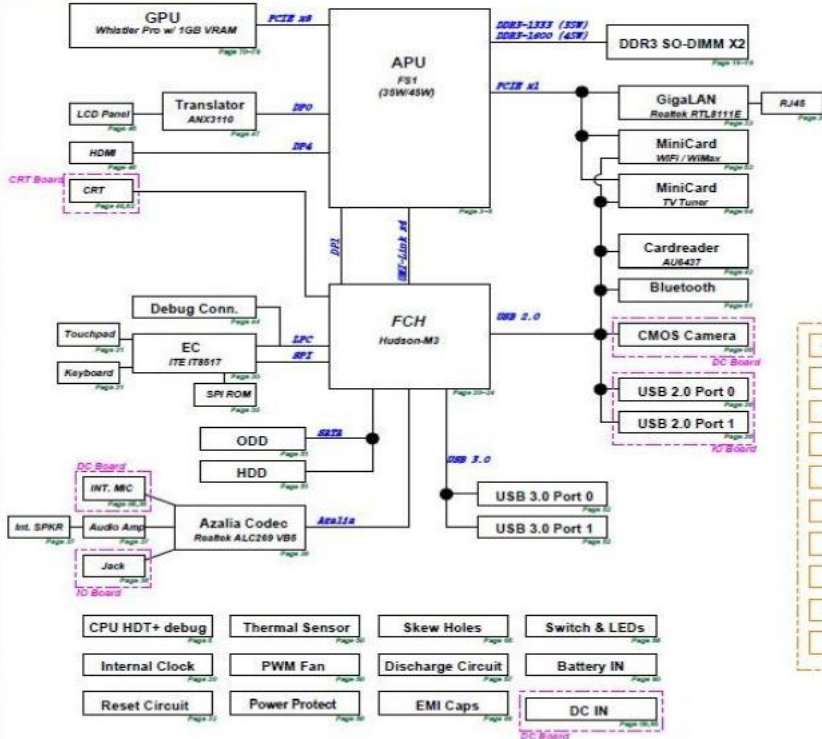


# N53TA Repair Guide

2011/5/9  
Janmouss\_chang  
CSC-GRMA

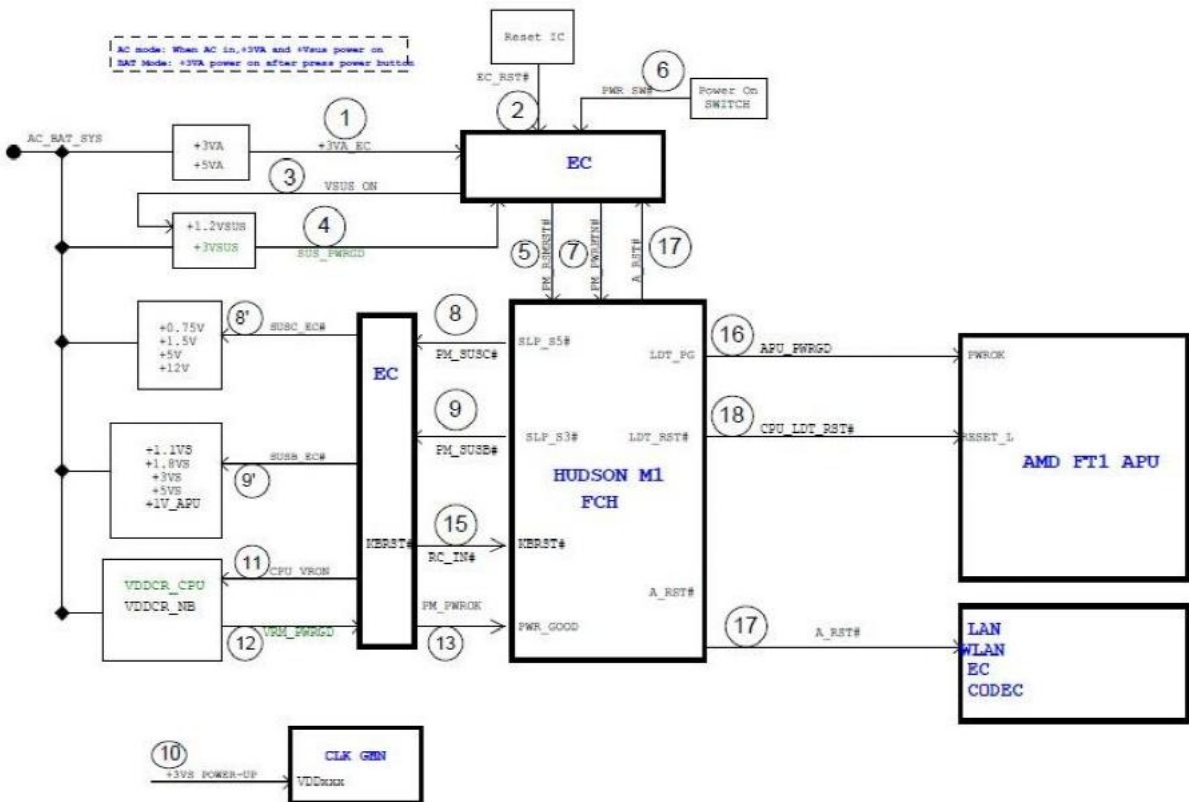
01. Block Diagram
02. System Setting
03. CPU\_FSI+ PCIE IF
04. CPU\_FSI+ DDR3
05. CPU\_FSI+ Display/Misc.
06. CPU\_FSI+ PWR
08. >>>DC\_BD-Conn.
09. >>>DC\_BD-Adapter IN
10. >>>DC\_BD-LID SW
11. >>>DC\_BD-Screw Hole
16. DIM DDR3 SO-DIMM A
17. DIM DDR3 SO-DIMM B
18. DIM CA/DQ VREF
20. SB\_Hudson M3- ACPI/PCL/CLK
21. SB\_Hudson M3- GPIO/USB/AZ
22. SB\_Hudson M3- SATA/HYMN/SPY
23. SB\_Hudson M3- PWR/GND
24. SB Straps
30. KBC IT8517
31. KBC KB & TP
32. RST\_Reset Circuit
33. LAN\_AR151
34. LAN\_RJ45 Conn.
36. AUD\_ALC289-GR
37. AUD AMP & SPKR
38. >>>IO\_BD- USB & Audio Jacks
39. >>>IO\_BD- Screw Hole
42. CB\_AUG437
44. BUG\_LPC Debug
45. CRT\_LVDS
46. CRT\_D-Sub
47. CRT\_ANX9834
48. CRT\_HDMI
49. CRT\_EDP Conn.
50. FAN\_Thermal Sensor & Fan
51. XDD\_HDD & ODD Conn.
52. USB\_USB Port
53. PCI\_WiFi/WiMax
56. LED\_LEDS
57. DSG\_Discharge
58. PRO\_Protect
60. DC\_BAT IN
61. BT\_Bluetooth
62. >>>VGA\_BD- CRT Conn.
63. >>>VGA\_BD- Screw Hole
64. TUN\_TV Tuner
65. ME\_Screw Hole & Nut
66. ME\_W2B Conn. to DC\_BD
67. ME\_W2B Conn. to IO\_BD
68. OTH\_LMI Caps
70. VGA\_Whistler Pro Main (1)
71. VGA\_Whistler Pro Main (2)
72. VGA\_Whistler Pro VRAM A
73. VGA\_Whistler Pro VRAM B
74. VGA\_Whistler Pro Power (1)
75. VGA\_Whistler Pro Power (2)
76. VGA\_Whistler THERM/MemorySS
77. VGA\_Whistler Pro Straps
78. VGA\_BACO Switching
79. VGA\_5G PWR Switch
80. PW\_VCORE(MAX1711T)\_3Phase
81. PW\_SYSTEM(RT3206A)
82. PW\_I/O +1.1VSUS(RT3202A)
83. PW\_I/O DDR(RT3202A)+uP7711S
84. PW\_I/O VDDCR\_VDDP(RT3202A)
85. PW\_GPU\_NVDD\_CORE(RT3202A)
87. PW +2.5VS +1.8VS
88. PW\_CHARGER(MB39A132)
89. PW\_LOAD SWITCH 1.1VSUS
91. PW\_LOAD SWITCH

## N53TA Block Diagram



# N53TA Repair Guide

2011/6/20  
Janmou\_chang  
CSC-GRMA



# N53TA Repair Guide(TOP)

2011/6/20  
Janmous\_chang  
CSC-GRMA

