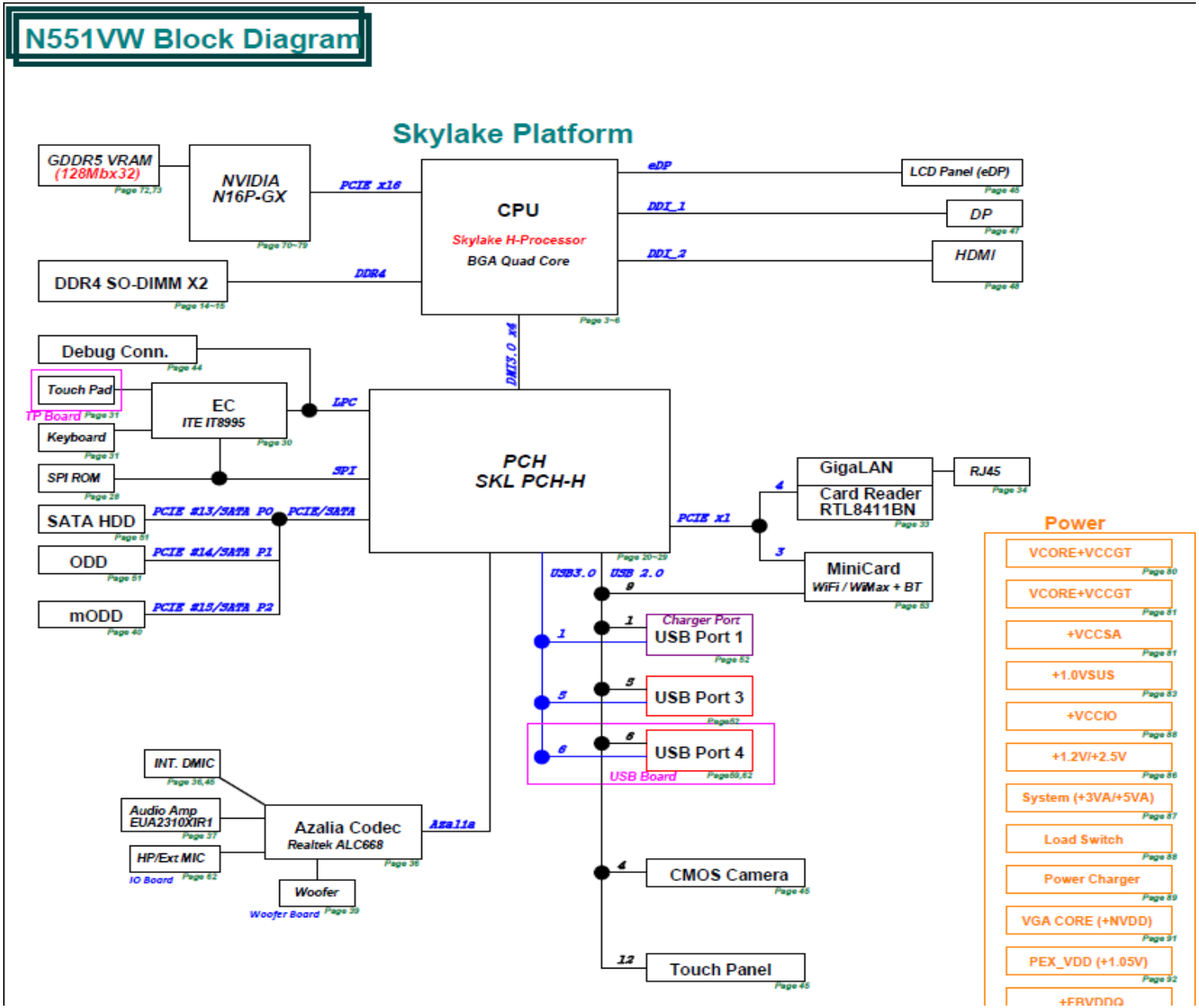
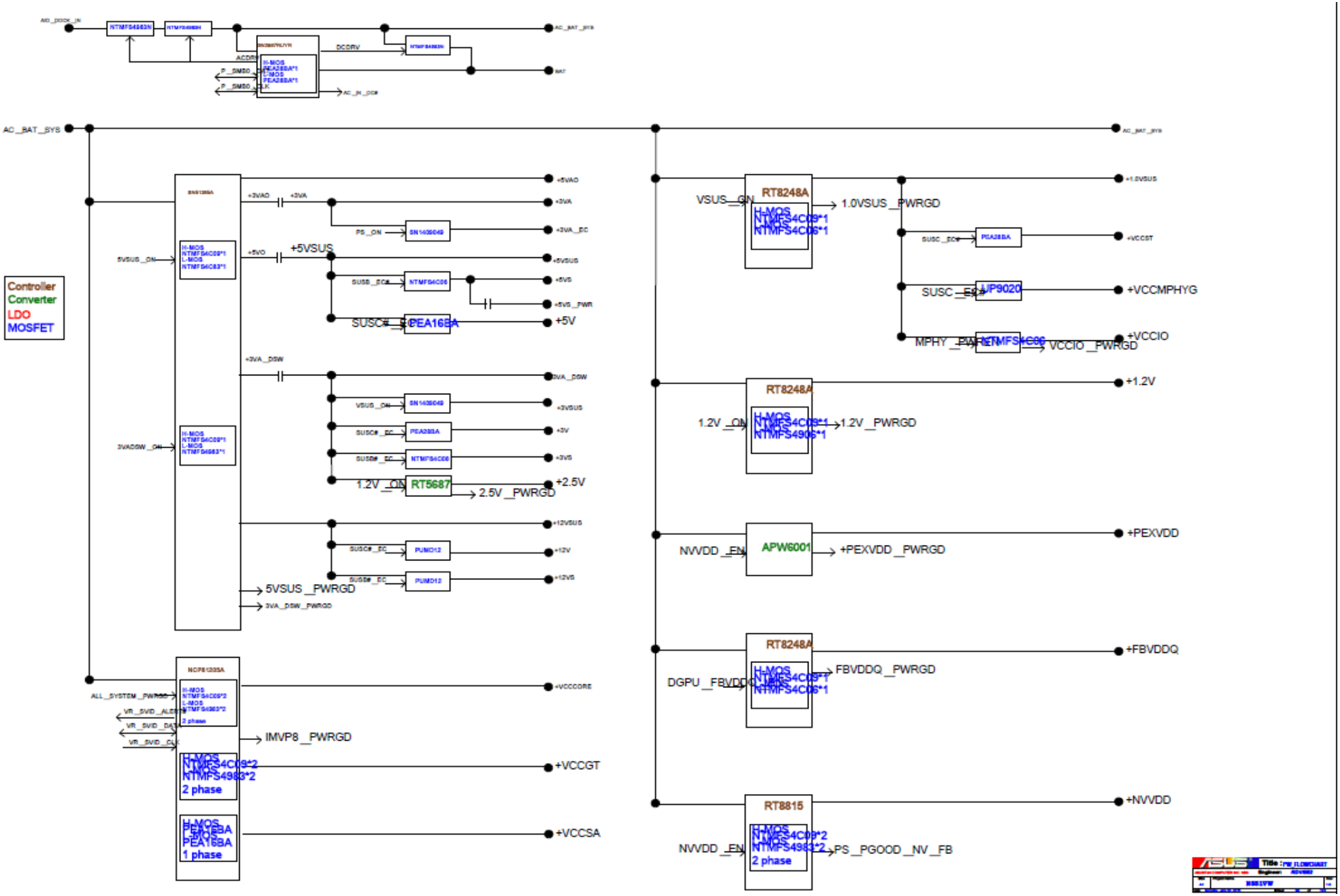
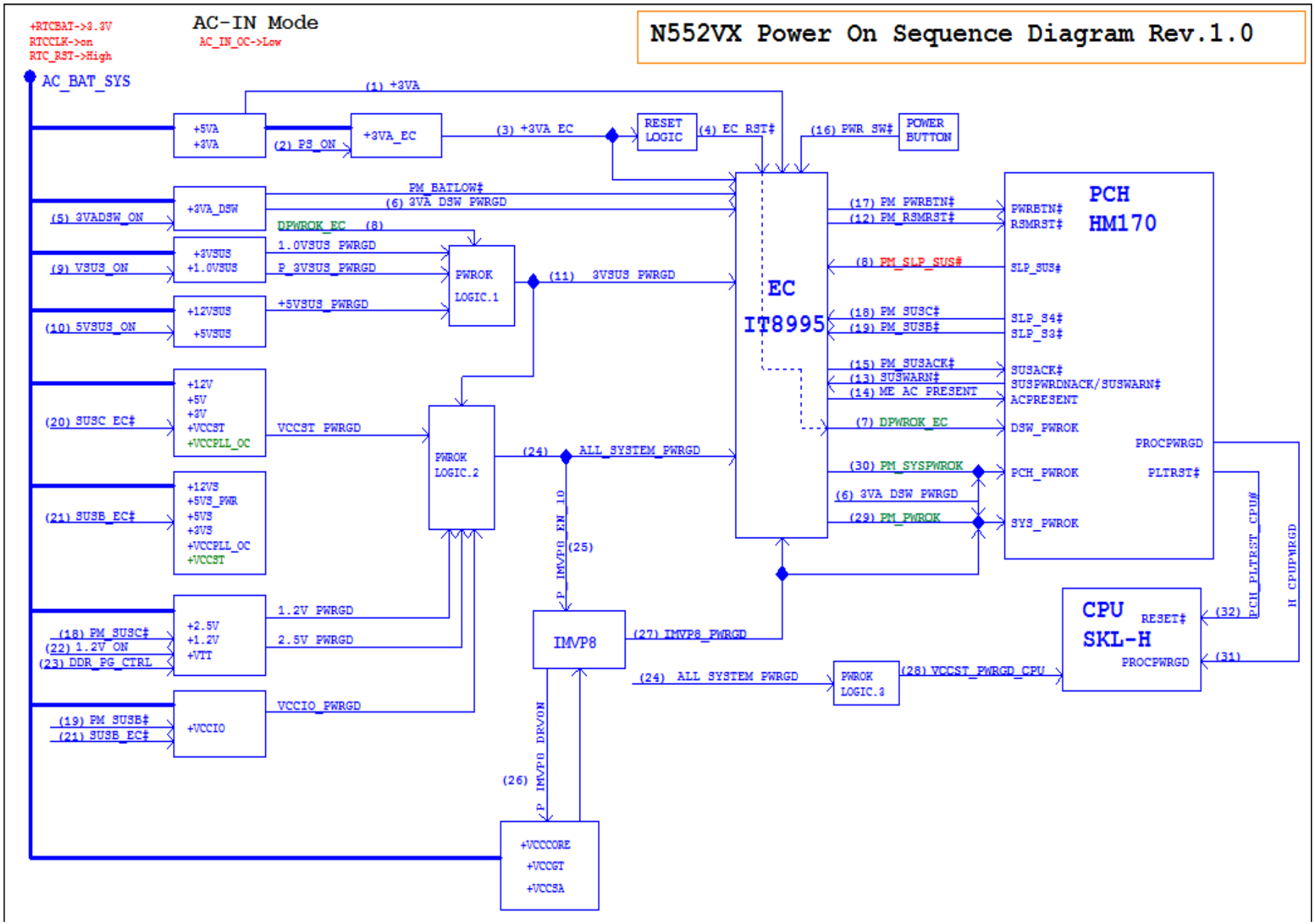
BLOCK DIAGRAM



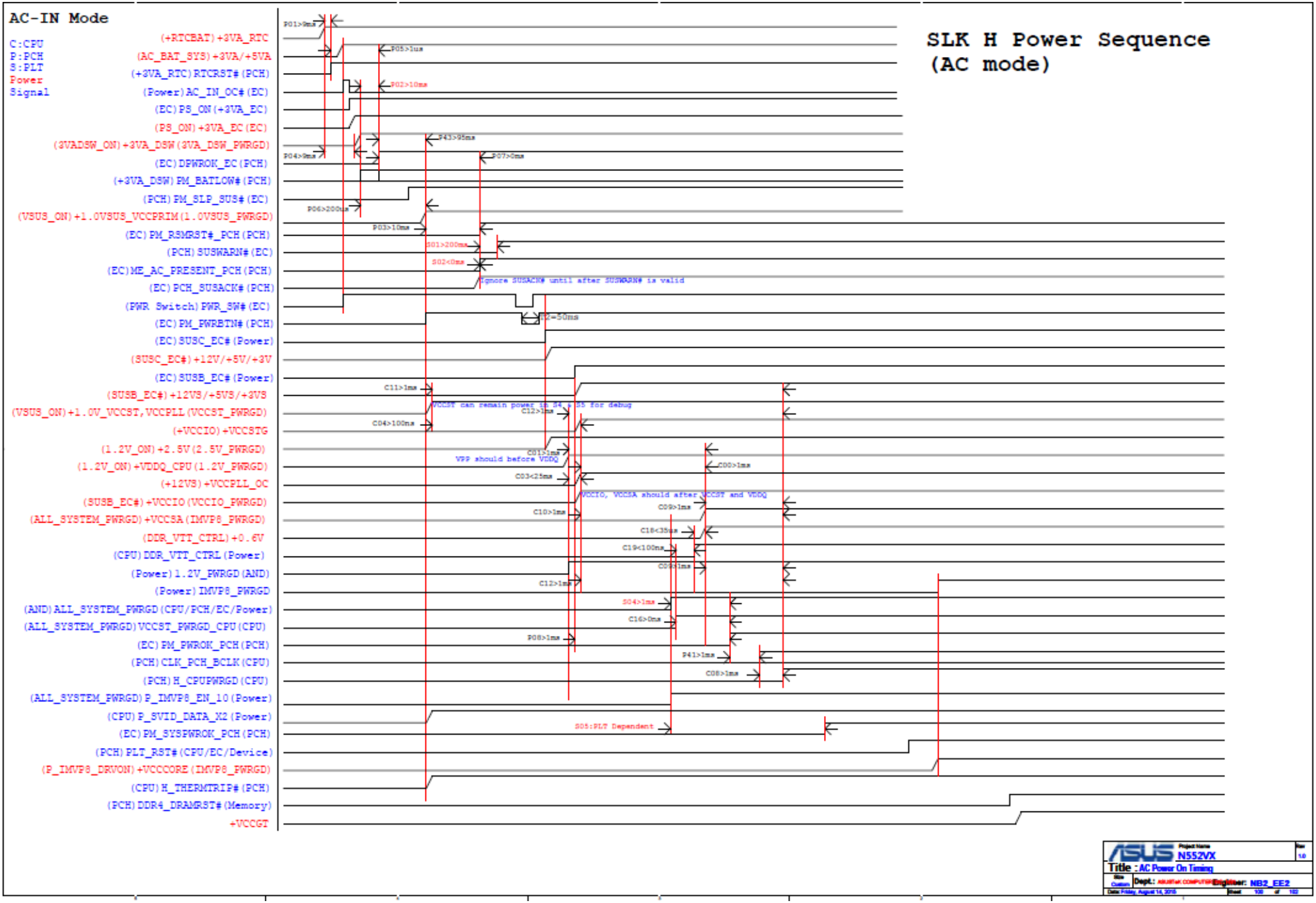
POWER FLOW


AC_BAT_SYS
Controller
Converter
LDO
MOSFET
+5VALW
+3VALW
+3VA
+3VA_PS
+5VSUS
+5VSUS
+5VS
+5VS_PWR
+5V
+3VA_DSW
+3VSUS
+3V
+3V5
+2.5V
2.5V_PWRGD
+12VSUS
+12V
+12V5
5VSUS_PWRGD
3VA_DSW_PWRGD
+VCCCORE
IMVP8_PWRGD
+VCCGT
+VCCSA
RT8248A
VSUS_ON
1.0VSUS_PWRGD
+1.0VSUS
+VCCST
+VCCMPHYG
+VCCIO
VCCIO_PWRGD
RT8248A
1.2V_ON
1.2V_PWRGD
+1.2V
APW6001
NVDD_EN
+PEXVDD_PWRGD
+PEXVDD
RT8248A
DGPU_FBVDDQ
FBVDDQ_PWRGD
+FBVDDQ
RT8815
NVDD_EN
PS_PGOOD_NV_FB
+NVVDD
2 phase
1 phase

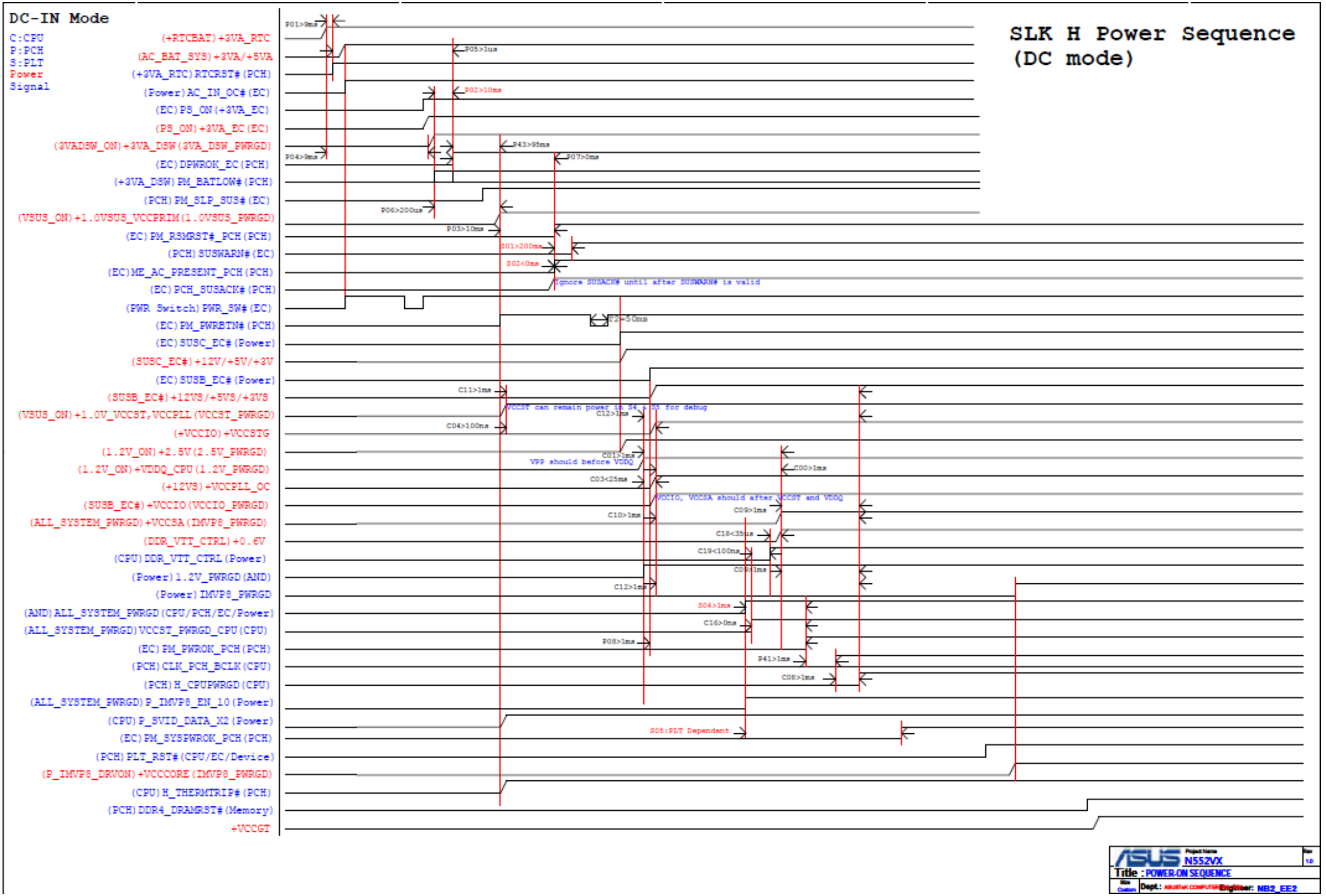
POWER ON SEQUENCE



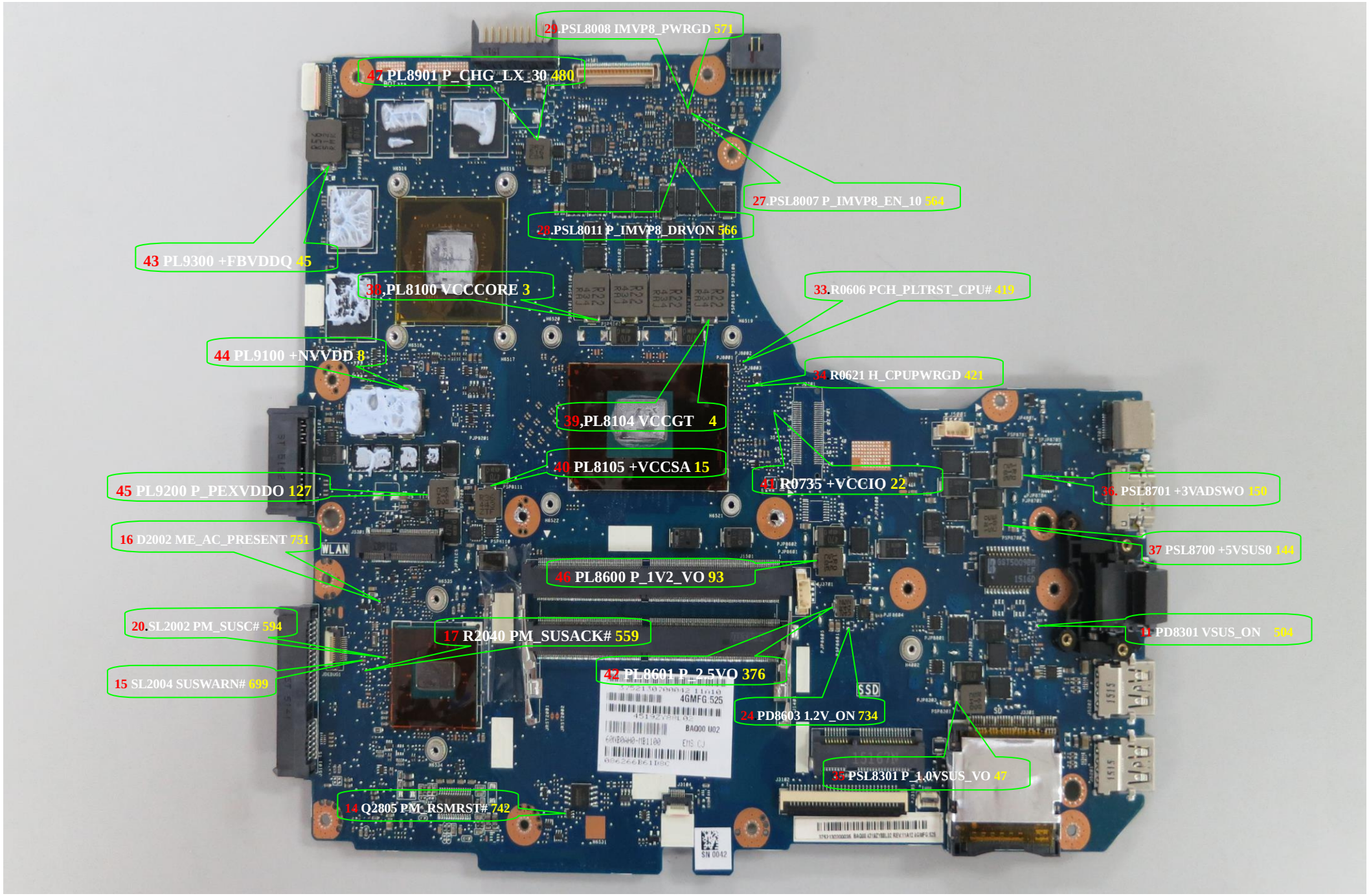
AC_IN POWER ON SEQUENCE



DC_IN POWER ON SEQUENCE



Signal Measure Point-Bottom



Signal Measure Point-Top