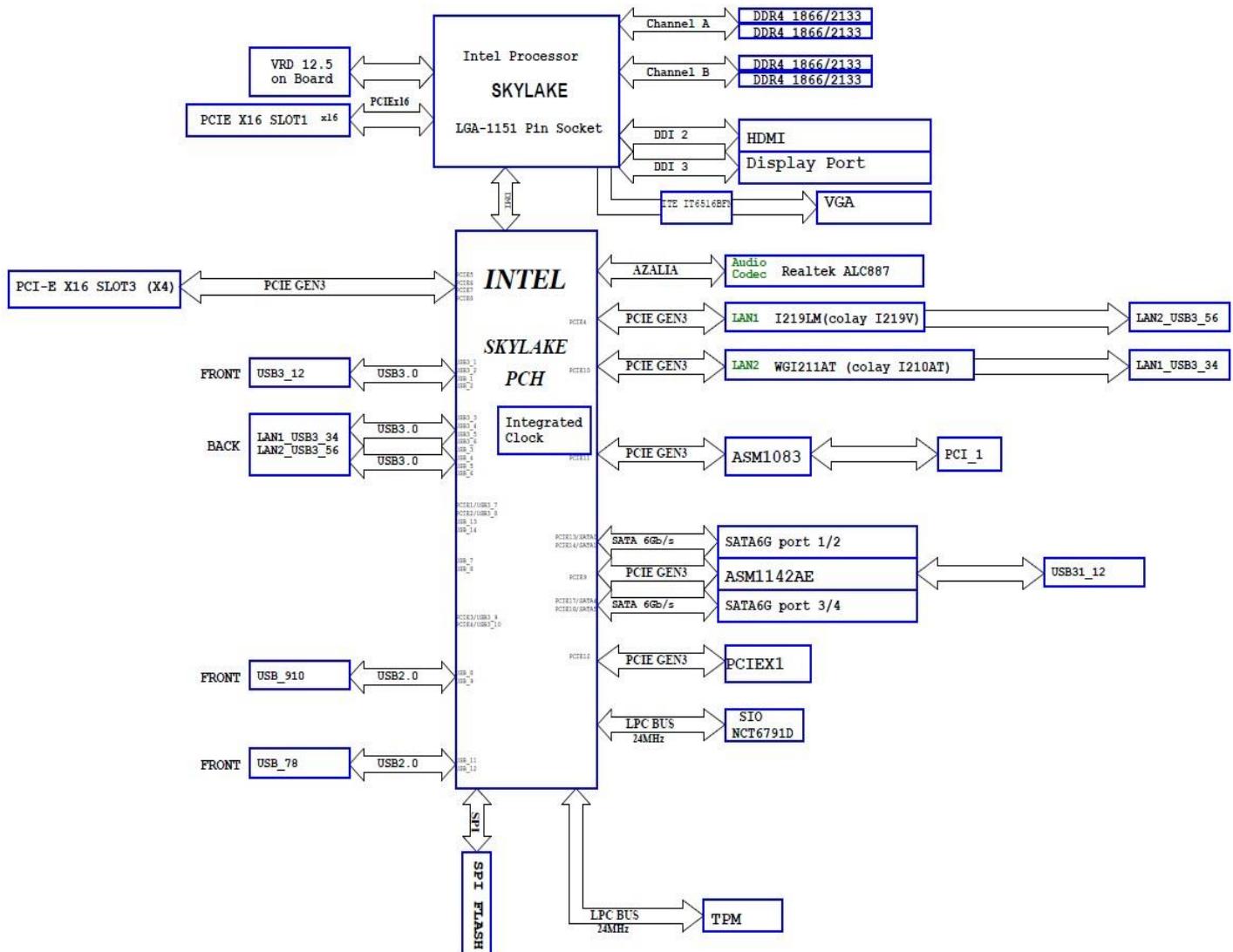


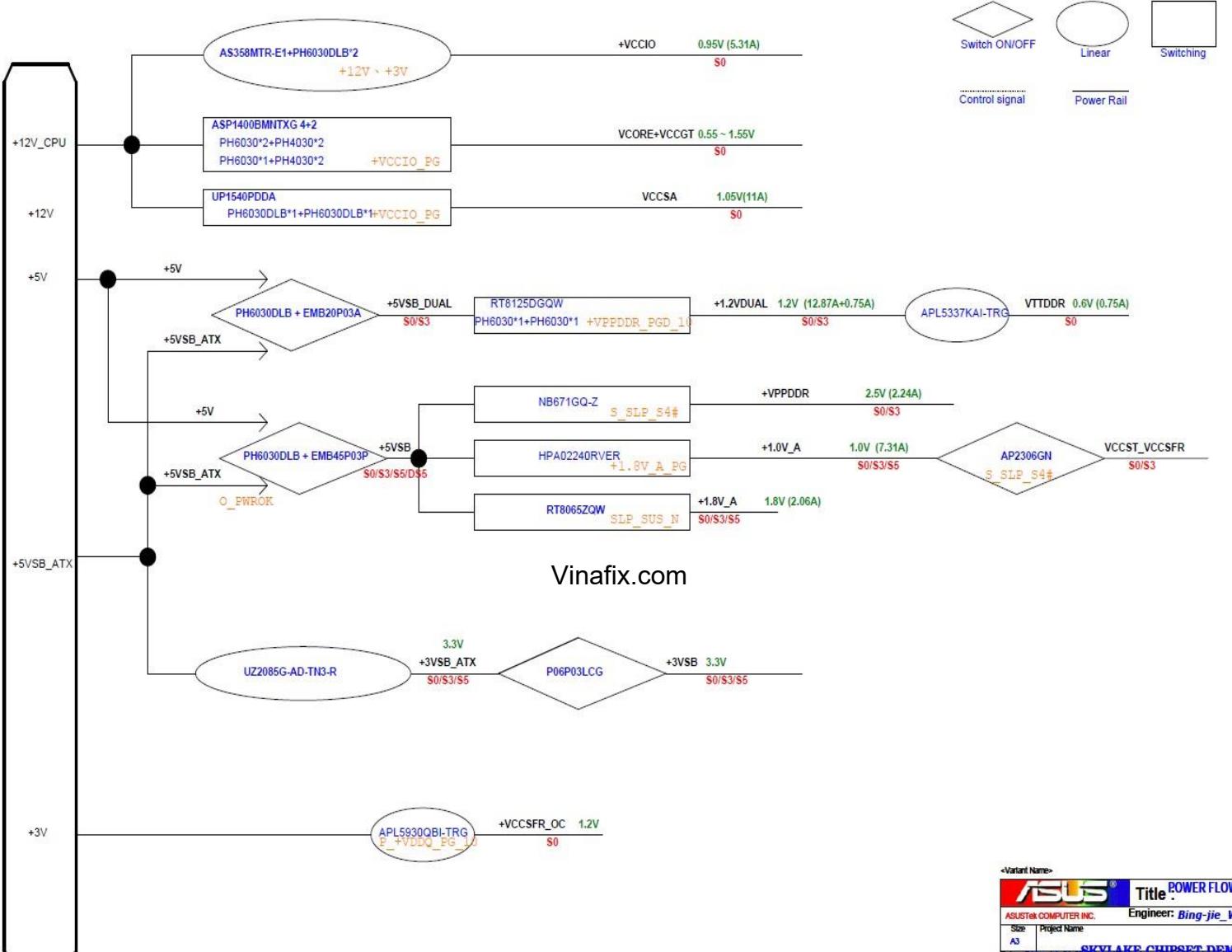
1. BLOCK DIAGRAM

SkyLake

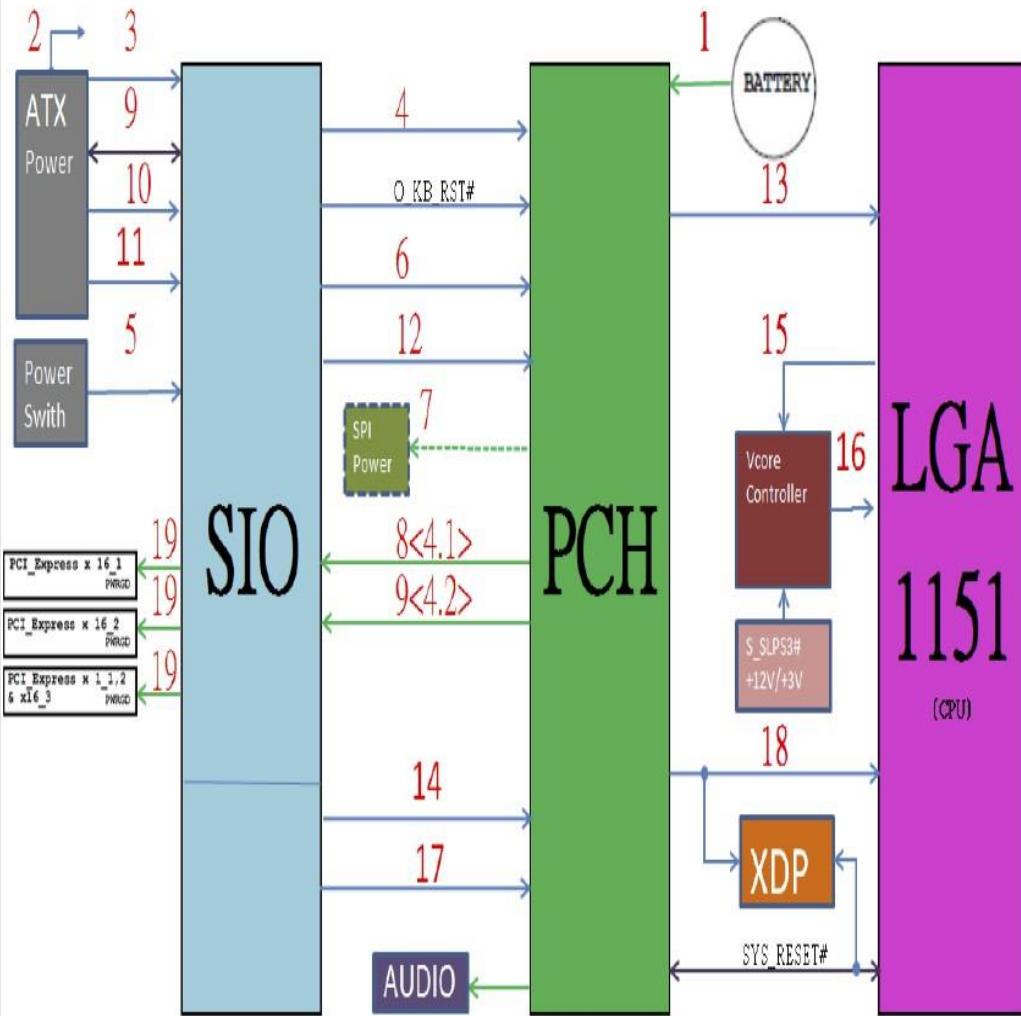
Rev 1.02 2015.07.16



2. POWER FLOW

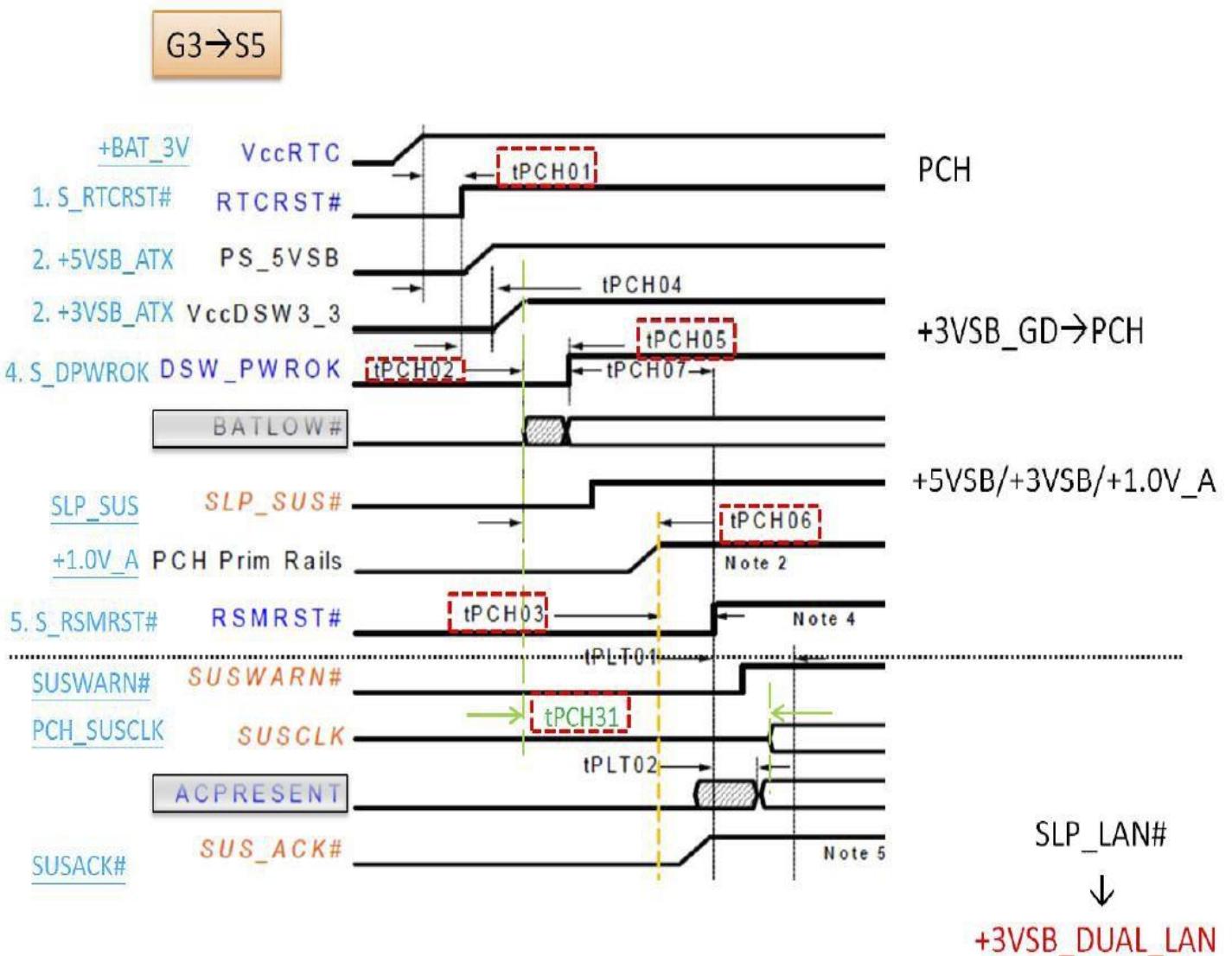


3. POWER ON SEQUENCE

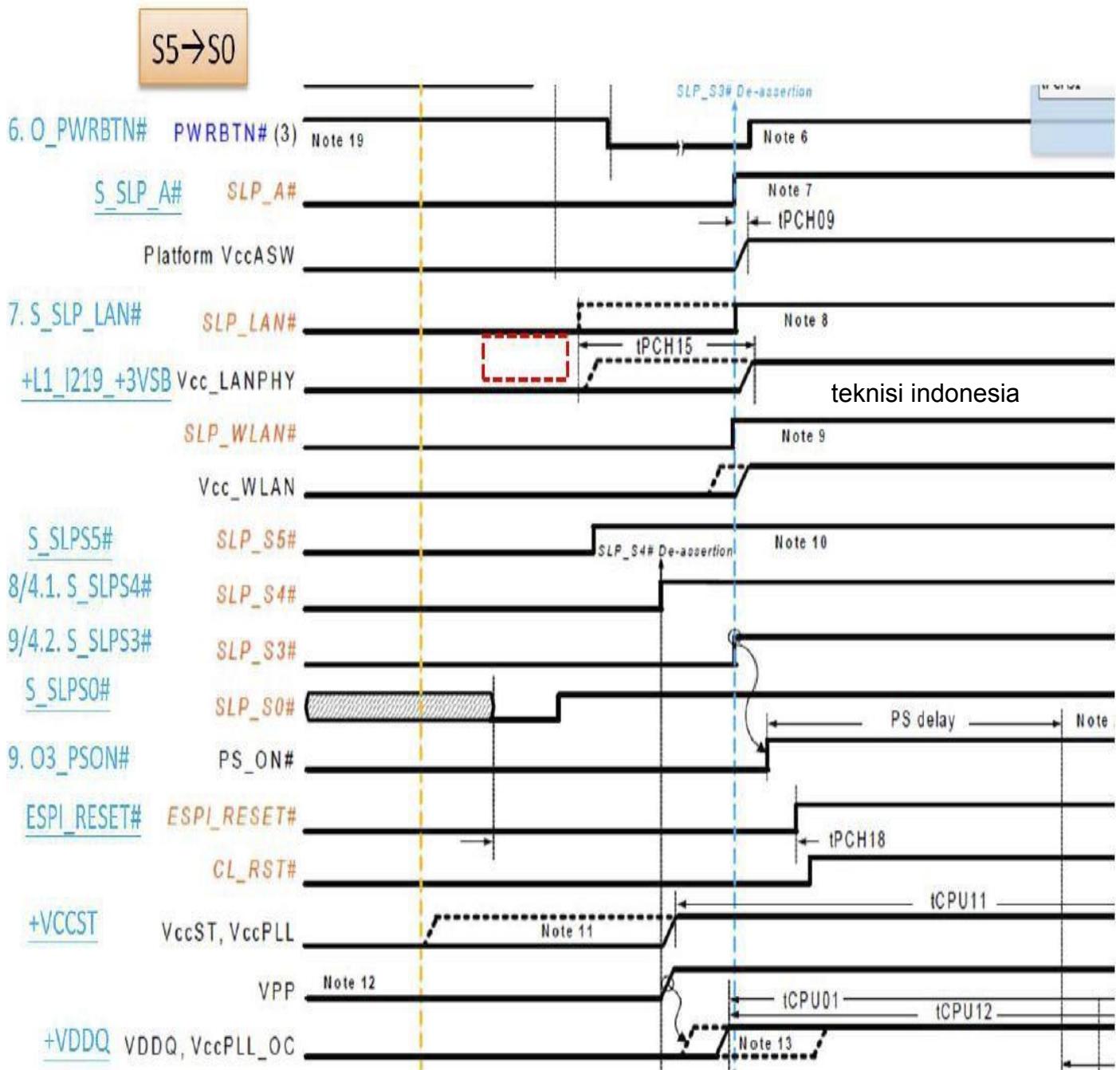


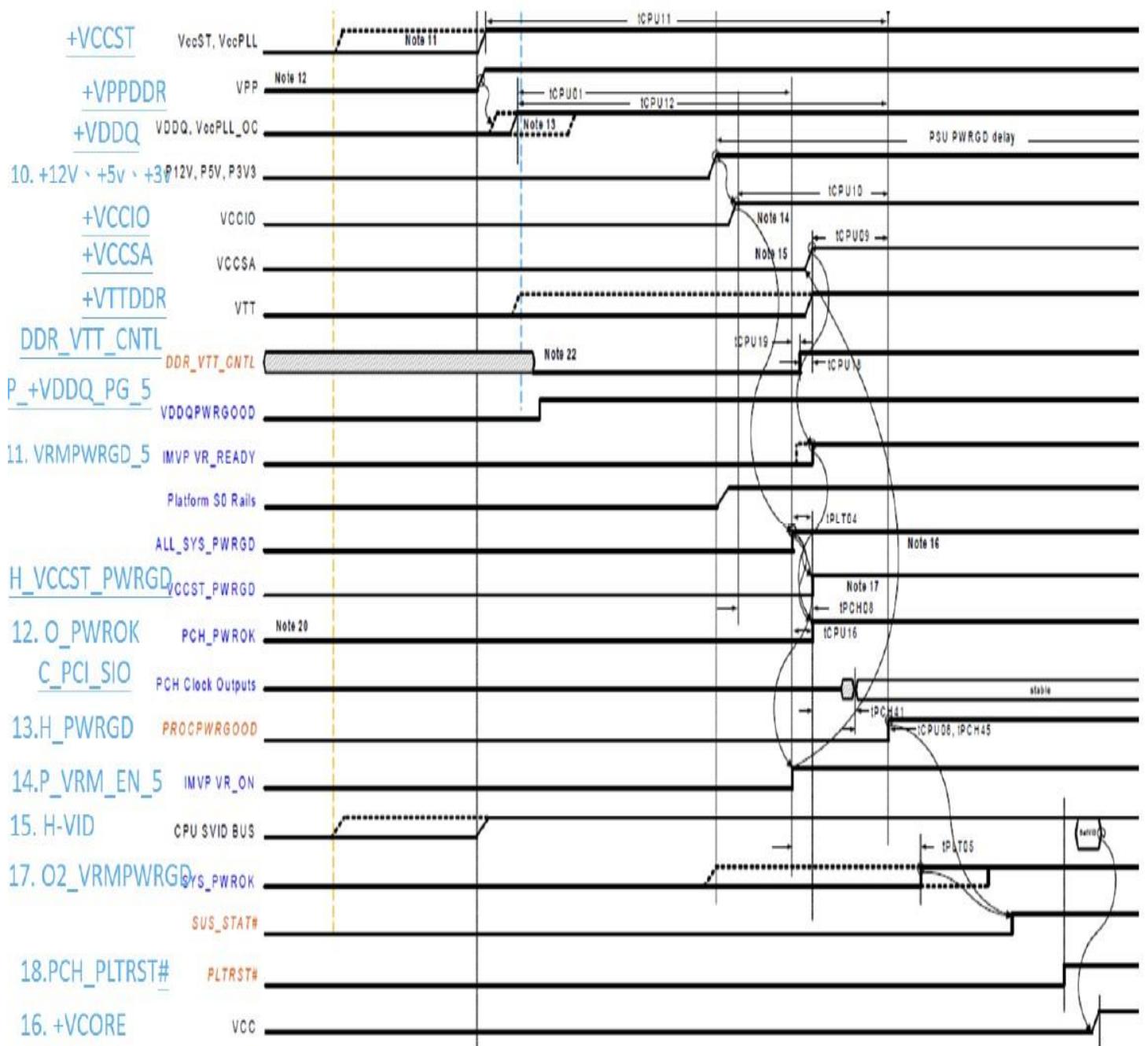
Signal Measure Point	
Sequence	Net Name
1	S_RTCRST#
2	+5VSB_ATX;+3VSB_ATX
3	+5VSB;+3VSB
4	O_RSMRST#
5	O_PWRBTN#IN
6	O_PWRBTN#
7	S_SLP_LAN#
8<4.1>	S_SLPS4#
9<4.2>	S_SLPS3#
9	O_PSON#/O3_PSON#
10	12V,5V,3V
11	VRMPWRGD_5/B_ATX_PWROK
12	O_PWROK
13	H_PWRGD
14	P_VRM_EN_5
15	H_VIDDATA/H_VIDCLK
17	O2_VRMPWRGD
18	H_CPURST#/PCH_PLTRST#
16	+VCORE
	O_PCIRST#_PCIEX16_1
	O_PCIRST#_PCIEX16_2
	O_PCIRST#_PCIEX16_3

4. Timing Diagram for G3 to S5

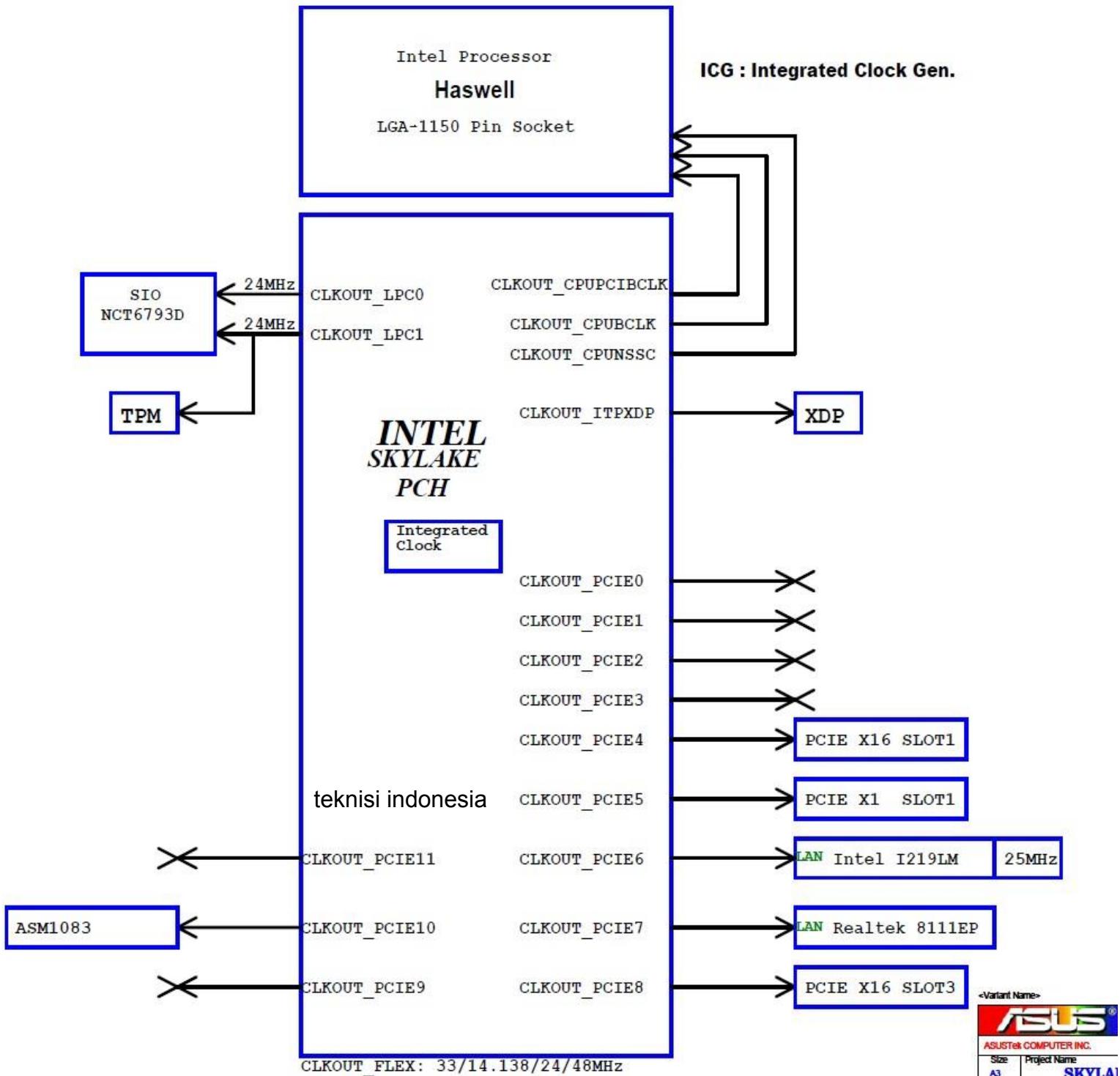


Timing Diagram for S5 to S0/M0





5. Frequency Flow



6. Voltage Measure Point

Voltage Measure Point		
Station	Net Name	Diode resistance
PU702	+3VSB_ATX	336
PQ605	+5VSB	494
PL201	+VCCGT	484
PL704	+VCCSA	508
EATX12V	12V_CPU	552
OQ760	+3VSB	320
PC550	VTT_DDR	430
EATXPWR	+5VSB_ATX	585
PQ611	+5VSB_DUAL	485
EATXPWR	+12V	491
EATXPWR	+5V	408
EATXPWR	+3V	312

7.Signal Measure Point

		Signal Measure Point	
Station	Sequence	Net Name	Diode resistance
SR119	1	S_RTCRST#	778
SR121		S_SRTCST#	778
NA	2	AC Power Switch ON	NA
PQ605	3	+5VSB	494
OQ760		+3VSB	320
SR83	3.1	S_DPWROK	35
PD701	4	O_RSMRST#	35
O1R6	5	PWRBTN#	846
O1R14	6	O_PWRBTN#R	532
SD5	7/4.2	S_SLP3#	501
NA	7	S_SLP_A#	NA
NA	7.1	S_SLP_LAN#	NA
PQ532	8/4.1	S_SLP_S4#	522
EATXPWR	9	ATX_PSON#_R	580
EATXPWR	10	+12V	491
EATXPWR		+5V	408
EATXPWR		+3V	312
NA	11	P_PWROK_PS	NA
O1R12	12	O_PWROK	27
SR75	13	H_CPUPWRGD	446
HR210	14	H_SVID_DATA	502
PR109		H_SVID_CLK	505
PC168	15	VCORE	436
SQ6	16	P_VR_READY_10	458
SR2	17	S_PLTRST#	466
ESDC3	18	H_CPURST#	430
XC74	19	O_X1_RST#	588
XC71		O_X16_RST#	582