



## 8. 블록도 및 회로도

### BOARD INFORMATION

### SCHEMATIC ANNOTATIONS AND BOARD INFORMATION

**SAMSUNG PROPRIETARY**  
 THE INFORMATION CONTAINED  
 HEREIN IS UNCLASSIFIED  
 EXCEPT AS AUTHORIZED BY SAMSUNG.

Devices	IDSEL#	REOIGNT#	Interrupts
Cardbus	AD25	3	A, B, C
USB	AD28(internal)	•	USB2.0 #0 (USB0) : A USB2.0 #1 (USB1) : D USB2.0 #2 (USB2) : C USB2.0 #3 (USB3) : H USB2.0 #4 (EHCI) : H
Hub to PCI	AD30(internal)	•	• B
LPC bridge/IDE/AC97/SMBUS	AD31(internal)	•	E
Internal I/MAC	AD24(internal)	•	E
AC Link	•	•	E
GLAN	•	•	E

Voltage Rails	
VDC	Primary DC system power supply (7 to 21V)
VDD_CORE	Core Voltage for CPU
P1.05V (VCCP)	VTT for CPU, Crestline & ICH6-M
P3.3V_MICOM	3.3V always power rail (for Microm)
P1.8V	1.8V switched power rail (off in S4-S5)
P1.8V_AUX	1.8V switched power rail (off in S4-S5)
P3.3V	3.3V power rail for DDR (off in S4-S5)
P3.3V_AUX	3.3V power rail for DDR (off in S4-S5)
P5.0V	5.0V switched power rail (off in S4-S5)
P5.0V_AUX	5.0V switched power rail (off in S4-S5)
P5.0V_AUV	5.0V always power rail

USB PORT Assign		PCI Express Assign	
PORT #	ASSIGNED TO	PORT #	ASSIGNED TO
0	SYSTEM PORT 0	0	NC
1	SYSTEM PORT 1	1	Mini Card 1 (WLAN)
2	SYSTEM PORT 2	2	Mini Card 2
3	NC	3	LOM
4	NC	4	Mini Card 2 (ROBSON or DVB-T)
5	Mini PCI Express 1	5	NC
6	Mini PCI Express 2		
7	Camera		
8	NC		
9	NC		

Crystal / Oscillator			
TYPE	FREQUENCY	DEVICE	USAGE
Crystal	32.768KHz	ICH6-M	Real Time Clock
Crystal	10MHz	MFCOM	H054F2169/2160
Crystal	14.318MHz	CLOCK-Generator	CK-505
Crystal	25MHz	LAN	Intel LAN

LCD Pannel Detect (TPD)	
Devices	Resolution
	PANNEL_DETECT_0

I <sup>2</sup> C / SMB Address		
Devices	Address	Bus
ICH6-M	Master	SMBUS Master
CPU Thermal Sensor	011 101x	Thermal Sensor
SODIMM0	010 101x	•
SODIMM1	101 010x	•
Thermal Sensor on SODIMM0	001 000x	•
Thermal Sensor on SODIMM1	001 010x	•
OnChip (Clock Generator)	110 100x	•
		Clock, Unused Clock Output Disable

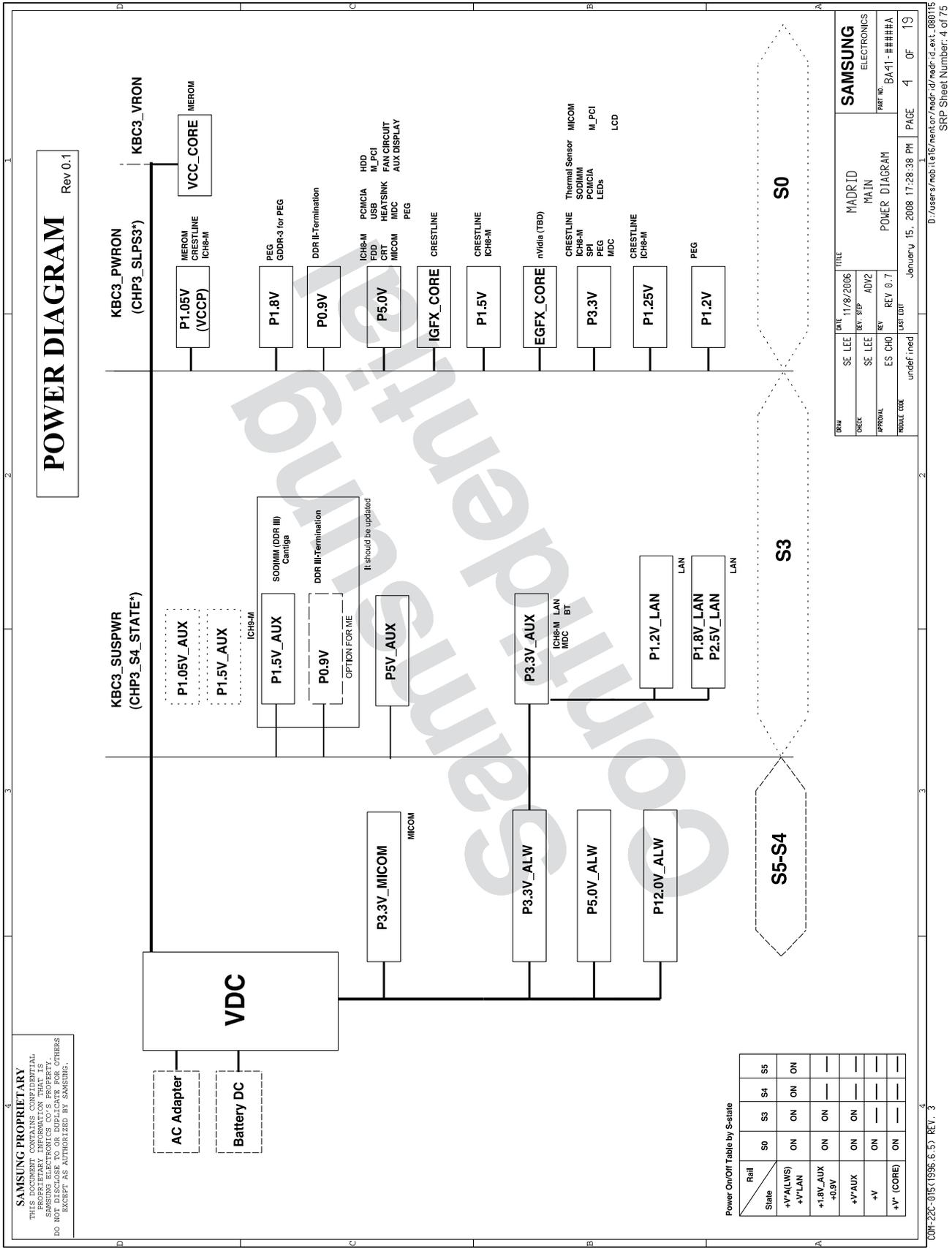
### REVISION HISTORY

See rev notes for more information.

REV	DATE	BY	CHK	APP	REASON
1.0	11/8/2006	SE LEE	SE LEE	ES CHO	MAIN BOARD INFO
1.1	11/8/2006	SE LEE	SE LEE	ES CHO	REV 0.7

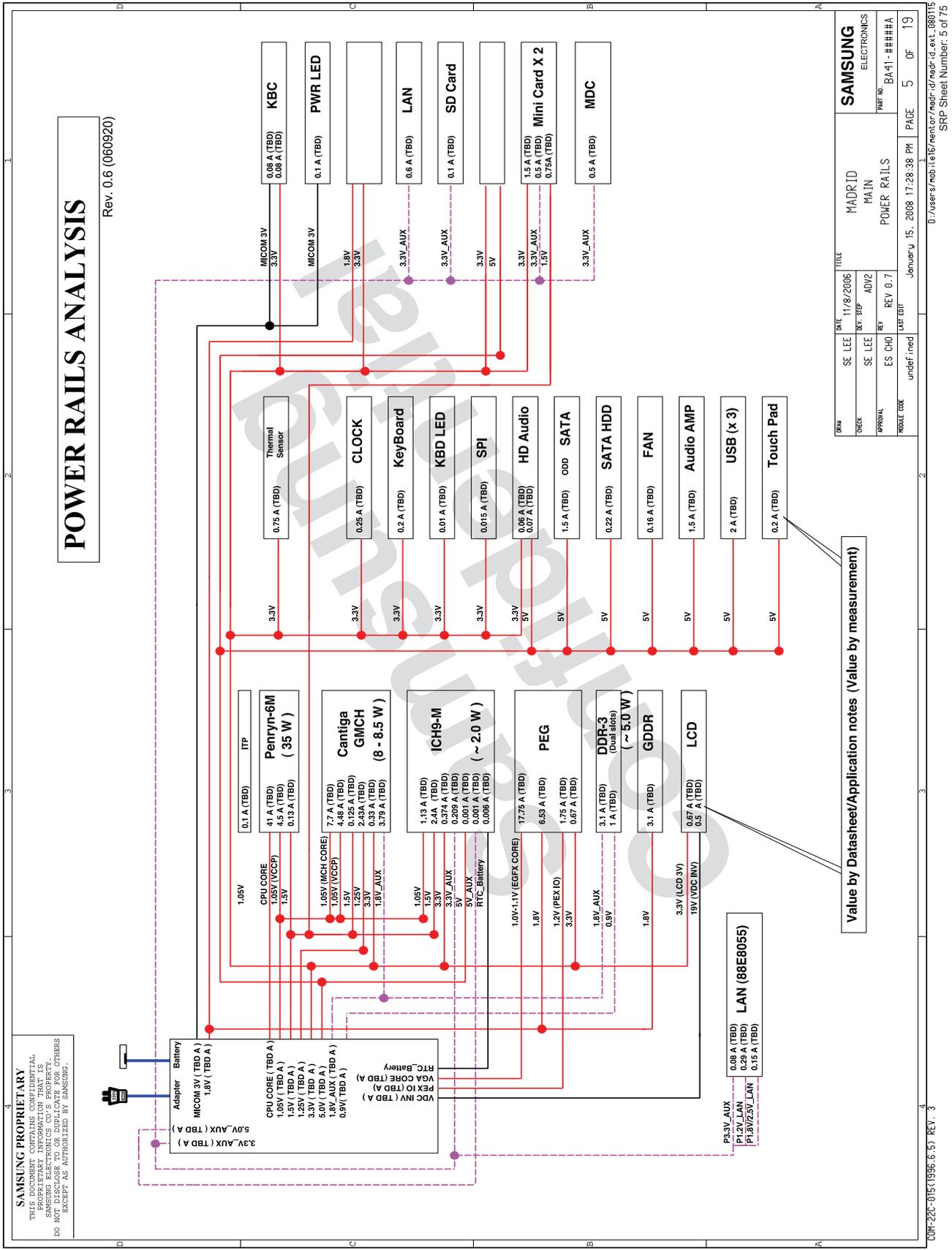
SAMSUNG ELECTRONICS	
PART NO.	BA41-####A

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