C222	0CC030BK01A	Capacitor,Ceramic,Chip	C1005C0G1H030CT 3pF 0.25PF 50V	NSP
		C222	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C223	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C223	0CK270BKFDA	Capacitor,Ceramic,Chip	C1005C0G1H270JT 27pF 5% 50V C0	NSP
		C224	0CK103BHG6A	Capacitor,Ceramic,Chip	C1005X7R1E103KT 10nF 10% 25V X	NSP
		C224	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C225	0CK103BHG6A	Capacitor,Ceramic,Chip	C1005X7R1E103KT 10nF 10% 25V X	NSP
		C225	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C226	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C226	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C227	0CK102BKG6A	Capacitor,Ceramic,Chip	UMK105JB102KV-T 1nF 10% 50V X7	NSP
		C227	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C228	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C228	0CK150BK0DA	Chip Ceramic Capacitor(MLCC)	15PF 1005 50V +-0.25 PF COG R/	NSP
		C229	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C229	0CK150BK0DA	Chip Ceramic Capacitor(MLCC)	15PF 1005 50V +-0.25 PF COG R/	NSP
		C230	0CK103BHG6A	Capacitor,Ceramic,Chip	C1005X7R1E103KT 10nF 10% 25V X	NSP
		C230	0CK220BK5DA	Capacitor,Ceramic,Chip	0402N220K500LT 22pF 10% 50V C0	NSP
		C231	0CK220BK5DA	Capacitor,Ceramic,Chip	0402N220K500LT 22pF 10% 50V C0	NSP
		C231	0CK225CFK7A	Capacitor,Ceramic,Chip	C1608X5R1C225MT 2.2uF 20% 16V	NSP
		C232	0CK103BHG6A	Capacitor,Ceramic,Chip	C1005X7R1E103KT 10nF 10% 25V X	NSP
		C233	ECZH0003104	Capacitor,Ceramic,Chip	GRM36X7R104K16PT 100nF 10% 16V	NSP
		C236	0CK105CC56A	Capacitor,Ceramic,Chip	0603B105K6R3CT 1uF 10% 6.3V X7	NSP
		C237	ECZH0003104	Capacitor,Ceramic,Chip	GRM36X7R104K16PT 100nF 10% 16V	NSP
		C238	ECZH0003104	Capacitor,Ceramic,Chip	GRM36X7R104K16PT 100nF 10% 16V	NSP
		C239	0CC151BK41A	Capacitor,Ceramic,Chip	C1005C0G1H151JT 150pF 5% 50V C	NSP
		C240	ECZH0003104	Capacitor,Ceramic,Chip	GRM36X7R104K16PT 100nF 10% 16V	NSP
		C241	0CC151BK41A	Capacitor,Ceramic,Chip	C1005C0G1H151JT 150pF 5% 50V C	NSP
		C242	ECZH0003104	Capacitor,Ceramic,Chip	GRM36X7R104K16PT 100nF 10% 16V	NSP
		C243	0CC151BK41A	Capacitor,Ceramic,Chip	C1005C0G1H151JT 150pF 5% 50V C	NSP
		C300	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C301	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C302	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C303	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C304	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C305	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C306	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP



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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C307	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C308	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C309	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C310	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C311	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C312	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C313	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C400	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C401	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C402	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C403	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C404	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C500	0CK106DD94A	Capacitor,Ceramic,Chip	LMK212 F106ZG-T 10uF -20TO+80%	NSP
		C501	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C502	0CK106DD94A	Capacitor,Ceramic,Chip	LMK212 F106ZG-T 10uF -20TO+80%	NSP
		C503	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C504	0CK680BK4DA	Capacitor,Ceramic,Chip	C1005C0G1H680JT 68pF 5% 50V C0	NSP
		C505	0CK106DD94A	Capacitor,Ceramic,Chip	LMK212 F106ZG-T 10uF -20TO+80%	NSP
		C506	0CK106DD94A	Capacitor,Ceramic,Chip	LMK212 F106ZG-T 10uF -20TO+80%	NSP
		C507	0CK106DD94A	Capacitor,Ceramic,Chip	LMK212 F106ZG-T 10uF -20TO+80%	NSP
		C508	0CK680BK4DA	Capacitor,Ceramic,Chip	C1005C0G1H680JT 68pF 5% 50V C0	NSP
		C509	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C510	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C511	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C600	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C601	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
		C602	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C603	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C604	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C605	0CK680BK4DA	Capacitor,Ceramic,Chip	C1005C0G1H680JT 68pF 5% 50V C0	NSP
		C606	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C607	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C608	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C609	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C610	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C611	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C612	0CK476FF46A	Capacitor,Ceramic,Chip	C3225X7R1C476JT 47uF 5% 16V X7	NSP
		C613	0CK102BK56A	Capacitor,Ceramic,Chip	0402B102K500CT 1nF 10% 50V X7R	NSP
		C614	0CK476FDK6A	Capacitor,Ceramic,Chip	C3225X7R1A476MT 47uF 20% 10V X	NSP
		C615	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C616	0CK476FF46A	Capacitor,Ceramic,Chip	C3225X7R1C476JT 47uF 5% 16V X7	NSP
		C617	0CH1474H942	Capacitor,Ceramic,Chip	C1608Y5V1E474ZT 470nF -20TO+80	NSP
		C618	0CK104CK66A	Capacitor,Ceramic,Chip	0603B104M500CT 100nF 10% 16V X	NSP
		C619	ECZH0003607	Capacitor,Ceramic,Chip	CS1608X7R153K500NRB 15nF 10% 5	NSP
		C620	0CK104CK66A	Capacitor,Ceramic,Chip	0603B104M500CT 100nF 10% 16V X	NSP
		C621	ECZH0003607	Capacitor,Ceramic,Chip	CS1608X7R153K500NRB 15nF 10% 5	NSP
		C622	0CK476FDK6A	Capacitor,Ceramic,Chip	C3225X7R1A476MT 47uF 20% 10V X	NSP
		C623	ECZH0003607	Capacitor,Ceramic,Chip	CS1608X7R153K500NRB 15nF 10% 5	NSP
		C624	0CK476FDK6A	Capacitor,Ceramic,Chip	C3225X7R1A476MT 47uF 20% 10V X	NSP
		C625	0CC100CK41A	Capacitor,Ceramic,Chip	C1608C0G1H100JT 10pF 5% 50V C0	NSP
		C626	ECZH0003607	Capacitor,Ceramic,Chip	CS1608X7R153K500NRB 15nF 10% 5	NSP
		C627	0CK104CK66A	Capacitor,Ceramic,Chip	0603B104M500CT 100nF 10% 16V X	NSP
		C628	0CK104CK66A	Capacitor,Ceramic,Chip	0603B104M500CT 100nF 10% 16V X	NSP
		C629	0CK104CK66A	Capacitor,Ceramic,Chip	0603B104M500CT 100nF 10% 16V X	NSP
		C630	0CC106EH98A	Capacitor,Ceramic,Chip	C3216Y5V1E106ZT 10uF -20TO+80%	NSP
		C631	0CC106EH98A	Capacitor,Ceramic,Chip	C3216Y5V1E106ZT 10uF -20TO+80%	NSP
		C632	0CC106EH98A	Capacitor,Ceramic,Chip	C3216Y5V1E106ZT 10uF -20TO+80%	NSP
		C700	0CK220BK5DA	Capacitor,Ceramic,Chip	0402N220K500LT 22pF 10% 50V C0	NSP
		C701	0CK220BK5DA	Capacitor,Ceramic,Chip	0402N220K500LT 22pF 10% 50V C0	NSP
		C702	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C703	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C704	0CK472BHG6A	Capacitor,Ceramic,Chip	0402B472K250CT 4.7nF 10% 25V X	NSP

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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		C705	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C706	0CK472BHG6A	Capacitor,Ceramic,Chip	0402B472K250CT 4.7nF 10% 25V X	NSP
		C707	0CK472BHG6A	Capacitor,Ceramic,Chip	0402B472K250CT 4.7nF 10% 25V X	NSP
		C708	0CK472BHG6A	Capacitor,Ceramic,Chip	0402B472K250CT 4.7nF 10% 25V X	NSP
		C709	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C710	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C712	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C713	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C714	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C715	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C716	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C717	0CK105CK56A	Capacitor,Ceramic,Chip	C1608X7R1H105KT 1uF 10% 25V X7	NSP
		C718	0CK107KC66A	Capacitor,Ceramic,Chip	C4532X7R0J107MT 100uF 20% 6.3V	NSP
		C719	0CK476FF46A	Capacitor,Ceramic,Chip	C3225X7R1C476JT 47uF 5% 16V X7	NSP
		C720	0CK105CK56A	Capacitor,Ceramic,Chip	C1608X7R1H105KT 1uF 10% 25V X7	NSP
		C721	EAE30173601	Capacitor,AL,Chip	CK1C157M0806BVR 150uF 20% 16V	NSP
		C722	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C723	0CK224CH94A	Capacitor,Ceramic,Chip	0603F224Z250CT 220nF -20TO+80%	NSP
		C724	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C726	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C727	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C728	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C729	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C730	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C731	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C732	0CK106EDD7A	Capacitor,Ceramic,Chip	LMK316JB106ML-T 10uF 20% 10V X	NSP
		C800	0CK475EF56A	Capacitor,Ceramic,Chip	C3216X7R1C475KT 4.7uF 10% 16V	NSP
		C801	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C900	0CK107KC66A	Capacitor,Ceramic,Chip	C4532X7R0J107MT 100uF 20% 6.3V	NSP
		C901	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
		C902	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
		C903	0CK150BK0DA	Chip Ceramic Capacitor(MLCC)	15PF 1005 50V +-0.25 PF COG R/	NSP
		C905	0CK107KC66A	Capacitor,Ceramic,Chip	C4532X7R0J107MT 100uF 20% 6.3V	NSP
		C906	0CK150BK0DA	Chip Ceramic Capacitor(MLCC)	15PF 1005 50V +-0.25 PF COG R/	NSP
		C907	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C908	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C909	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C910	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C911	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C912	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C914	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C915	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C916	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C917	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C918	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C919	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C920	EAE30282001	Capacitor,Ceramic,Chip	CS3216X5R226K6R3NRI 22uF 10% 6	NSP
		C921	EAE30281901	Capacitor,Ceramic,Chip	CS1005X7R474K6R3NR 0.47uF 10%	NSP
		C922	0CK105BF94A	Capacitor,Ceramic,Chip	C1005Y5V1C105ZT 1uF -20TO+80%	NSP
		C923	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C924	0CK150BK0DA	Chip Ceramic Capacitor(MLCC)	15PF 1005 50V +-0.25 PF COG R/	NSP
		C925	0CK150BK0DA	Chip Ceramic Capacitor(MLCC)	15PF 1005 50V +-0.25 PF COG R/	NSP
		C927	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C928	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C929	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
		C930	0CK104BH56A	Capacitor,Ceramic,Chip	C1005X7R1E104KT 100nF 10% 25V	NSP
		C931	0CK106EF66A	Capacitor,Ceramic,Chip	EMK316JB106ML-T 10uF 20% 16V X	NSP
<b>COIL</b>						
		L1000	EAP30255901	Inductor,Wire Wound,Chip	A915AY-150M=P3 15UH 20% 0V 0A	NSP
		L1001	EAP30247501	Inductor,Wire Wound,Chip	919AS-220M=P3 22UH 20% 0V 3A 7	NSP
		L1002	EAP30255201	Inductor,Wire Wound,Chip	A915AY-4R7M=P3 4.7UH 20% 0V 1.	NSP
		L200	EAP30279201	Inductor,Multilayer,Chip	LL1005-FHL33NJ 33NH 10% 0V 0A	NSP



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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L201	EAP30396101	Inductor,Multilayer,Chip	LL1005-FHL6N8J 6.8NH 5% 0V 0A	NSP
		L202	EAP30279301	Inductor,Multilayer,Chip	LL1005-FHL10NJ 10NH 10% 0V 0A	NSP
		L203	EAP30395901	Inductor,Multilayer,Chip	LL1005-FHL2N7S 2.7NH 0.3NH 0V	NSP
		L204	EAP30279301	Inductor,Multilayer,Chip	LL1005-FHL10NJ 10NH 10% 0V 0A	NSP
		L600	EAP30255701	Inductor,Wire Wound,Chip	A915AY-100M=P3 10UH 20% 0V 1.3	NSP
		L900	EAP30255901	Inductor,Wire Wound,Chip	A915AY-150M=P3 15UH 20% 0V 0A	NSP
		L902	EAP30255901	Inductor,Wire Wound,Chip	A915AY-150M=P3 15UH 20% 0V 0A	NSP
<b>DIODE</b>						
		D1	0DTSE00018A	Diode,TVS	SRV05-4TC 1.2V 6V 17.5V 12A 30	NSP
		D1000	EAH30471101	Diode,Schottky	SS24 500MV 40V 2A 1NSEC 10pF 5	NSP
		D1001	EAH30471301	Diode,Switching	1N4148W-V 1V 75V 150MA 500MA 4	NSP
		D1002	EAH30471201	Diode,Schottky	SS36 750MV 60V 3A 1NSEC 10pF 7	NSP
		D1003	EAH30471001	Diode,Schottky	SS2P4 500MV 40V 2A 1NSEC 110pF	NSP
		D1004	EAH30471001	Diode,Schottky	SS2P4 500MV 40V 2A 1NSEC 110pF	NSP
		D1005	0DRON00238A	Diode,Rectifier	MBRM120L ON SEMI R/TP DO-216AA	NSP
		D2	0DTSE00018A	Diode,TVS	SRV05-4TC 1.2V 6V 17.5V 12A 30	NSP
		D200	0DSRM00238A	Diode,Schottky	RB521G-30 350MV 30V 100MA - -	NSP
		D201	0DSRM00238A	Diode,Schottky	RB521G-30 350MV 30V 100MA - -	NSP
		D400	0DTSE00018A	Diode,TVS	SRV05-4TC 1.2V 6V 17.5V 12A 30	NSP
		D401	0DTSE00018A	Diode,TVS	SRV05-4TC 1.2V 6V 17.5V 12A 30	NSP
		D600	0DZRM00418A	Diode,Zener	UDZ55.1B 5.1V 4.98TO5.2V 80OHM	NSP
		D601	0DZKE00158A	Diode,Zener	KDZ5.1 5.1V 4.8TO5.4V 70OHM 20	NSP
		D602	0DRVH00118A	Diode,Rectifier	BAV99(JE) VISHAY R/TP SOT23 70	NSP
		D603	0DSKE00088A	Diode,Schottky	KDR400S 550MV 40V 500MA 10USEC	NSP
		D604	0DRVH00118A	Diode,Rectifier	BAV99(JE) VISHAY R/TP SOT23 70	NSP
		D605	0DRVH00118A	Diode,Rectifier	BAV99(JE) VISHAY R/TP SOT23 70	NSP
		D606	0DRVH00118A	Diode,Rectifier	BAV99(JE) VISHAY R/TP SOT23 70	NSP
		D900	0DRON00238A	Diode,Rectifier	MBRM120L ON SEMI R/TP DO-216AA	NSP
		D902	0DRON00238A	Diode,Rectifier	MBRM120L ON SEMI R/TP DO-216AA	NSP
<b>FET</b>						
		Q1	0TFVI80055A	FET	2N7002K-T1-E3 N-CHANNEL MOSFET	NSP
		Q1000	0TFRH80002A	FET	2SK3019 N-CHANNEL MOSFET 30V +	NSP
		Q1001	0TFRH80002A	FET	2SK3019 N-CHANNEL MOSFET 30V +	NSP
		Q1002	0TFRH80002A	FET	2SK3019 N-CHANNEL MOSFET 30V +	NSP
		Q1003	0TFRH80002A	FET	2SK3019 N-CHANNEL MOSFET 30V +	NSP
		Q1004	0TFVI80042A	FET	SI3493DV P-CHANNEL MOSFET -20V	NSP
		Q1005	EBK30372001	FET	SI3424DV N-CHANNEL MOSFET 30V	NSP
		Q2	0TFVI80055A	FET	2N7002K-T1-E3 N-CHANNEL MOSFET	NSP
		Q3	0TFVI80055A	FET	2N7002K-T1-E3 N-CHANNEL MOSFET	NSP
		Q4	0TFVI80055A	FET	2N7002K-T1-E3 N-CHANNEL MOSFET	NSP
		Q700	0TFRH80002A	FET	2SK3019 N-CHANNEL MOSFET 30V +	NSP
		Q701	0TFVI90001B	FET	SI2308DS-T1-E3 N-CHANNEL MOSFE	NSP
		Q900	0TFVI80061A	FET	SI2301BDS-T1-E3 P-CHANNEL MOSF	NSP
		Q901	0TFVI80065A	FET	SI2302ADS-T1-E3 N-CHANNEL MOSF	NSP
<b>FILTER</b>						
		FL201	6200QL3003R	Filter,Saw	856561 1575.42MHZ 1.4X1.2X0.5m	NSP
		FL800	6200JB8014A	Filter,Line Noise	CL-2Y2012-900JT 90H 2X1.25X1MM	NSP
		L1100	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L1101	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L1102	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L1104	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L1110	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L1111	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L1112	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L1131	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L200	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L201	0LCCE00003C	Filter,Bead	HB-1M1608-221JT 220OHM 1.6X0.8	NSP
		L202	0LCCE00003C	Filter,Bead	HB-1M1608-221JT 220OHM 1.6X0.8	NSP
		L203	0LCCE00003C	Filter,Bead	HB-1M1608-221JT 220OHM 1.6X0.8	NSP
		L204	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L205	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP

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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		L206	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L207	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L208	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L209	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L210	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L211	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L212	EAM30232801	Filter,Bead	HH-1M-1608-600JT 60 1.6X0.8X0.	NSP
		L903	OLC02491A2A	Filter,Bead	HH-1M1608-121 120OHM 1.6X0.8X0	NSP
<b>IC</b>						
		IC100	0ILNR00274A	IC,Digital Signal Processors	AT460D- BC 1.2 3.3 300MHZ 128B	NSP
		IC1000	0IPMG78479A	IC,DC,DC Converter	MAX1790EUA 2.6TO5.5V - 330MW U	NSP
		IC1001	0IPMG78475A	IC,DC,DC Converter	LT3430EFE 4.5TO5.5V 1.2V - TSS	NSP
		IC1002	0IPMG78474A	IC,LDO Voltage Regulator	MAX603ESA 2.9TO11.5V 5V 1.8W S	NSP
		IC1003	0IPMG78478A	IC,DC,DC Converter	LTC1872ES6 0.3TO10V 5V - SOT-2	NSP
		IC1101	0IPMG78492A	IC,Charge Pump	ISL6293-2CRZ 4.3TO5.5V 4.2V -	NSP
		IC1103	EAN30372301	IC,LDO Voltage Regulator	AME8890 7V 1.2V 500MW SOT23-5	NSP
		IC1104	EAN30982301	IC,LDO Voltage Regulator	AME8800AEETZ 7V 3.3V 500MW SOT	NSP
		IC1105	0IPMG78480A	IC,Power Generator	NTGD1100LT1G 8V - 430MW TSOP R	NSP
		IC1106	0IPMG78480A	IC,Power Generator	NTGD1100LT1G 8V - 430MW TSOP R	NSP
		IC1107	0IPMG78480A	IC,Power Generator	NTGD1100LT1G 8V - 430MW TSOP R	NSP
		IC200	0IPMG78495A	IC,LDO Voltage Regulator	NCP511SN28T1G 0TO6V 2.8V - TSO	NSP
		IC201	0IPMG78495A	IC,LDO Voltage Regulator	NCP511SN28T1G 0TO6V 2.8V - TSO	NSP
		IC202	0IPMG78495A	IC,LDO Voltage Regulator	NCP511SN28T1G 0TO6V 2.8V - TSO	NSP
		IC203	0IPMG78481B	IC,Reset	TCM809RVLB713 1.0TO5.5V 0.3 32	NSP
		IC204	0IPMG78496A	IC,LDO Voltage Regulator	NCP511SN15T1G 0TO6V 1.5V - TSO	NSP
		IC205	0ILNR00280A	IC,RF Amplifier	BGA428 2.4VTO4.0V 3.5V 1.4 50M	NSP
		IC206	0IPRP00786A	IC,Protocol Controller	GSC3f-7879-T 2.7VTO3.0V 80mA 1	NSP
		IC300	0IMMR00169B	IC,Mobile SDRAM	K4S561633F-ZL75 256MBIT 4MX16B	NSP
		IC301	0IMMR00169B	IC,Mobile SDRAM	K4S561633F-ZL75 256MBIT 4MX16B	NSP
		IC400	0ISTL00086A	IC,CMOS	SN74LVC1G08DCKR. 1.65TO5.5V 0.	NSP
		IC401	0IMMRS043B	IC,NAND Flash Memory	K9F5608U0D-PCB0 256MBIT 32MX8B	NSP
		IC500	0IPRP00778A	IC,Data Controller	HS353163 3TO3.6V 5mA 102kHz TQ	NSP
		IC501	0IPRP00781A	IC,Data Controller	AD8511ARUZ 3.3TO6.5V 60mA - TS	NSP
		IC600	0IPRP00782A	IC,Bus Controller	KIA3820FK 15TO29V 5mA - US8 R/	NSP
		IC601	0IPRPNS015A	IC,DC,DC Converter	LM2622MMX-ADJ 2TO12V 0 0W MSOP	NSP
		IC602	0IPRP00797A	IC,Power Amplifier	LMH6642MF 2.7TO12.8V - - - 9	NSP
		IC700	0IPRP00607C	IC,Audio Codec	WM9712LEFL 1.8TO3.6V 400MW QFN	NSP
		IC701	0IPMG78487A	IC,Power Amplifier	NJM2070M 1.8TO15V - 0.25 - 700	NSP
		IC900	0IPMG78371A	Power Supply Circuit IC	PCF50606HN/2B/N1 PHILIPS 56P H	NSP
		IC901	0IPMG78481B	IC,Reset	TCM809RVLB713 1.0TO5.5V 0.3 32	NSP
		IC902	0IMCR02317A	IC,Microcontrollers	PIC16LF72-044I/SS 2.0to5.5v 25	NSP
<b>JACK</b>						
		JK1000	EAG31020201	Jack,DC Power	04-847C0-02BKA ANGLE SMD R/TP	
<b>LED</b>						
		LD1	0DLRH0288AA	LED,Chip	SML-512UW RED 2V 30mA 63mCD 63	NSP
		LD2	0DLRH0288AA	LED,Chip	SML-512UW RED 2V 30mA 63mCD 63	NSP
		LD3	0DLRH0288AA	LED,Chip	SML-512UW RED 2V 30mA 63mCD 63	NSP
		LD4	0DLRH0288AA	LED,Chip	SML-512UW RED 2V 30mA 63mCD 63	NSP
<b>RESISTOR</b>						
		R1	0RH1001C422	Resistor,Chip	MCR03EZPF102 1KOHM 1% 1/10W 16	NSP
		R100	0RJ1502C678	Resistor,Chip	MCR01MZPJ153 15KOHM 5% 1/16W 1	NSP
		R1000	0RJ5603C478	Resistor,Chip	MCR01MZPF564 560KOHM 1% 1/16W	NSP
		R1001	0RJ9102C678	Resistor,Chip	MCR01MZPJ913 91KOHM 5% 1/16W 1	NSP
		R1002	0RJ1803C678	Resistor,Chip	MCR01MZPJ184 180KOHM 5% 1/16W	NSP
		R1003	0RJ3301C678	Resistor,Chip	MCR01MZPJ332 3.3KOHM 5% 1/16W	NSP
		R1004	0RJ5603C478	Resistor,Chip	MCR01MZPF564 560KOHM 1% 1/16W	NSP
		R1005	0RJ9102C678	Resistor,Chip	MCR01MZPJ913 91KOHM 5% 1/16W 1	NSP
		R1006	0RJ1402C478	Resistor,Chip	MCR01MZPF1402 14KOHM 1% 1/16W	NSP
		R1007	0RJ4991C478	Resistor,Chip	MCR01MZPF4991 4.99KOHM 1% 1/16	NSP
		R1008	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1009	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP

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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R101	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R1010	0RJ2002C678	Resistor,Chip	MCR01MZPJ203 20KOHM 5% 1/16W 1	NSP
		R1011	0RJ3602C678	Resistor,Chip	MCR01MZPJ363 36KOHM 5% 1/16W 1	NSP
		R1012	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1013	0RJ2702C678	Resistor,Chip	MCR01MZPJ273 27KOHM 5% 1/16W 1	NSP
		R1014	0RJ4223C478	Resistor,Chip	MCR01MZPF4223 422KOHM 1% 1/16W	NSP
		R1015	0RJ7502C478	Resistor,Chip	MCR01MZPF753 75KOHM 1% 1/16W 1	NSP
		R1016	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1017	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R1018	0RZZ000002A	Resistor,Chip	MPS1W0R030OHMF 30MOHM 1% 1W 64	NSP
		R1019	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R102	0RJ1501C678	Resistor,Chip	MCR01MZPJ152 1.5KOHM 5% 1/16W	NSP
		R103	0RJ0332C678	Resistor,Chip	MCR01MZPJ330 33OHM 5% 1/16W 10	NSP
		R106	0RJ1502C678	Resistor,Chip	MCR01MZPJ153 15KOHM 5% 1/16W 1	NSP
		R107	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R1105	0RJ0101C678	Resistor,Chip	MCR01MZPJ1R0 1OHM 5% 1/16W 100	NSP
		R1108	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1109	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1113	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R1116	0RJ3901C478	Resistor,Chip	MCR01MZPF392 3.9KOHM 1% 1/16W	NSP
		R1119	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1120	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1121	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1123	0RH1203C422	Resistor,Chip	MCR03EZPF124 120KOHM 1% 1/10W	NSP
		R1124	0RJ4303C477	Resistor,Chip	MCR03EZPF4303 430KOHM 1% 1/10W	NSP
		R1127	0RJ0000C477	Resistor,Chip	MCR03EZPF000 0OHM 1% 1/10W 160	NSP
		R1129	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R1130	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R1131	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R2	0RH1002C622	Resistor,Chip	MCR03EZPJ103 10KOHM 5% 1/10W 1	NSP
		R200	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R201	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R202	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R202	0RJ1004C477	Resistor,Chip	MCR03EZPF105 1MOHM 1% 1/10W 16	NSP
		R203	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R203	0RJ5100C678	Resistor,Chip	510 OHM 1/16 W 5% 1005 R/TP	NSP
		R204	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R204	0RJ2004C678	Resistor,Chip	MCR01MZPJ205 2MOHM 5% 1/16W 10	NSP
		R205	0RJ1803C678	Resistor,Chip	MCR01MZPJ184 180KOHM 5% 1/16W	NSP
		R205	0RJ2003C678	Resistor,Chip	MCR01MZPJ204 200KOHM 5% 1/16W	NSP
		R206	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R207	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R208	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R208	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R209	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R209	0RJ1501C678	Resistor,Chip	MCR01MZPJ152 1.5KOHM 5% 1/16W	NSP
		R210	0RJ1001C678	Resistor,Chip	MCR01MZPJ102 1KOHM 5% 1/16W 10	NSP
		R210	0RJ1501C678	Resistor,Chip	MCR01MZPJ152 1.5KOHM 5% 1/16W	NSP
		R211	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R211	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R212	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R212	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R213	0RJ3002C478	Resistor,Chip	MCR01MZPF303 30KOHM 1% 1/16W 1	NSP
		R214	0RJ3002C478	Resistor,Chip	MCR01MZPF303 30KOHM 1% 1/16W 1	NSP
		R216	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R217	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R218	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R219	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R220	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R221	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R222	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R223	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP

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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R225	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R226	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R227	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R228	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R229	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R230	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R231	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R232	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R233	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R234	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R235	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R236	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R237	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R238	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R3	0RH1002C622	Resistor,Chip	MCR03EZPJ103 10KOHM 5% 1/10W 1	NSP
		R300	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R301	0RR0222T621	Resistor,Array	MNR04M0APJ022 22OHM 5% 1/16W 4	NSP
		R302	0RR0222T621	Resistor,Array	MNR04M0APJ022 22OHM 5% 1/16W 4	NSP
		R303	0RR0222T621	Resistor,Array	MNR04M0APJ022 22OHM 5% 1/16W 4	NSP
		R304	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R305	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R306	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R307	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R308	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R309	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R310	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R311	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R312	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R313	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R314	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R315	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R4	0RH1002C622	Resistor,Chip	MCR03EZPJ103 10KOHM 5% 1/10W 1	NSP
		R401	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R402	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R403	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R404	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R405	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R406	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R407	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R408	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R409	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R410	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R411	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R412	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R413	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R5	0RH1002C622	Resistor,Chip	MCR03EZPJ103 10KOHM 5% 1/10W 1	NSP
		R500	0RJ3300C678	Resistor,Chip	MCR01MZPJ331 330OHM 5% 1/16W 1	NSP
		R501	0RR0472T621	Resistor,Array	MNR04M0ABJ470 47OHM 5% 1/16W 4	NSP
		R502	0RJ3900C678	Resistor,Chip	MCR01MZPJ391 390OHM 5% 1/16W	NSP
		R503	0RJ0472C678	Resistor,Chip	MCR01MZPJ470 47OHM 5% 1/16W 10	NSP
		R505	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R507	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R508	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R509	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R510	0RJ0472C678	Resistor,Chip	MCR01MZPJ470 47OHM 5% 1/16W 10	NSP
		R511	0RR0472T621	Resistor,Array	MNR04M0ABJ470 47OHM 5% 1/16W 4	NSP
		R512	0RR0472T621	Resistor,Array	MNR04M0ABJ470 47OHM 5% 1/16W 4	NSP
		R513	0RR0472T621	Resistor,Array	MNR04M0ABJ470 47OHM 5% 1/16W 4	NSP
		R514	0RR0472T621	Resistor,Array	MNR04M0ABJ470 47OHM 5% 1/16W 4	NSP
		R515	0RR0472T621	Resistor,Array	MNR04M0ABJ470 47OHM 5% 1/16W 4	NSP
		R516	0RR0472T621	Resistor,Array	MNR04M0ABJ470 47OHM 5% 1/16W 4	NSP
		R517	0RR0472T621	Resistor,Array	MNR04M0ABJ470 47OHM 5% 1/16W 4	NSP



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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R518	0RJ0472C678	Resistor,Chip	MCR01MZPJ470 47OHM 5% 1/16W 10	NSP
		R519	0RJ0562C678	Resistor,Chip	MCR01MZPJ560 56OHM 5% 1/16W 10	NSP
		R520	0RJ0302C678	Resistor,Chip	30OHM 5% 1/16W 1005 R/TP	NSP
		R521	0RJ4700C678	Resistor,Chip	MCR01MZPJ471 470OHM 5% 1/16W 1	NSP
		R522	0RJ2000C678	Resistor,Chip	MCR01MZPJ201 200OHM 5% 1/16W 1	NSP
		R523	0RJ1000C678	Resistor,Chip	MCR01MZPJ101 100OHM 5% 1/16W 1	NSP
		R524	0RJ0822C678	Resistor,Chip	MCR01MZPJ820 82OHM 5% 1/16W 10	NSP
		R525	0RJ0472C678	Resistor,Chip	MCR01MZPJ470 47OHM 5% 1/16W 10	NSP
		R526	0RJ1000C678	Resistor,Chip	MCR01MZPJ101 100OHM 5% 1/16W 1	NSP
		R527	0RJ1600C678	Resistor,Chip	MCR01MZPJ161 160OHM 5% 1/16W 1	NSP
		R528	0RJ2000C678	Resistor,Chip	MCR01MZPJ201 200OHM 5% 1/16W 1	NSP
		R529	0RJ5100C678	Resistor,Chip	510 OHM 1/16 W 5% 1005 R/TP	NSP
		R530	0RJ3300C678	Resistor,Chip	MCR01MZPJ331 330OHM 5% 1/16W 1	NSP
		R531	0RJ1500C678	Resistor,Chip	MCR01MZPJ151 150OHM 5% 1/16W 1	NSP
		R532	0RJ1300C678	Resistor,Chip	130OHM 5% 1/16W 1005 R/TP	NSP
		R533	0RJ4700C678	Resistor,Chip	MCR01MZPJ471 470OHM 5% 1/16W 1	NSP
		R534	0RJ2400C678	Resistor,Chip	RC0402 240OHM 240OHM 5% 1/16W	NSP
		R535	0RJ1600C678	Resistor,Chip	MCR01MZPJ161 160OHM 5% 1/16W 1	NSP
		R536	0RJ1600C678	Resistor,Chip	MCR01MZPJ161 160OHM 5% 1/16W 1	NSP
		R537	0RJ1000C678	Resistor,Chip	MCR01MZPJ101 100OHM 5% 1/16W 1	NSP
		R538	0RJ0562C678	Resistor,Chip	MCR01MZPJ560 56OHM 5% 1/16W 10	NSP
		R539	0RJ1000C678	Resistor,Chip	MCR01MZPJ101 100OHM 5% 1/16W 1	NSP
		R540	0RJ0472C678	Resistor,Chip	MCR01MZPJ470 47OHM 5% 1/16W 10	NSP
		R541	0RJ1300C678	Resistor,Chip	130OHM 5% 1/16W 1005 R/TP	NSP
		R542	0RJ3900C678	Resistor,Chip	MCR01MZPJ391 390OHM 5% 1/16W	NSP
		R6	0RH1002C622	Resistor,Chip	MCR03EZPJ103 10KOHM 5% 1/10W 1	NSP
		R600	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R601	0RJ4702C678	Resistor,Chip	MCR01MZPJ473 47KOHM 5% 1/16W 1	NSP
		R602	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R603	0RH1802C422	Resistor,Chip	MCR03EZPF183 18KOHM 1% 1/10W 1	NSP
		R604	0RJ0000C477	Resistor,Chip	MCR03EZPF000 0OHM 1% 1/10W 160	NSP
		R606	0RJ3302C678	Resistor,Chip	MCR01MZPJ333 33KOHM 5% 1/16W 1	NSP
		R607	0RJ1503C678	Resistor,Chip	MCR01MZPJ154 150KOHM 5% 1/16W	NSP
		R608	0RJ3001C678	Resistor,Chip	MCR01MZPJ302 3KOHM 5% 1/16W 10	NSP
		R610	0RJ8200C678	Resistor,Chip	MCR01MZPJ821 820OHM 5% 1/16W 1	NSP
		R611	0RJ1502C678	Resistor,Chip	MCR01MZPJ153 15KOHM 5% 1/16W 1	NSP
		R612	0RJ1001C678	Resistor,Chip	MCR01MZPJ102 1KOHM 5% 1/16W 10	NSP
		R613	0RJ3302C678	Resistor,Chip	MCR01MZPJ333 33KOHM 5% 1/16W 1	NSP
		R614	0RJ1102C478	Resistor,Chip	MCR01MZPF113 11KOHM 1% 1/16W 1	NSP
		R615	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R616	0RJ1502C678	Resistor,Chip	MCR01MZPJ153 15KOHM 5% 1/16W 1	NSP
		R617	0RJ0472C678	Resistor,Chip	MCR01MZPJ470 47OHM 5% 1/16W 10	NSP
		R618	0RJ0472C678	Resistor,Chip	MCR01MZPJ470 47OHM 5% 1/16W 10	NSP
		R7	0RH1001C422	Resistor,Chip	MCR03EZPF102 1KOHM 1% 1/10W 16	NSP
		R700	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R701	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R702	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R703	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R706	0RJ2002C678	Resistor,Chip	MCR01MZPJ203 20KOHM 5% 1/16W 1	NSP
		R707	0RJ1001C678	Resistor,Chip	MCR01MZPJ102 1KOHM 5% 1/16W 10	NSP
		R708	0RJ0101C678	Resistor,Chip	MCR01MZPJ1R0 1OHM 5% 1/16W 100	NSP
		R711	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R712	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R713	0RJ1001C678	Resistor,Chip	MCR01MZPJ102 1KOHM 5% 1/16W 10	NSP
		R714	0RJ5102C678	Resistor,Chip	MCR01MZPJ513 51KOHM 5% 1/16W 1	NSP
		R717	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R718	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R8	0RH1001C422	Resistor,Chip	MCR03EZPF102 1KOHM 1% 1/10W 16	NSP
		R800	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R804	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
		R805	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R806	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP

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S	AL	LOCA. NO.	PART NO.	DESCRIPTION	SPECIFICATION	REMARKS
		R807	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R809	0RJ0000C477	Resistor,Chip	MCR03EZPF000 0OHM 1% 1/10W 160	NSP
		R810	0RJ0222C678	Resistor,Chip	MCR01MZPJ220 22OHM 5% 1/16W 10	NSP
		R9	0RH1001C422	Resistor,Chip	MCR03EZPF102 1KOHM 1% 1/10W 16	NSP
		R900	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R901	0RJ2004C678	Resistor,Chip	MCR01MZPJ205 2MOHM 5% 1/16W 10	NSP
		R902	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R904	0RJ4702C678	Resistor,Chip	MCR01MZPJ473 47KOHM 5% 1/16W 1	NSP
		R905	0RJ2203C678	Resistor,Chip	MCR01MZPJ224 220KOHM 5% 1/16W	NSP
		R906	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R907	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R910	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R911	0RJ1002C678	Resistor,Chip	MCR01MZPJ103 10KOHM 5% 1/16W 1	NSP
		R912	0RJ1003C678	Resistor,Chip	MCR01MZPJ104 100KOHM 5% 1/16W	NSP
		R913	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R914	0RJ4701C678	Resistor,Chip	MCR01MZPJ472 4.7KOHM 5% 1/16W	NSP
		R915	0RJ0000C678	Resistor,Chip	MCR01MZPJ000 0OHM 5% 1/16W 100	NSP
<b>SYSTEM SOFTWARE</b>						
		CPU SW	SAA30034701	System S/W	0.1 0x WORLD WIDE AT460 LAN-S4	
		IC902	SAA30111601	System S/W	0x09 0xfb254 WORLD WIDE PIC16F	
<b>SWITCH</b>						
		SW1	EBF30329201	Switch,Tact	JTP-1127WEM 1C1P 12VDC 0.5A VE	NSP
		SW2	EBF30329201	Switch,Tact	JTP-1127WEM 1C1P 12VDC 0.5A VE	NSP
		SW3	EBF30329201	Switch,Tact	JTP-1127WEM 1C1P 12VDC 0.5A VE	NSP
		SW4	EBF30329201	Switch,Tact	JTP-1127WEM 1C1P 12VDC 0.5A VE	NSP
		SW900	EBF30207101	Switch,Tact	STH031JS-W 1C4P 12VDC 0.5A HOR	NSP
<b>TRANSISTOR</b>						
		Q600	0TRKE80057A	TR,Bipolar	KTC3876S-Y NPN 5V 35V 30V 500M	NSP
		Q601	0TR150509AD	TR,Bipolar	KTA1505S-Y PNP -5V -35V -30V -	NSP
		Q902	0TRKE80042A	TR,Bipolar	KTC3544T NPN 6V 30V 30V 2A 100	NSP
<b>VARIABLE RESISTOR</b>						
		R609	EBC30191801	Variable Resistor,Rotary	EVM3YSX50B13 1KOHM 25% 1/10W 2	
<b>VARISTOR</b>						
		C1002	6102R8D001A	Varistor	V18AUMLA2220 18V - 16nF 5.58X5	
<b>X-TAL</b>						
		X200	EAW30067101	Crystal	FC-135 32.768KHZ 20PPM 9pF,12.	NSP
		X200	EAW30179101	Oscillator,Crystal	IT3205BE 24.5535MHZ 2PPM 2.7V	NSP
		X201	6212AB4120C	Crystal	S-0410S8002 12MHZ 20PPM 12pF S	NSP
		X201	EAW30067101	Crystal	FC-135 32.768KHZ 20PPM 9pF,12.	NSP
		X700	EAW30176101	Crystal	BMC-50 24.576M 24.576MHZ 30PPM	NSP
		X900	EAW30067101	Crystal	FC-135 32.768KHZ 20PPM 9pF,12.	NSP
		X901	EAW30178801	Crystal	HC-49SM 4M 4MHZ 30PPM 18pF,7pF	NSP
<b>CONNECTOR</b>						
		ANT200	EAA30180701	Antenna,Chip	B25-4502753-C370 DUAL 2.5DB 1.	NSP
		BATT200	EAC30279001	Battery,Lithium Ion	MS614S FL28E 3V 3.4AH 25MAH CO	NSP
		CN1	EAG30393801	Conector,FFC/FPC/PIC	05002HR-15A02 15P 0.5MM FFC AN	NSP
		CN1100	6630V90135A	Conector,Wafer	12505WR-03A00 3P 1.25MM 1R ANG	NSP
		CN200	6630V90078D	Conector,Wafer	12505WS-04A00. 4P 1.25MM 1R ST	NSP
		CN200	EAG30856901	Conector,RF	6601-83-001 1.40MM STRAIGHT RF	NSP
		CN201	6630V90135B	Conector,Wafer	12505WR-04P 4P 1.25MM 1R ANGLE	NSP
		CN400	EAG30608301	Socket,Card	SD 54-2108-9-R SD 9P ANGLE SMD	NSP
		CN600	6630V90078E	Conector,Wafer	12505WS 5P 1.25MM 1R STRAIGHT	NSP
		CN601	EAG30179801	Conector,FFC/FPC/PIC	05002HR-60J02 60P 0.5MM FFC AN	NSP
		CN700	6630V90161A	Conector,Wafer	12513WR-02A00 2P 1.25MM 1R ANG	NSP
		CN701	EAG30608201	Conector,FFC/FPC/PIC	10027HR-04C 4P 1.0MM FFC ANGLE	NSP
		CN800	EAG31019601	Conector,FFC/FPC/PIC	05002HR-20A02(G) 20P 0.5MM FFC	NSP
		CN801	6630V90135B	Conector,Wafer	12505WR-04P 4P 1.25MM 1R ANGLE	NSP
		CN802	EAG30393801	Conector,FFC/FPC/PIC	05002HR-15A02 15P 0.5MM FFC AN	NSP
		CN803	EAG30179901	Conector,FFC/FPC/PIC	05004HR-10A01S 10P 0.5MM FFC A	NSP

**NSP : Non Service Parts      RUN DATE : 01.NOVEMBER.2006**

<b>S</b>	<b>AL</b>	<b>LOCA. NO.</b>	<b>PART NO.</b>	<b>DESCRIPTION</b>	<b>SPECIFICATION</b>	<b>REMARKS</b>
		CN900	6630V90161D	Conector,Wafer	12513WR-05A00 5P 1.25MM 1R ANG	NSP
		INVERTER	EAD30956801	Harness,Single	5PIN 50MM 12505HS-05P 12505HS-	NSP
		JK800	6630S70012A	Conector,USB	JE705-05-M A 1P 2.00MM ANGLE D	NSP
		KEY CABLE	EAD31442401	Cable,FFC	AT05015040D01 40MM 0.50MM 15P	NSP
		SS GPS	EAD30956201	Harness,Single	4PIN 70MM 12505HS-04P 12505HS-	NSP