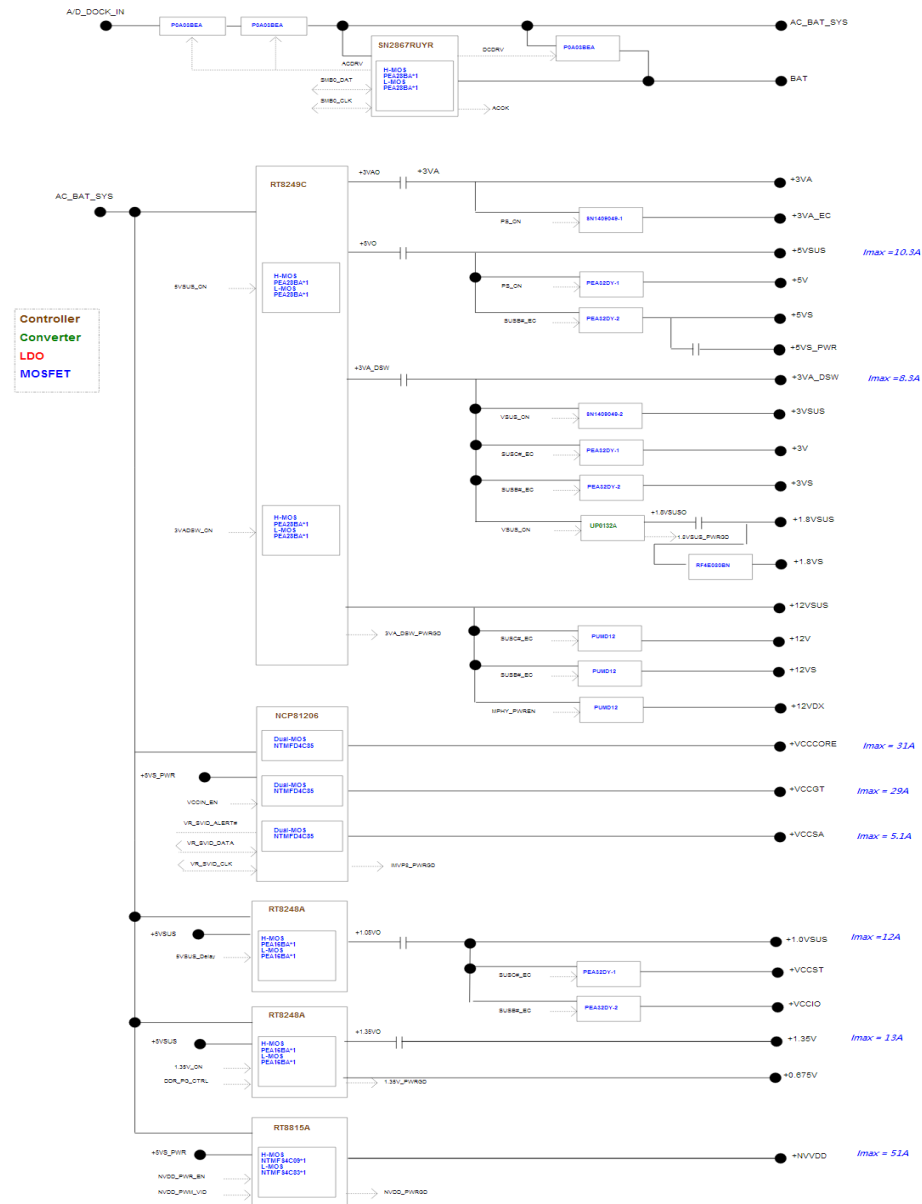


X541UA/UV SCHEMATIC Revision 1.0

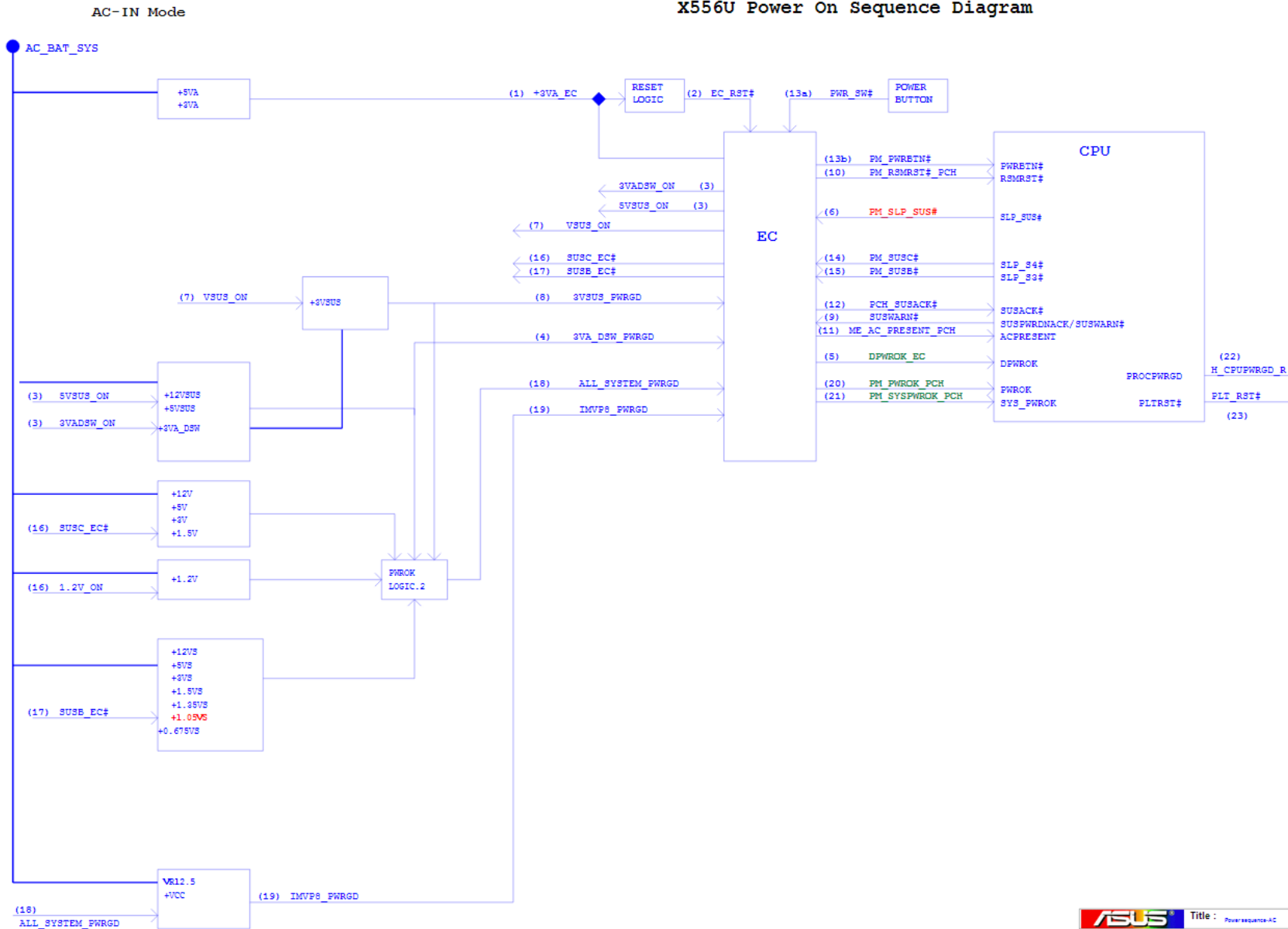
BLOCK DIAGRAM

POWER FLOW

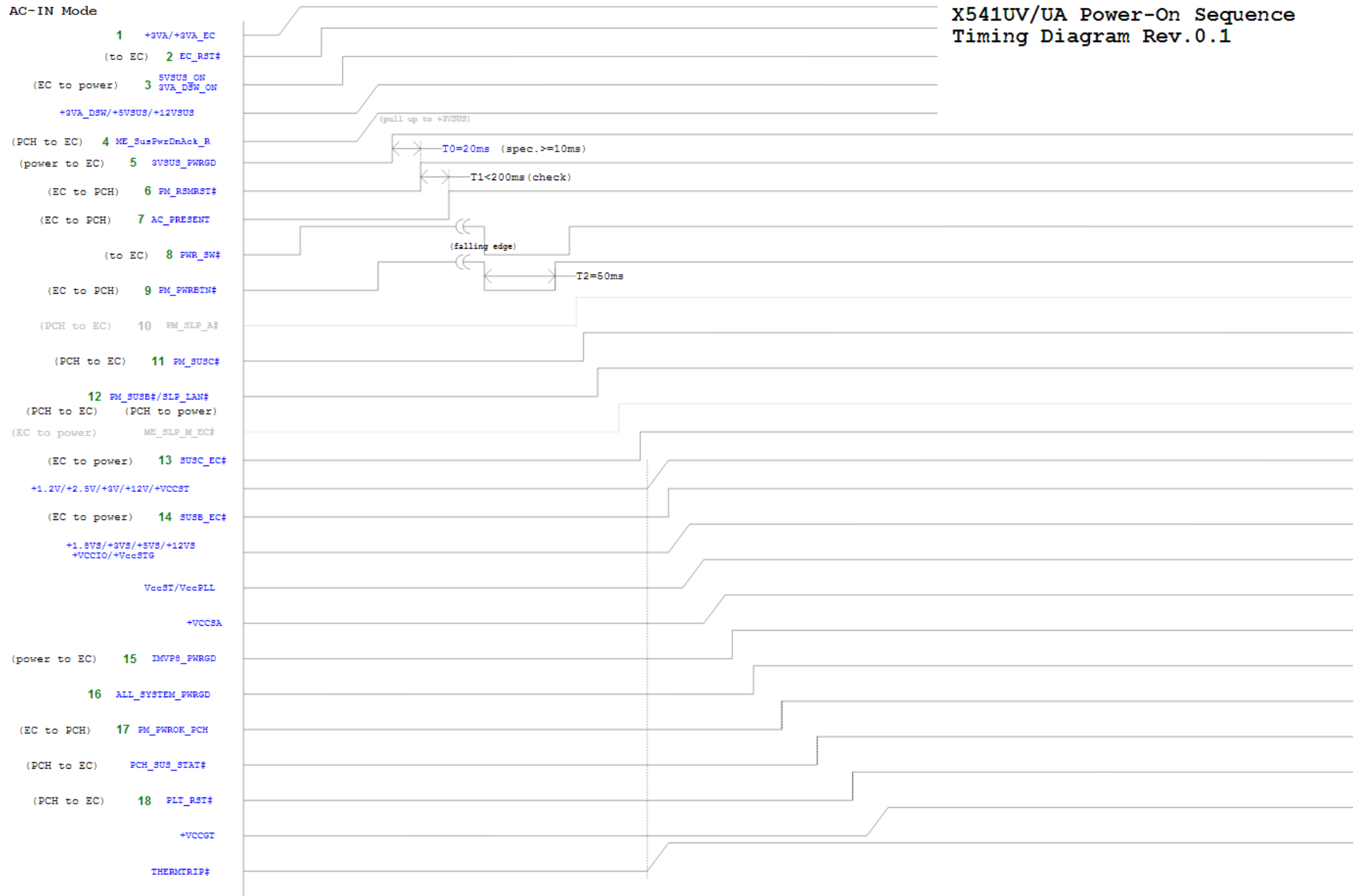


POWER ON SEQUENCE

X556U Power On Sequence Diagram



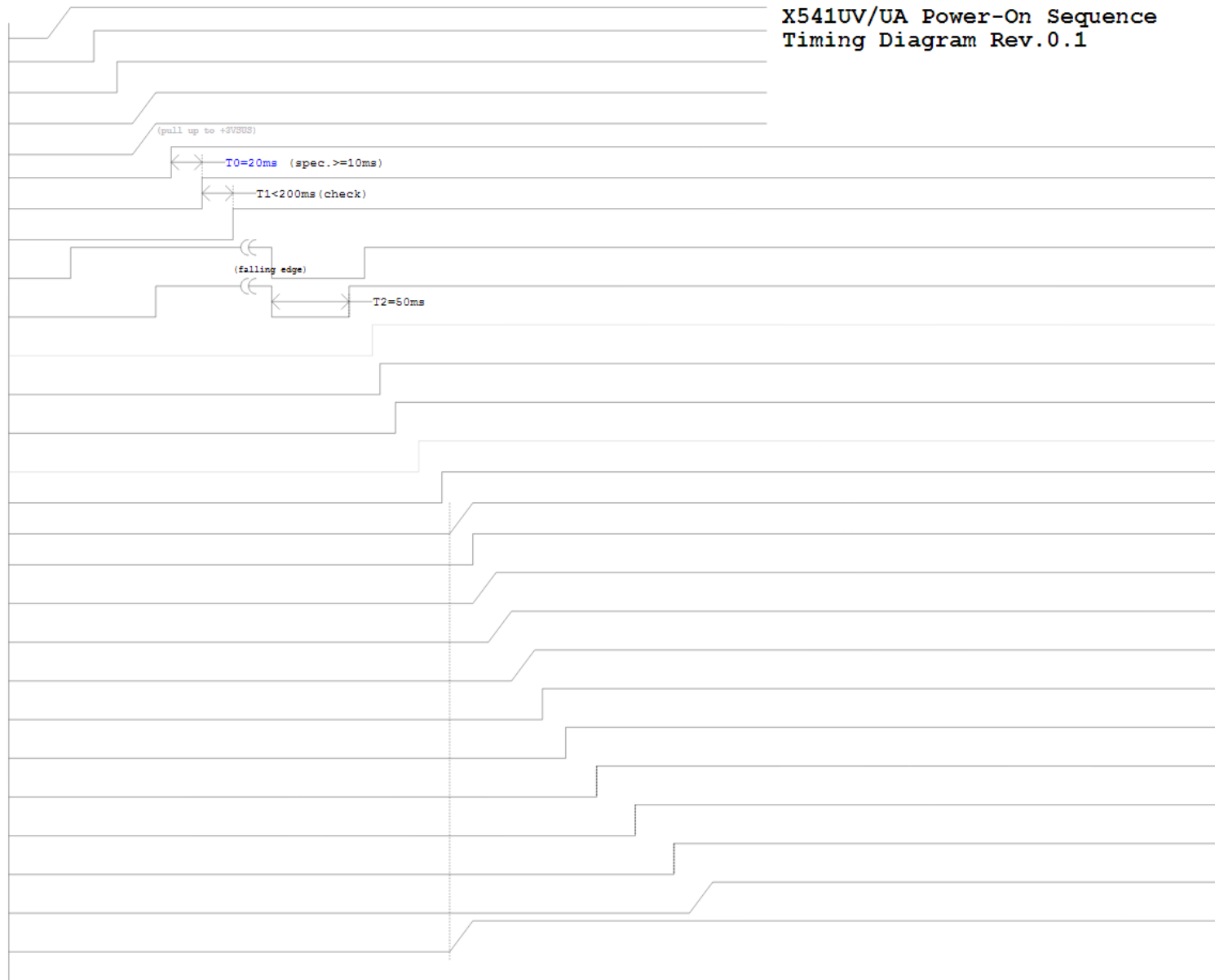
AC Mode Power On Timing



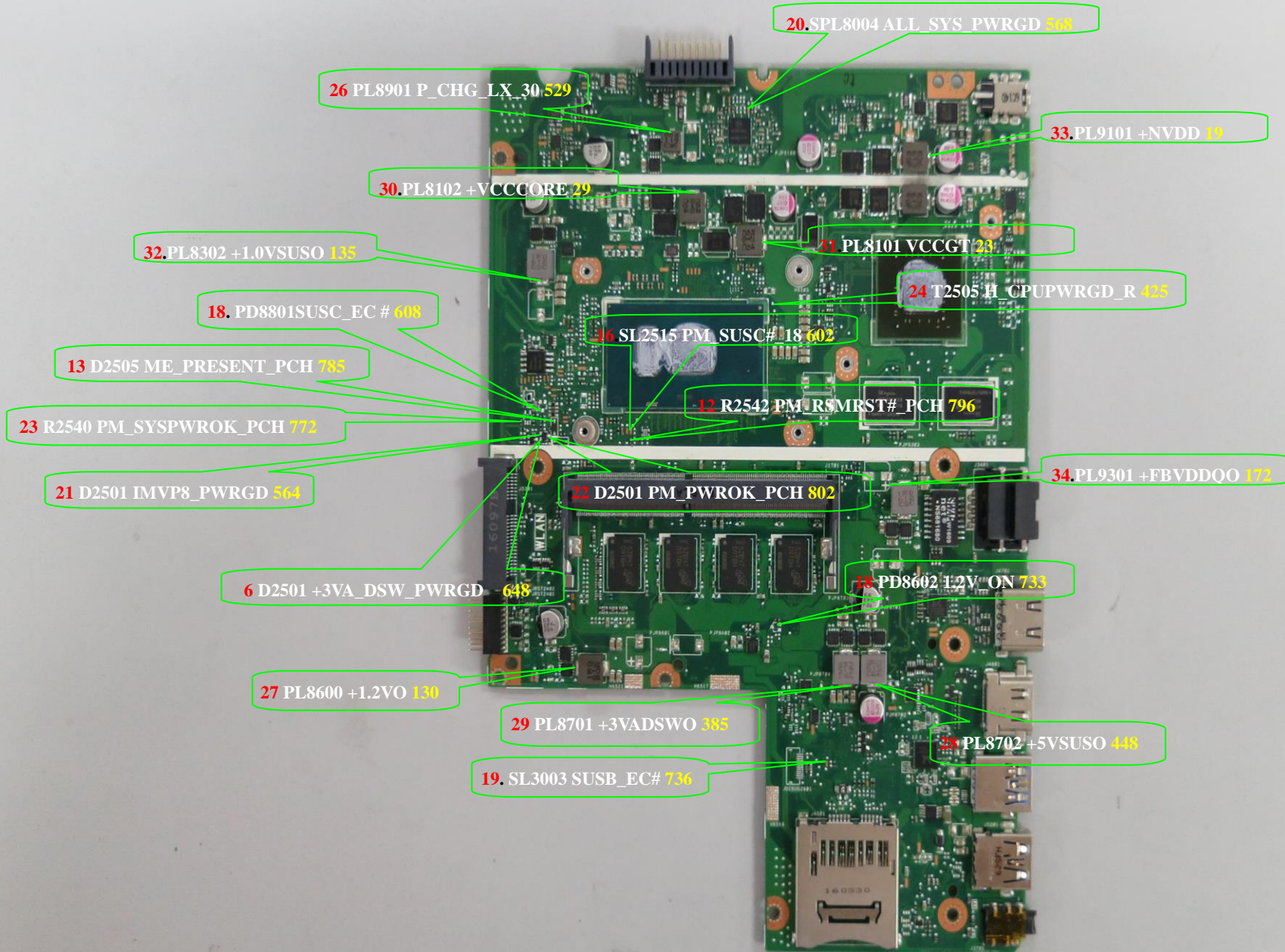
DC Mode Power On Timing

DC-IN Mode

1 +3VA/+3VA_EC
(to EC) 2 EC_RST#
(EC to power) 3 SVSUS_ON
3VA_DSW_ON
+3VA_DSW/+5VSUS/+12VSUS
(PCH to EC) 4 ME_SusPwrOnAck_R
(power to EC) 5 3VSUS_FWRGD
(EC to PCH) 6 PM_RSMRST#
(EC to PCH) 7 AC_PRESENT
(to EC) 8 PWR_SW#
(EC to PCH) 9 PM_FWRBTN#
(PCH to EC) 10 PM_SLP_A#
(PCH to EC) 11 PM_SUSC#
12 PM_SUSB#/SLP_LAN#
(PCH to EC) (PCH to power)
(EC to power) ME_SLP_M_EC#
(EC to power) 13 SUSC_EC#
+1.2V/+2.5V/+3V/+12V/+VCCST
(EC to power) 14 SUSB_EC#
+1.8VS/+3VS/+5VS/+12VS
+VCCIO/+VccSIG
VccST/VccPLL
+VCCSA
(power to EC) 15 IMVP8_FWRGD
16 ALL_SYSTEM_FWRGD
(EC to PCH) 17 PM_FWROR_PCH
(PCH to EC) PCH_SUS_STAT#
(PCH to EC) 18 FLT_RST#
+VCCGT
THERMTRIP#



Signal Measure Point-Bottom



Signal Measure Point-Top

