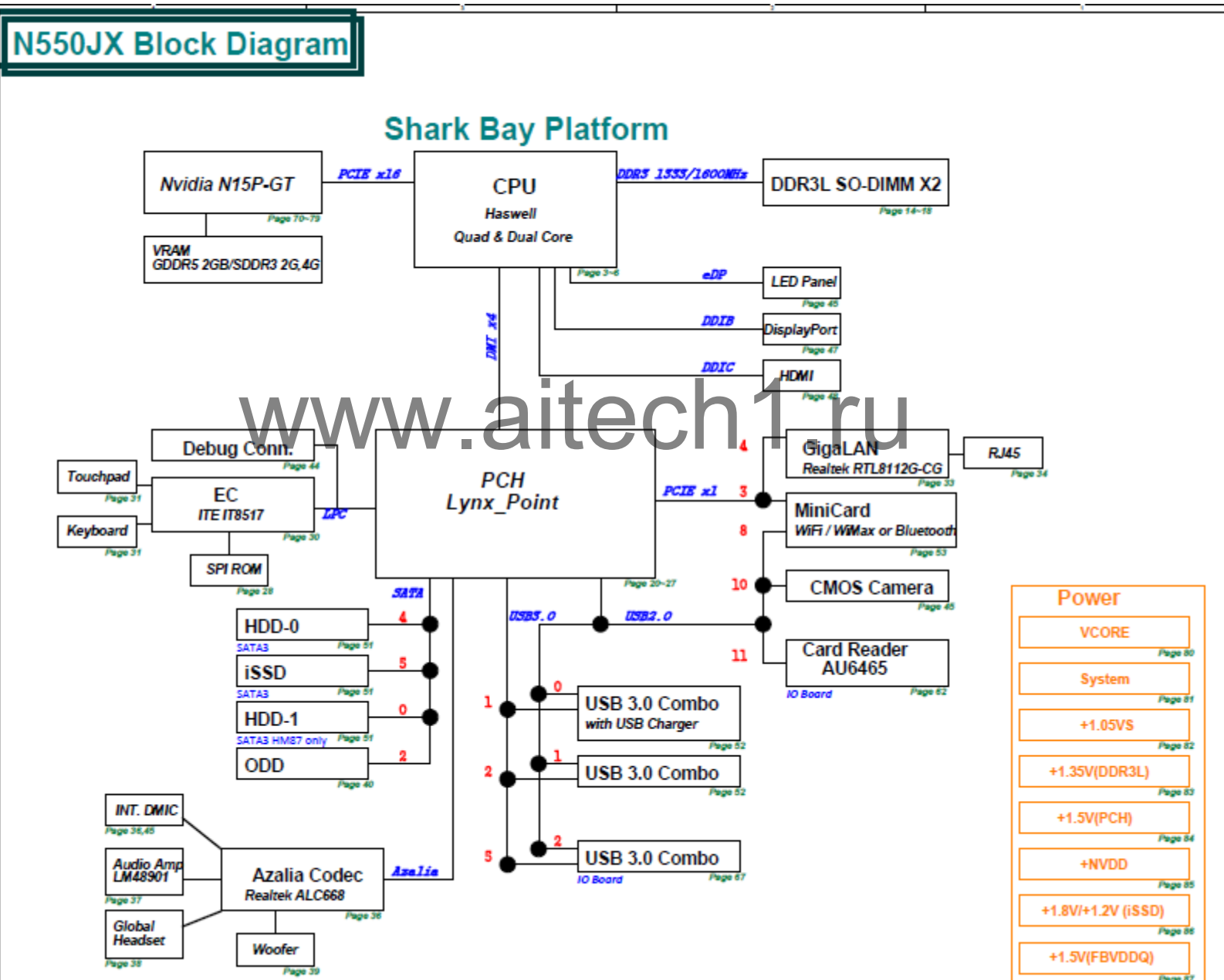
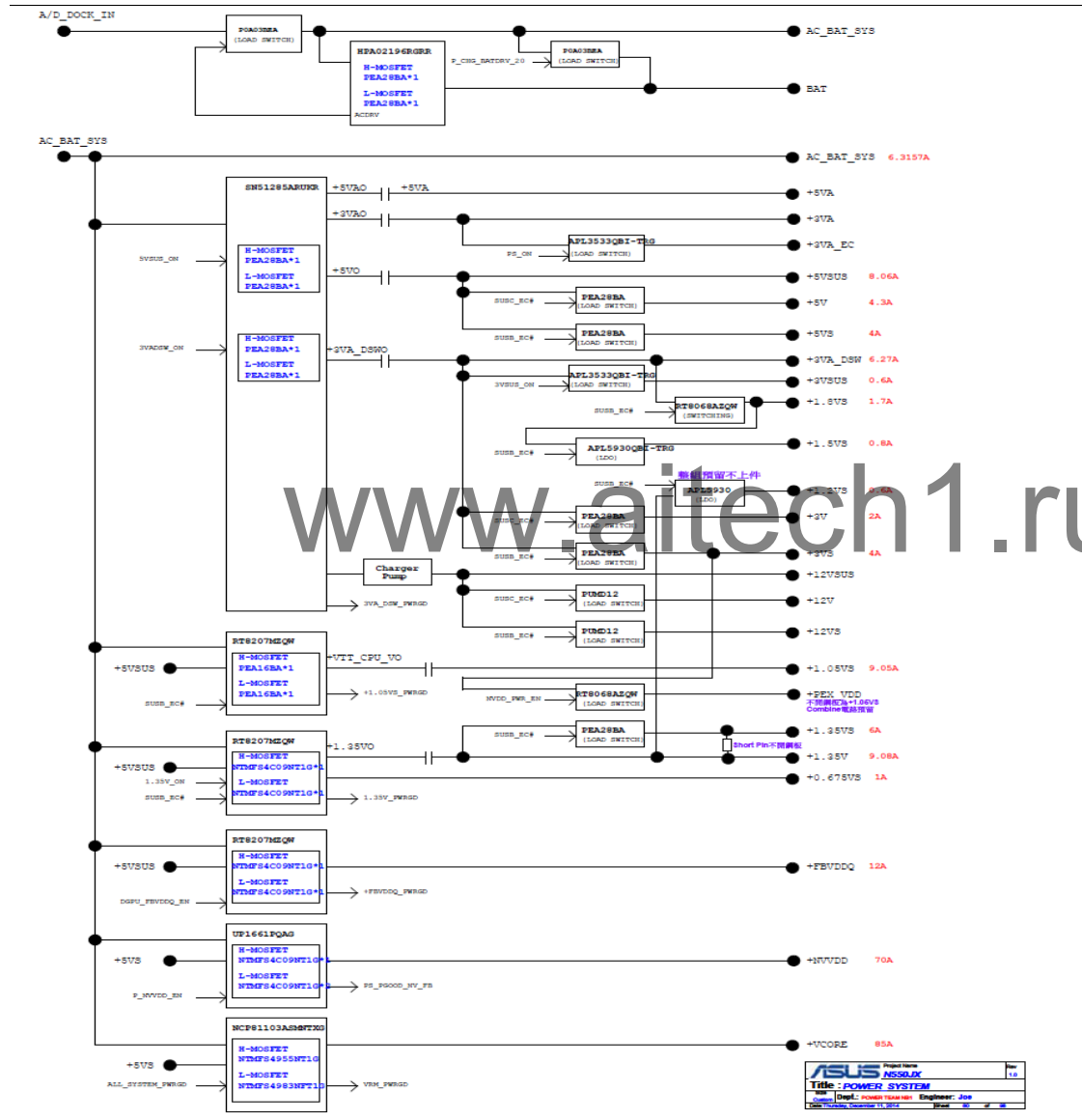


## BLOCK DIAGRAM

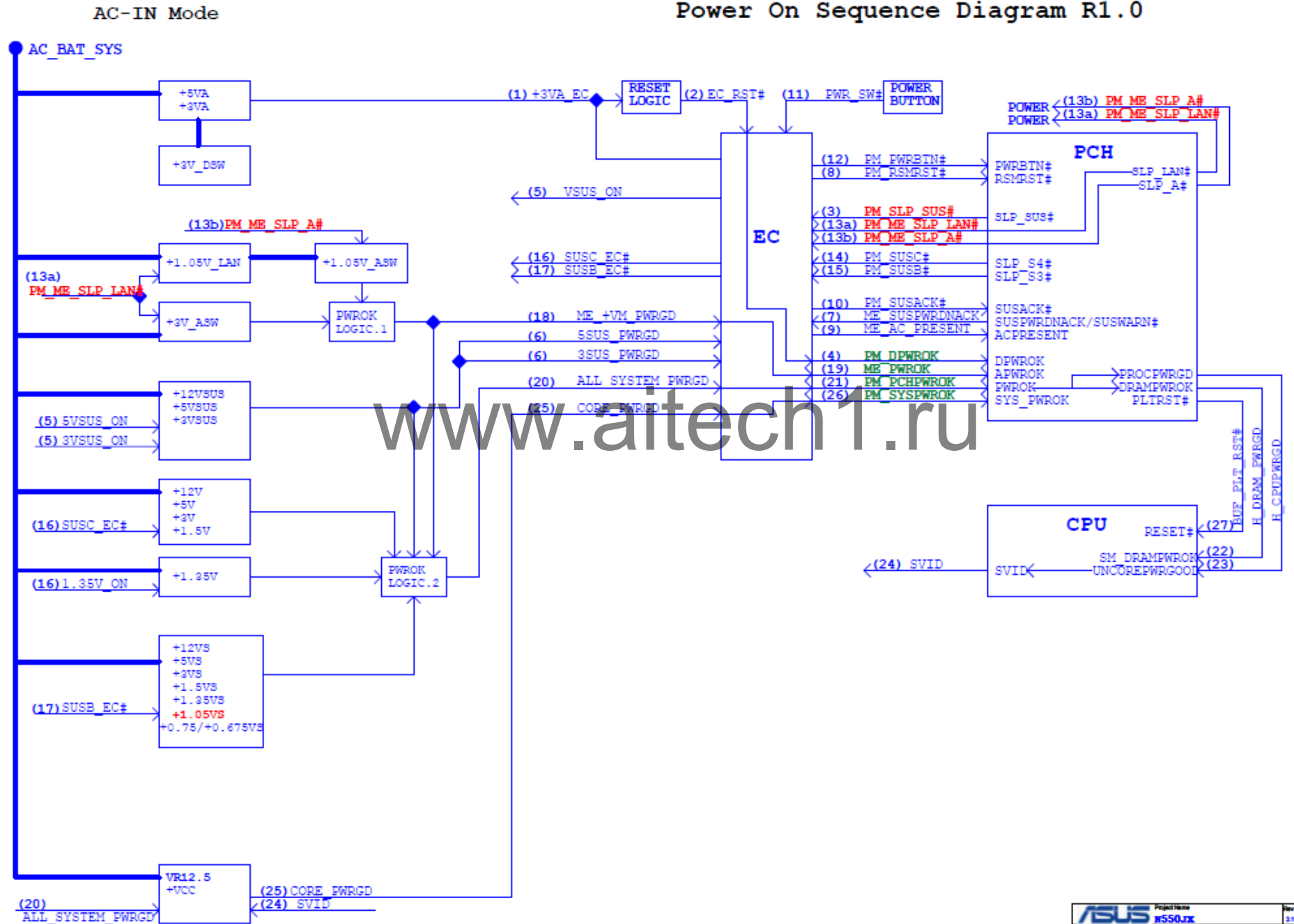


# POWER FLOW



# POWER ON SEQUENCE

Power On Sequence Diagram R1.0

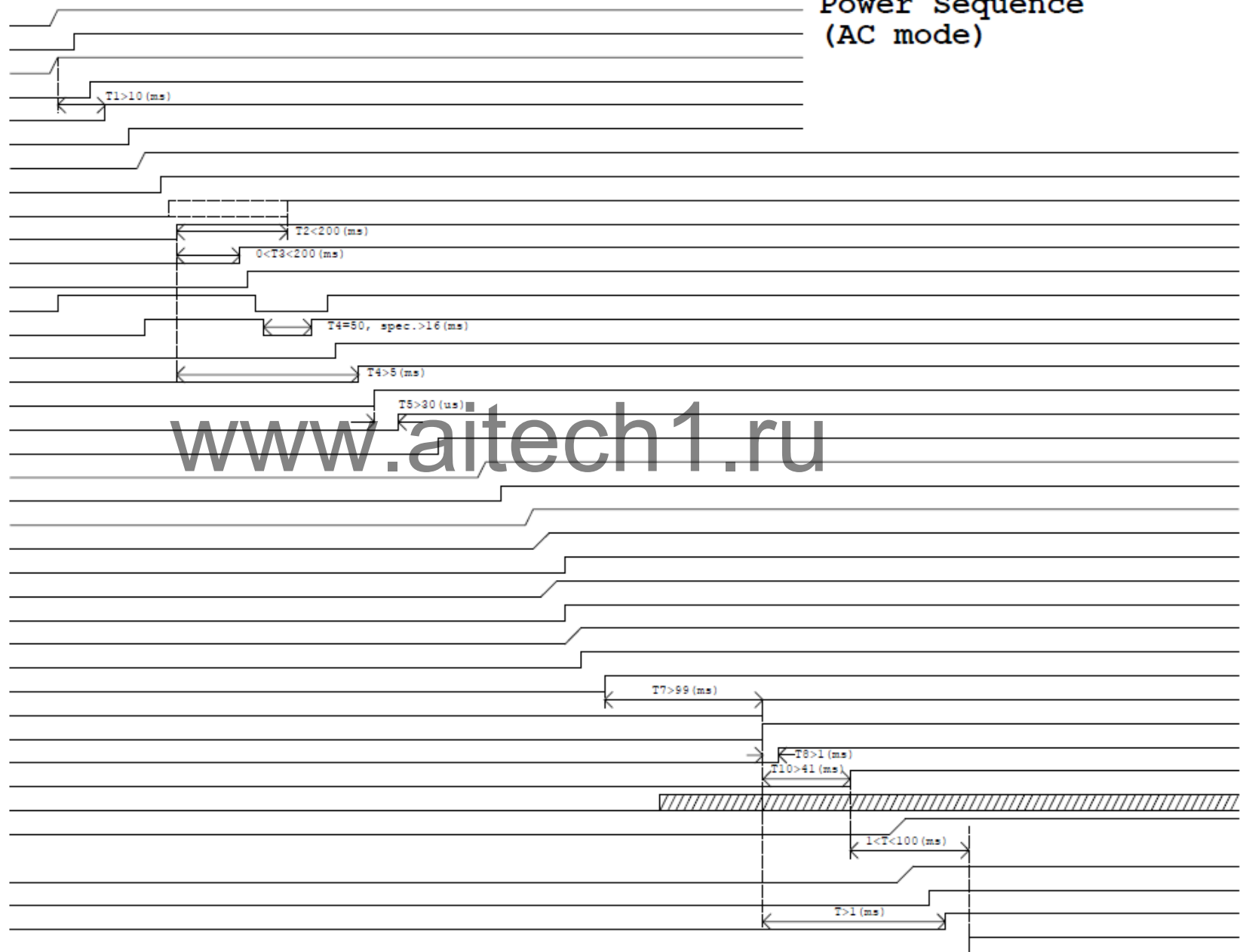


# AC POWER ON SEQUENCE

## AC-IN Mode

## Power Sequence (AC mode)

- 1 +3VA/+5VA/+3VA\_EC
- 2 EC\_RST#
- VccDSW
- 3 PM\_SLP\_SUS#
- 4 PM\_DPWROK
- 5 VSUS\_ON
- +3VSUS/+5VSUS
- SUS\_PWRGD
- 7 ME\_SusPwrDnAck
- 8 PM\_RSMRST#
- 9 ME\_AC\_PRESENT
- 10 PM\_SUSACK#
- 11 PWR\_SW#
- 12 PM\_PWRBTN#
- 13(a) PM\_ME\_SLP\_LAN#
- 13(b) PM\_ME\_SLP\_A#
- 14 PM\_SUSC#
- 15 PM\_SUSB#
- 16 SUSC\_EC#
- +1.5V/+3V/+5V
- 17 SUSB\_EC#
- +0.6VS/+0.75VS/+1.5VS//+1.8VS/+3VS/+5VS
- +PEX\_VDD/+1.5VSG/+1.8VSG/+3VSG/+NVDD
- 20 SYSTEM\_PWRGD
- +VTT\_CPU
- 21 +VTT\_CPU\_PWRGD
- +0.6VS
- 22 +0.6VS\_PWRGD
- 23 ALL\_SYSTEM\_PWRGD
- 24 PM\_PCHPWROK
- 25 PM\_SYSPWROK
- 26 H\_DRAM\_PWRGD
- 27 H\_CPUPWRGD
- 28 SVID
- +VCORE
- +VccGFX
- 29 VRM\_PWRGD
- 30 SUS\_SATA#
- 31 BUF\_PLT\_RST#

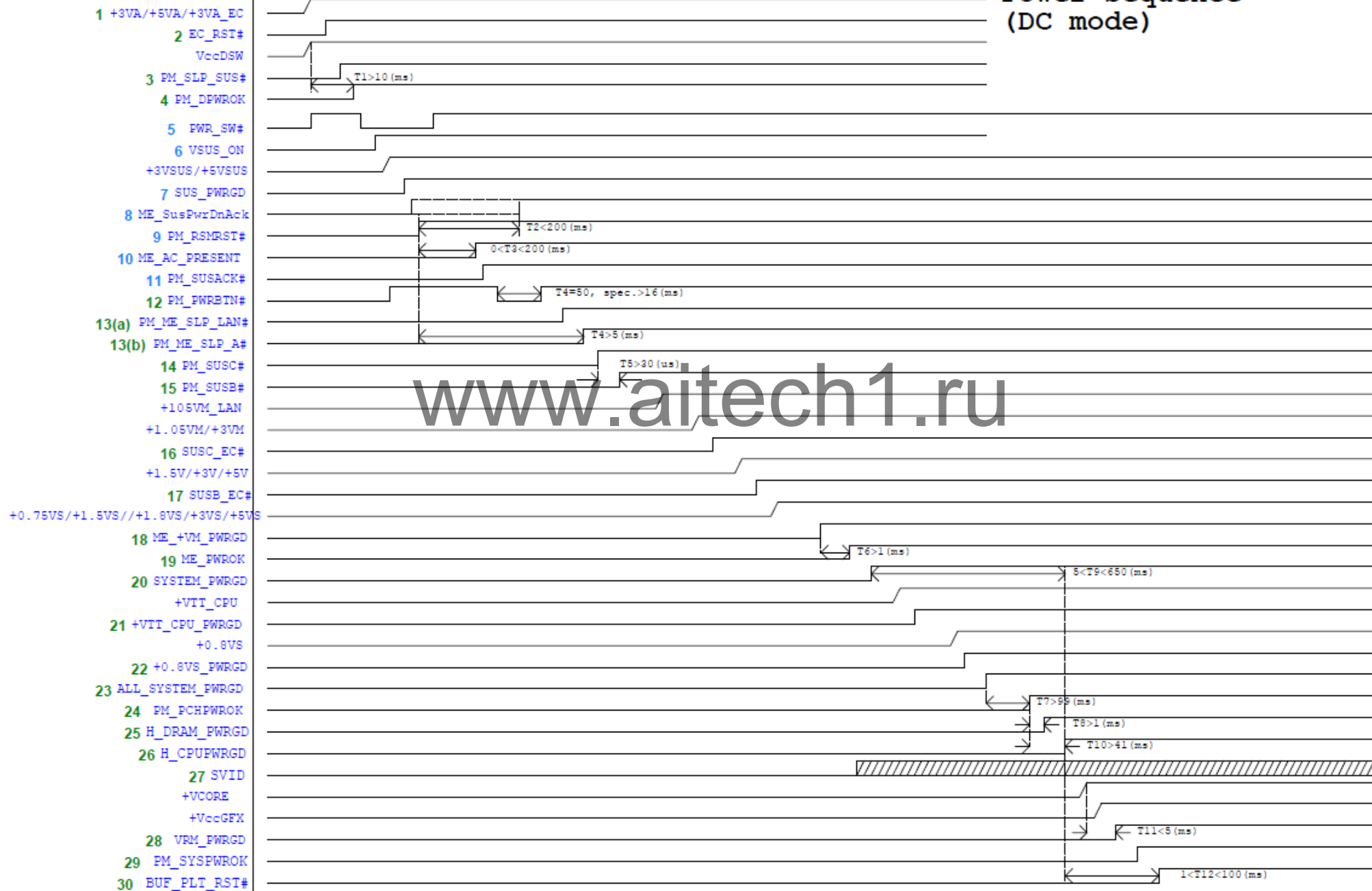


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# DC POWER ON SEQUENCE

DC-IN Mode

Power Sequence  
(DC mode)





37. PL8001 + VCORE 13

4. PL8100 + 3VA\_DSWO 461

24. PQ9105 SUSB\_EC# 515

23. PQ9106 SUSC\_EC# 603

33. R2243 PM\_SYSPWROK 576

35. PL8701 + FBVDDQ 97

41. PL8501 + NVVDD 12

13. SL2202 ME\_SUSPWRDNACK 550

38. PL8600 + L8VO 398

25. VT481 + VRM\_PWRGD 547

10. VT1044 + 3VSUS\_ON 552

5. R5722 + 3VA\_EC 478

32. VT1070 CORE\_PWRGD 552

1. PSL8101 + 3VAO 467

9. PSL8103 + 5VSUS\_ON 564

3. PSL8104 + 5VAO 500

26. R2117 PM\_PWROK 573

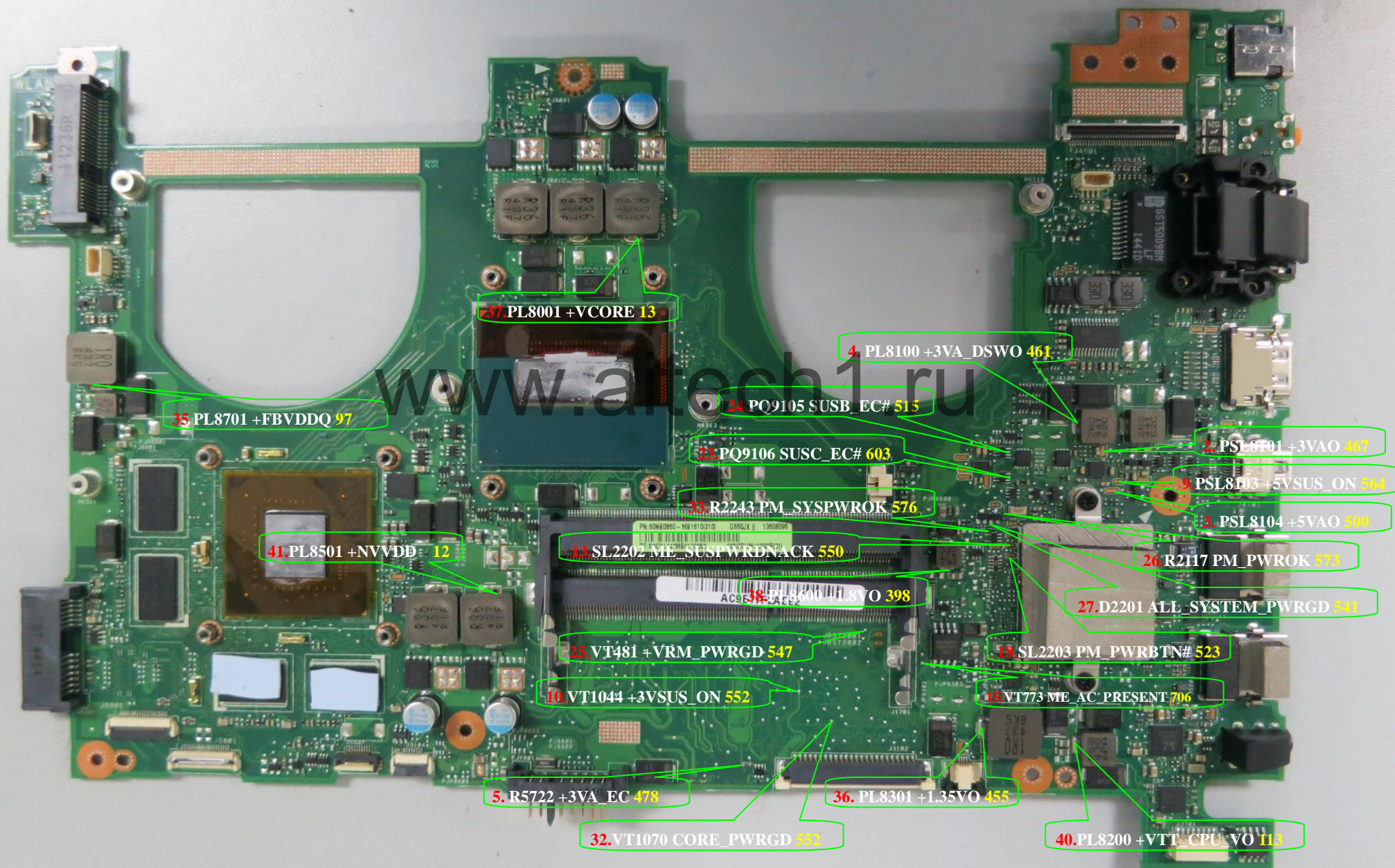
27. D2201 ALL\_SYSTEM\_PWRGD 541

18. SL2203 PM\_PWRBTN# 523

18. VT773 ME\_AC\_PRESENT 706

36. PL8301 + 1.35VO 455

40. PL8200 + VTT\_CPU\_VO 113





## Signal Measure Point-Top

