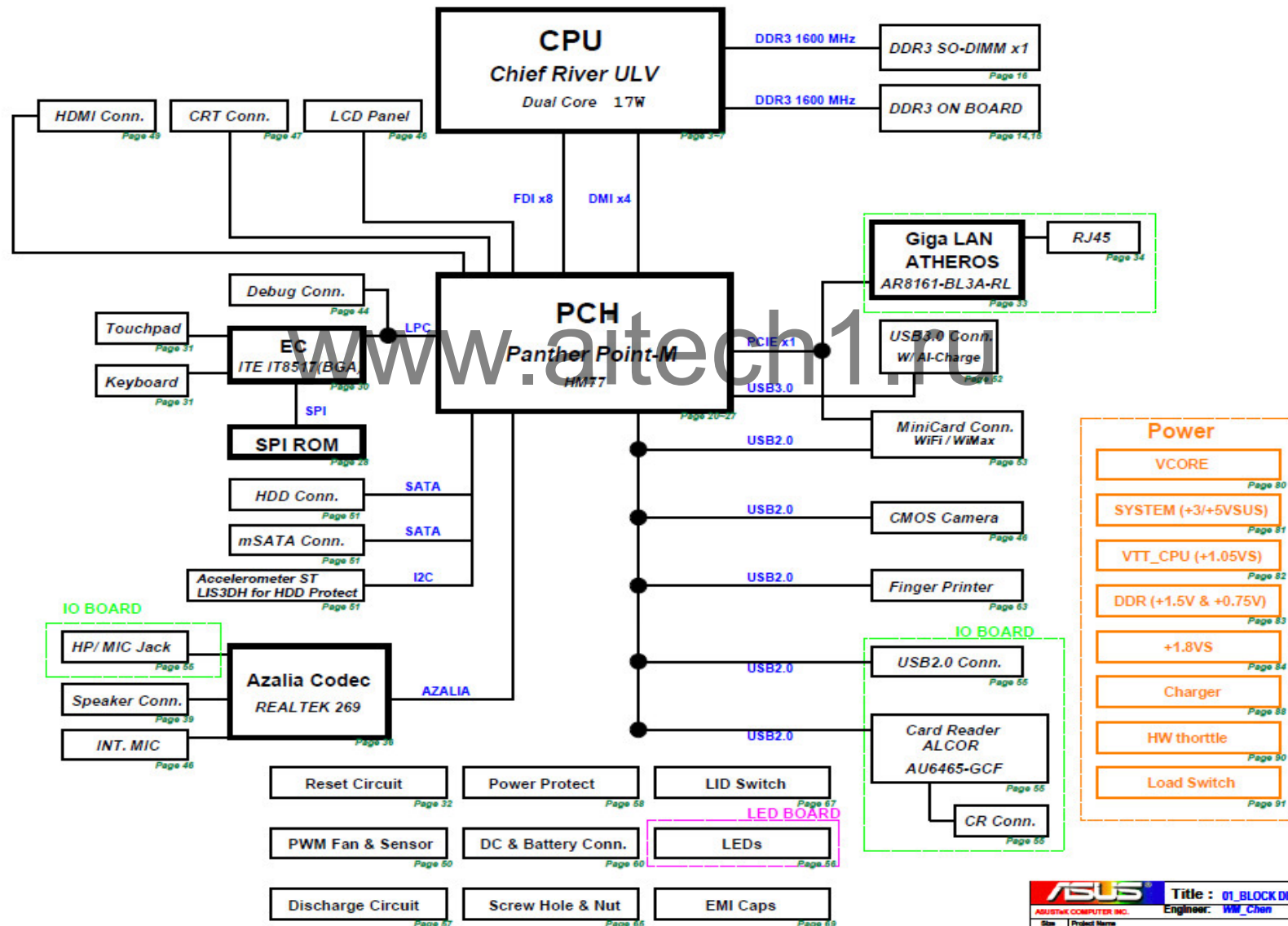
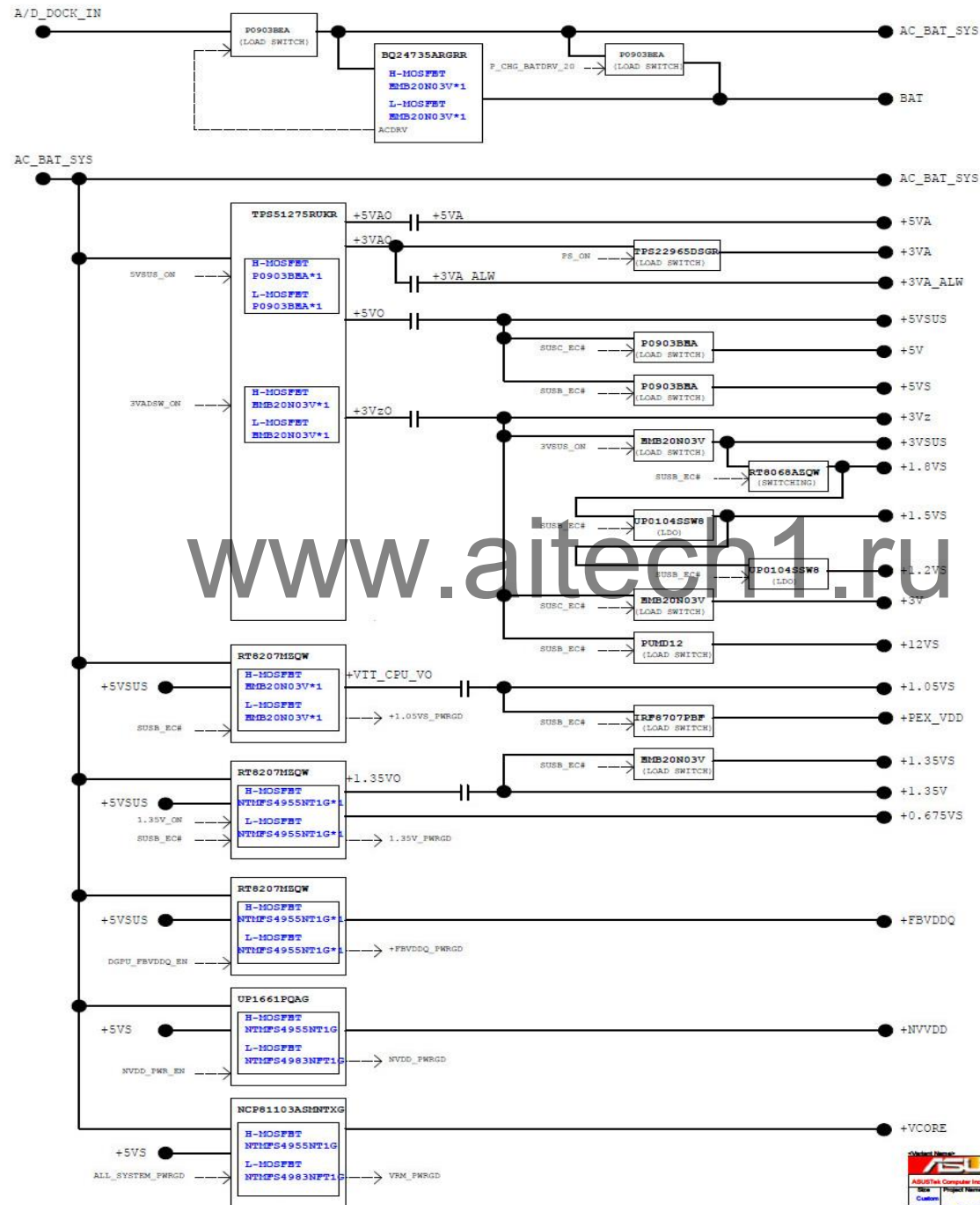


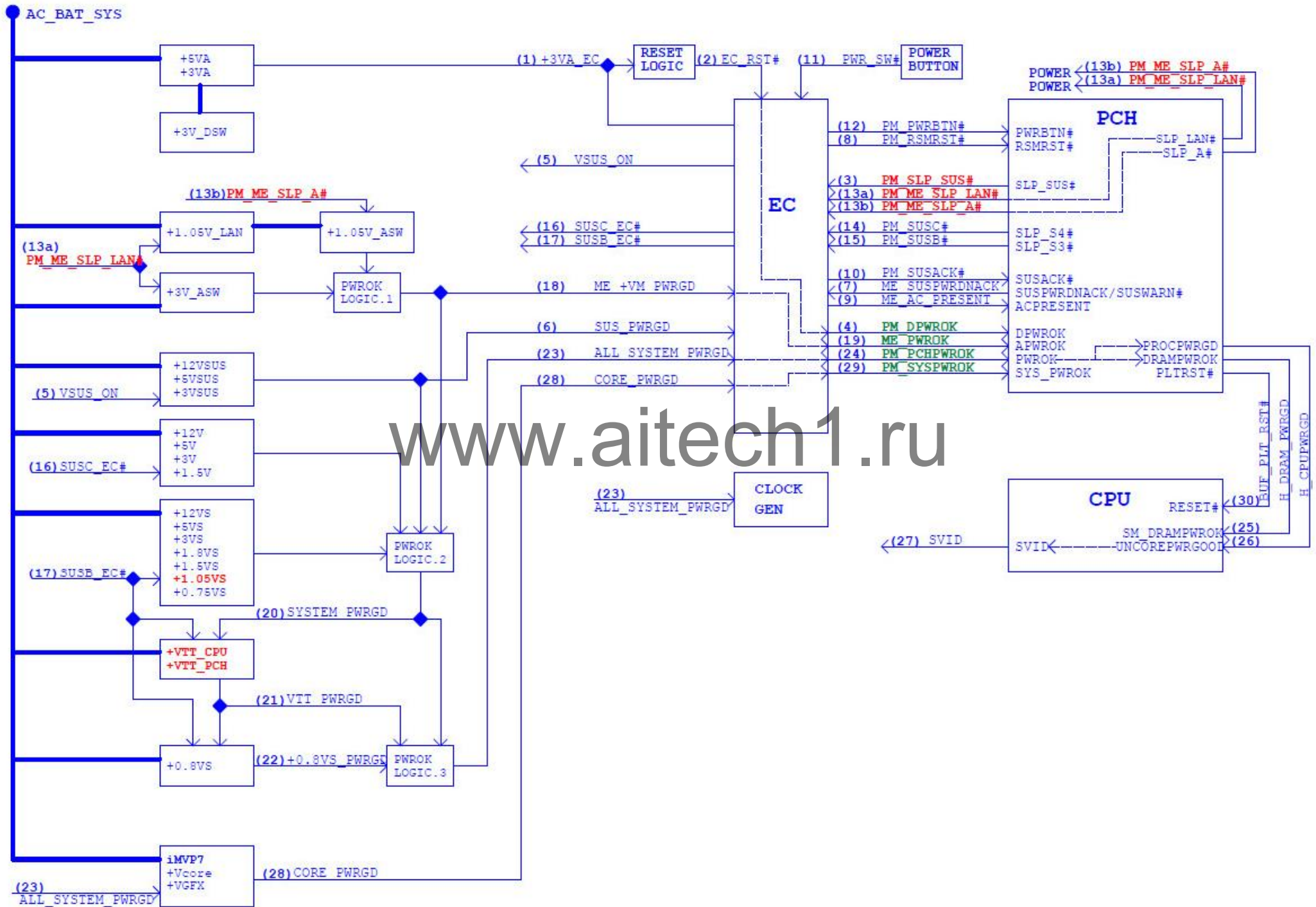
## P500CA BLOCK DIAGRAM



# POWER FLOW



# POWER ON SEQUENCE



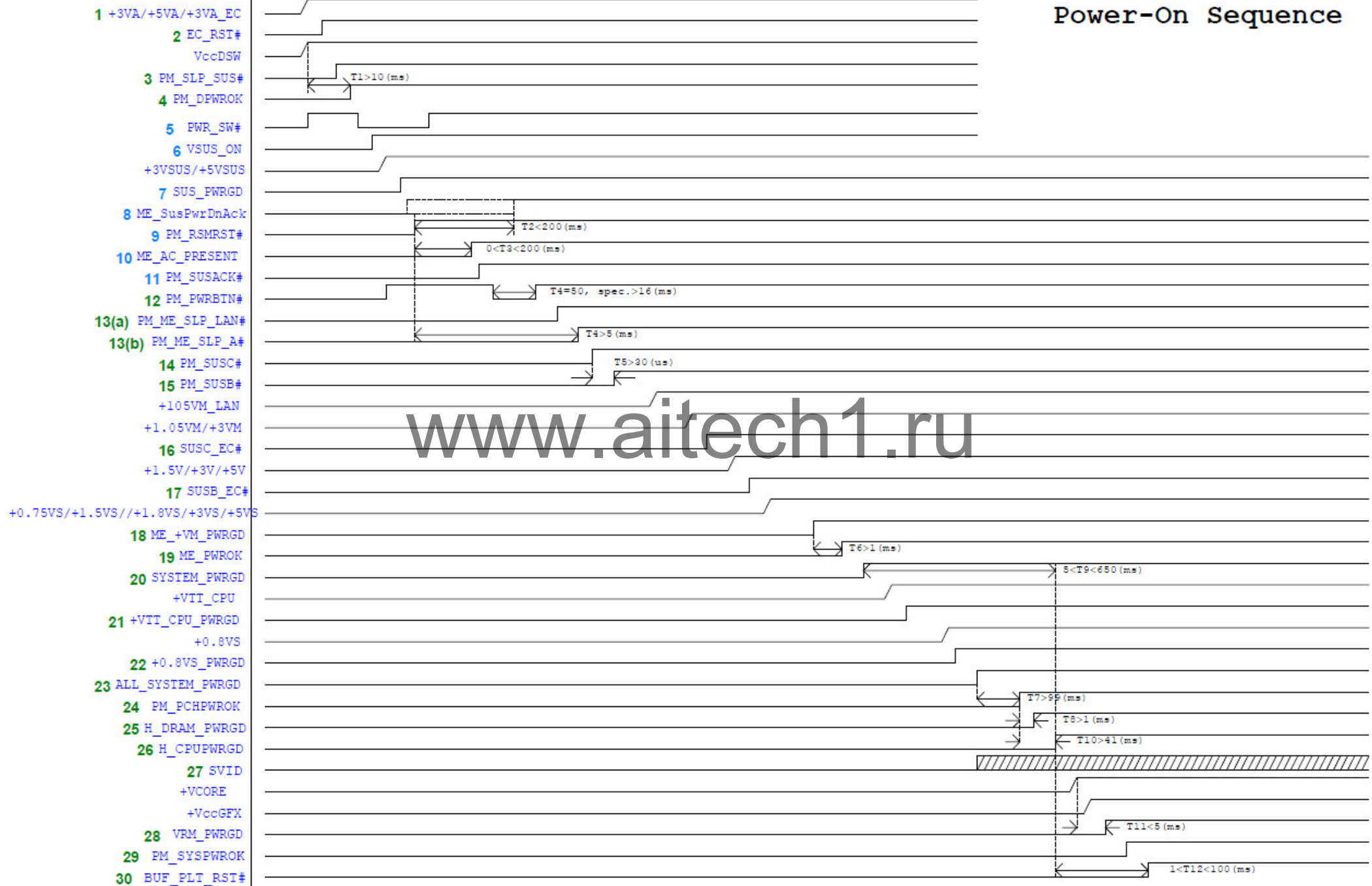
## AC-IN Mode

## Power-On Sequence



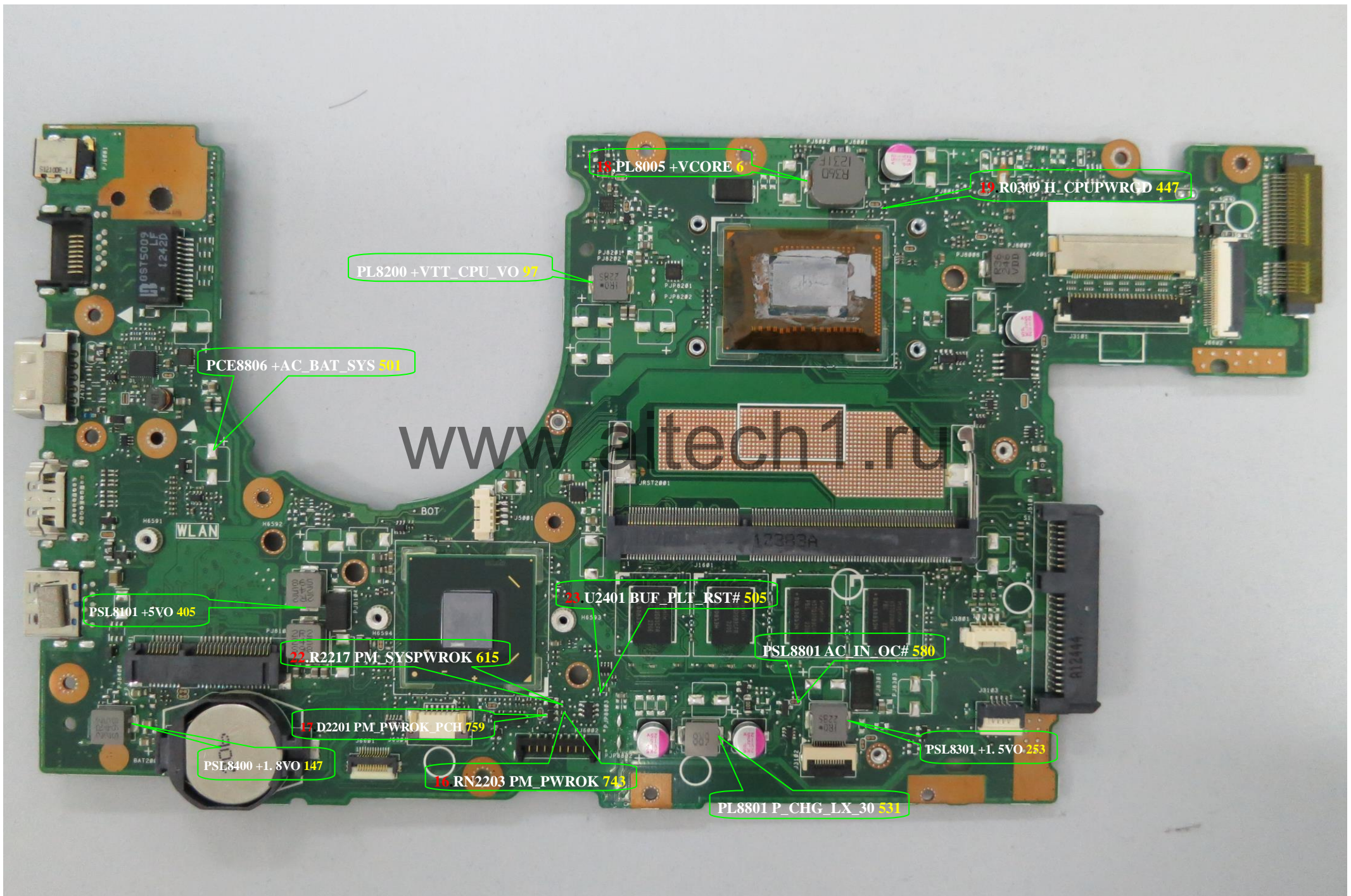
## DC-IN Mode

## Power-On Sequence





# Signal Measure Point-Bottom





6 RN3005 PM\_RSMRST# 573

11. RN3006 PM\_SUSC# 385

12. RN3006 PM\_SUSB# 386

9. R0702 PM\_PWRBTN# 539

21. SL5807 CORE\_PWRGD 542

20. PSL8006 VR\_SVID\_DATA 76

20. PSL8007 VR\_SVID\_CLK 67

5. Q3002 ME\_SUSPWRDNACK\_EC 374

4. D5804 +3VSUS\_PERGD 556

1. D5804 +5VSUS\_PWRGD 565

10. D3002 SLP\_A# 379

2. D3202 EC\_RST 681

1. D3202 +3VA\_EC 478

15. D5801 ALL\_SYS\_PWRGD 518

8. SW5901 PWR\_SW# 772

PQ8108 +3VSUS\_ON 627

PQ8108 +5VSUS\_ON 743

PQ9106 SUSC\_EC # 385

14. PD8403 SUSB\_EC# 570

13. PQ8111 SLP\_LAN# 384

D2207 ME\_AC\_PRESENT 574

ASUS P55CA MAIN BOARD PCB MADE IN CHINA

www.atech1.ru