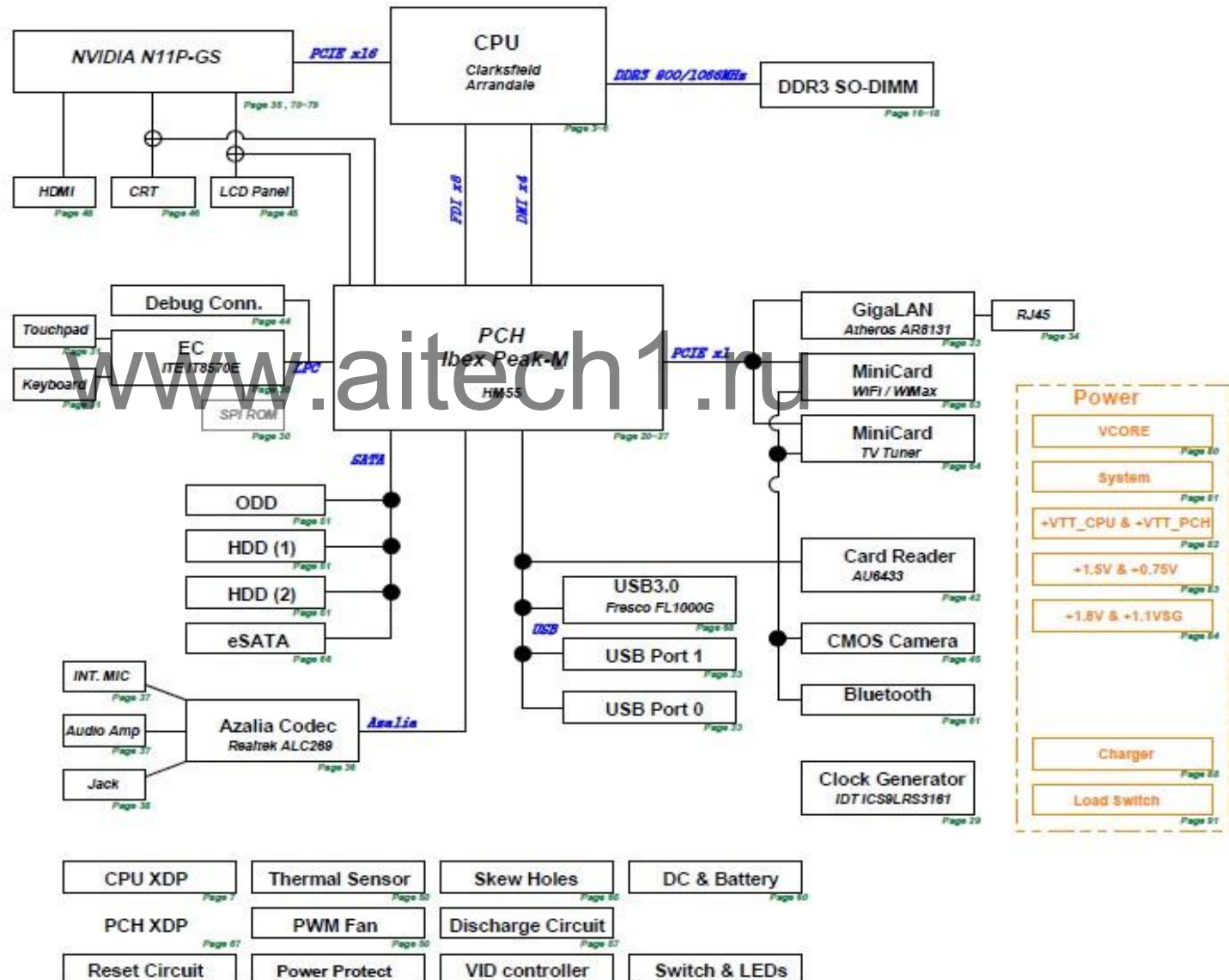


# N73JF Repair Guide

2010/08/25  
Eric\_zhuang  
CSC-GRMA

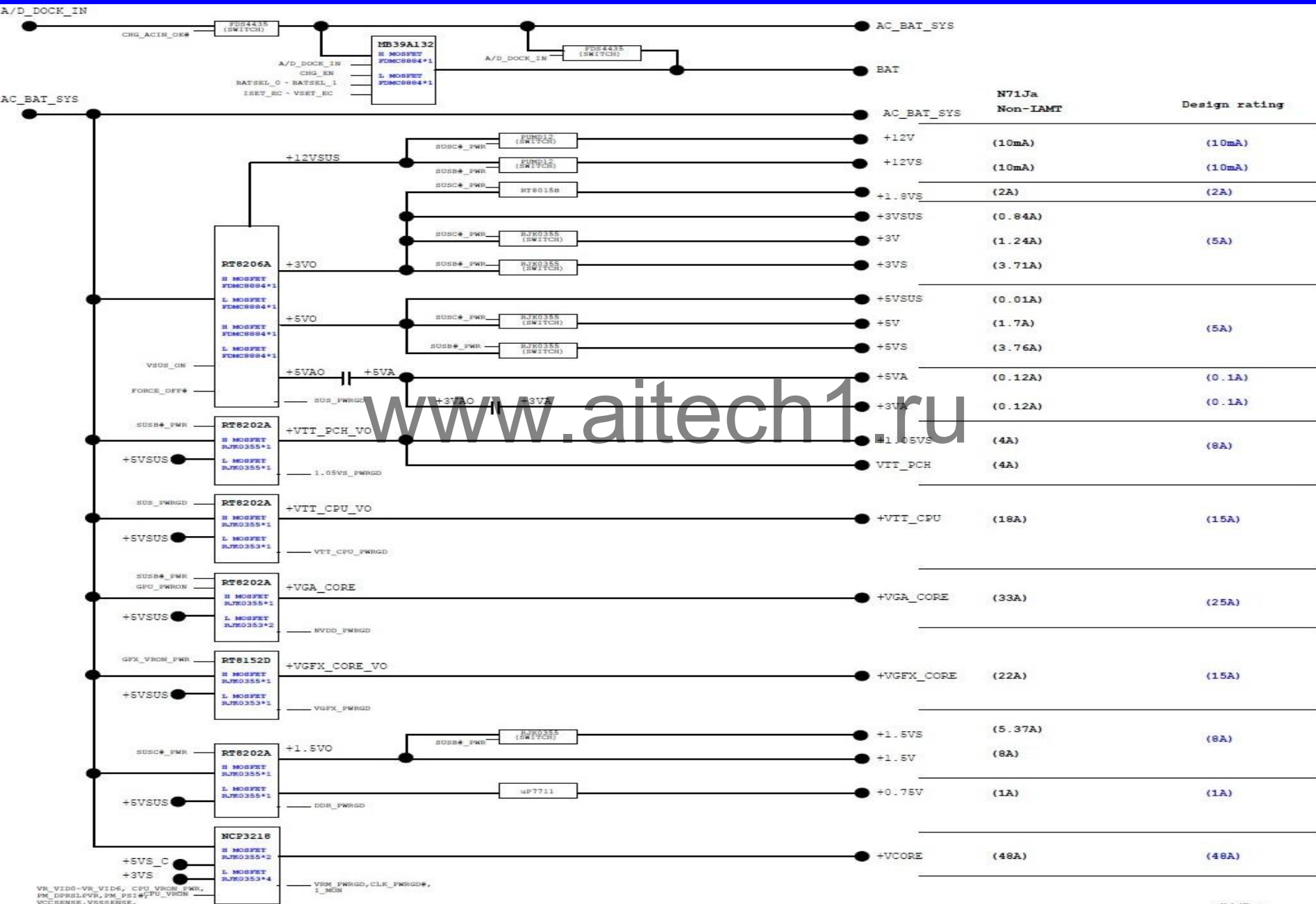
01. Block Diagram
02. System Setting
03. CPU\_DMI,PEG,FDI,CLK,MISC
04. CPU\_DDR3
05. CPU\_CFG,RSVD,GND
06. CPU\_PWR
07. CPU\_XDP
14. DIM\_DDR3 SO-DIMM 0 (for CFD)
16. DIM\_DDR3 SO-DIMM 1
17. DIM\_DDR3 SO-DIMM 3
18. DIM\_CA/DQ Voltage
19. CPU\_VID Controller
20. SB\_IBEX SATA,HDA,RTC,LPC
21. SB\_IBEX PCIE,CLK,SMB,PEG
22. SB\_IBEX FDI,DMI,SYS\_PWR
23. SB\_IBEX DP,LVDS,CRT
24. SB\_IBEX PCI,NVRAM,USB
25. SB\_IBEX CPU,GPIO,MISC
26. SB\_IBEX PWR,GND
27. SB\_IBEX PWR,GND
28. SB\_SPI ROM,SMBus
29. CLK\_ICS9LRS3161
30. KBC\_IT8570E
31. KBC\_KB & TP
32. RST\_Reset Circuit
33. LAN\_AR8131
34. LAN\_RJ45 Conn.
35. Hybrid switch
36. AUD\_CODEC ALC269
37. AUO\_SPKR,Woofers,Mic
38. MIC&LINEIN
42. CB\_AU6433
44. BUG\_NewCard & LPC
45. CRT\_LVDS & CMOS
46. CRT\_D-Sub
48. CRT\_HDMI
49. TV\_TUNE
50. FAN\_Thermal Sensor & Fan
51. XDD\_HDD & ODD CON.
52. USB\_USB Port
53. PCI\_WiFiWimax
56. LED\_LED & Switch
57. DSG\_Discharge
58. PRO\_Protect
60. DC\_DC & BAT IN
61. BT\_Bluetooth
64. TUIN\_TV Tuner
65. ME\_W2B conn. & NUT
66. ESA\_E-SATA
68. USB3.0\_FRESCO
69. USB3.0 Port
70. VGA\_N11P-GS Main (1)
71. VGA\_N11P-GS Main (2)
72. VGA\_N11P-GS VRAM CH\_A
73. VGA\_N11P-GS VRAM CH\_C
74. VGA\_N11P-GS Main (5)
75. VGA\_N11P-GS Main (6)
76. VGA\_N11P-GS Main (7)
77. VGA\_N11P-GS Main (7)
78. VGA\_SG Display Switch
79. VGA\_SG PWR Switch
80. PWR\_VCORE(NCP3218)
81. PWR\_SYSTEM(RT8208A)
82. PWR\_VO\_VCCP\_PCH(RT8202A)
83. PWR\_VO\_DDR(RT8202A+uP7711)
84. PWR\_V+1.8V,+1.1V(RT8015-LDO)
85. PWR\_VGA\_CORE(RT8202A)
86. PWR\_RENDERER\_CORE(RT8152D)
88. PWR\_CHARGER(MB39A132)
91. PWR\_LOAD SWITCH
93. PWR\_SIGNAL

## N73JF Block Diagram



# N73JF Repair Guide

2010/08/25  
Eric\_zhuang  
CSC-GRMA



# N73JF Repair Guide

2010/08/25  
Eric\_zhuang  
CSC-GRMA



# N73JF Repair Guide

2010/08/25  
Eric\_zhuang  
CSC-GRMA

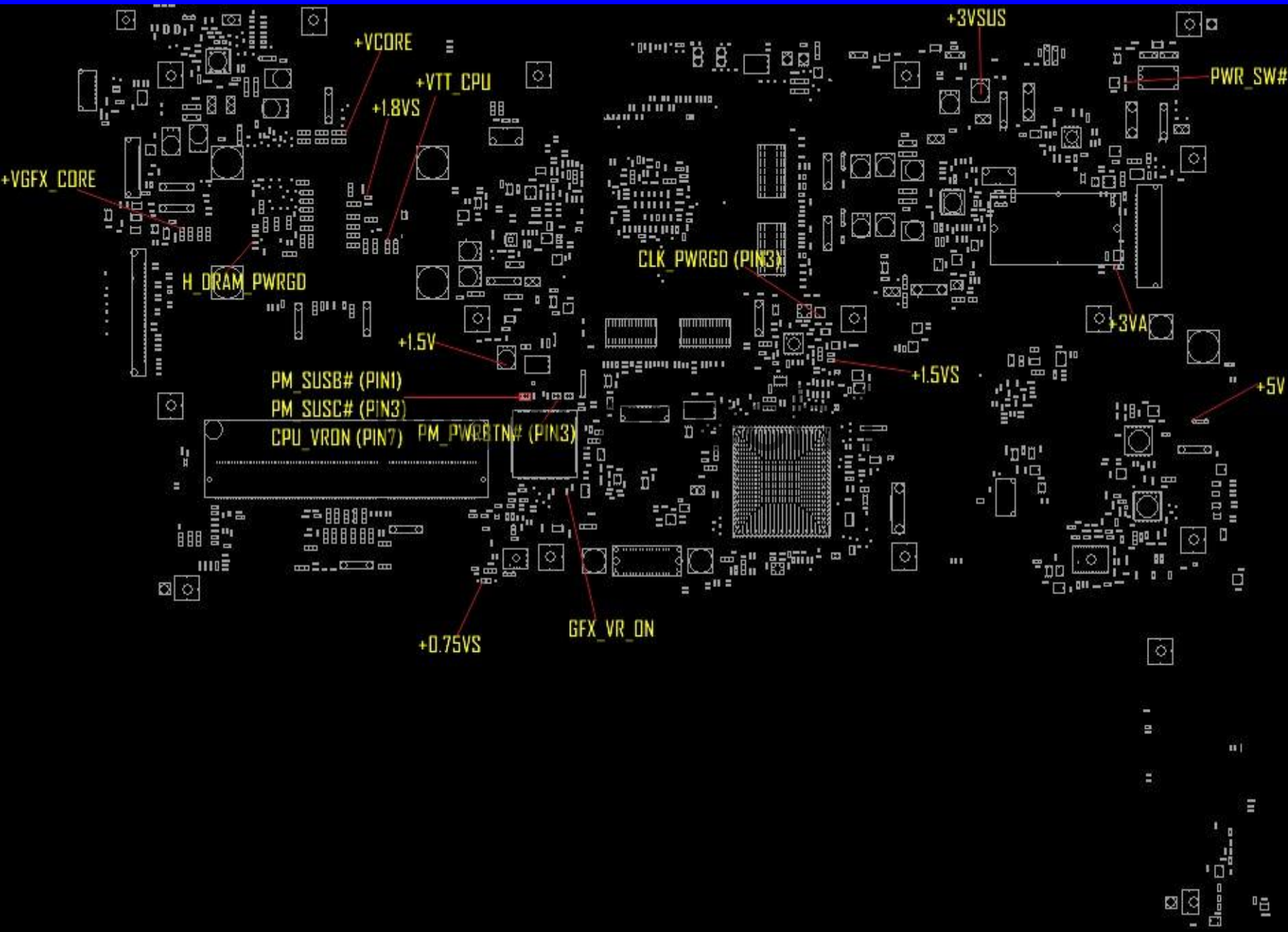
## M52J Power-On Sequence Timing Diagram Rev.0.31





# N73JF Repair Guide(TOP)

2010/08/25  
Eric\_zhuang  
CSC-GRMA



# N73JF Repair Guide(Bottom)

2010/08/25  
Eric\_zhuang  
CSC-GRMA

