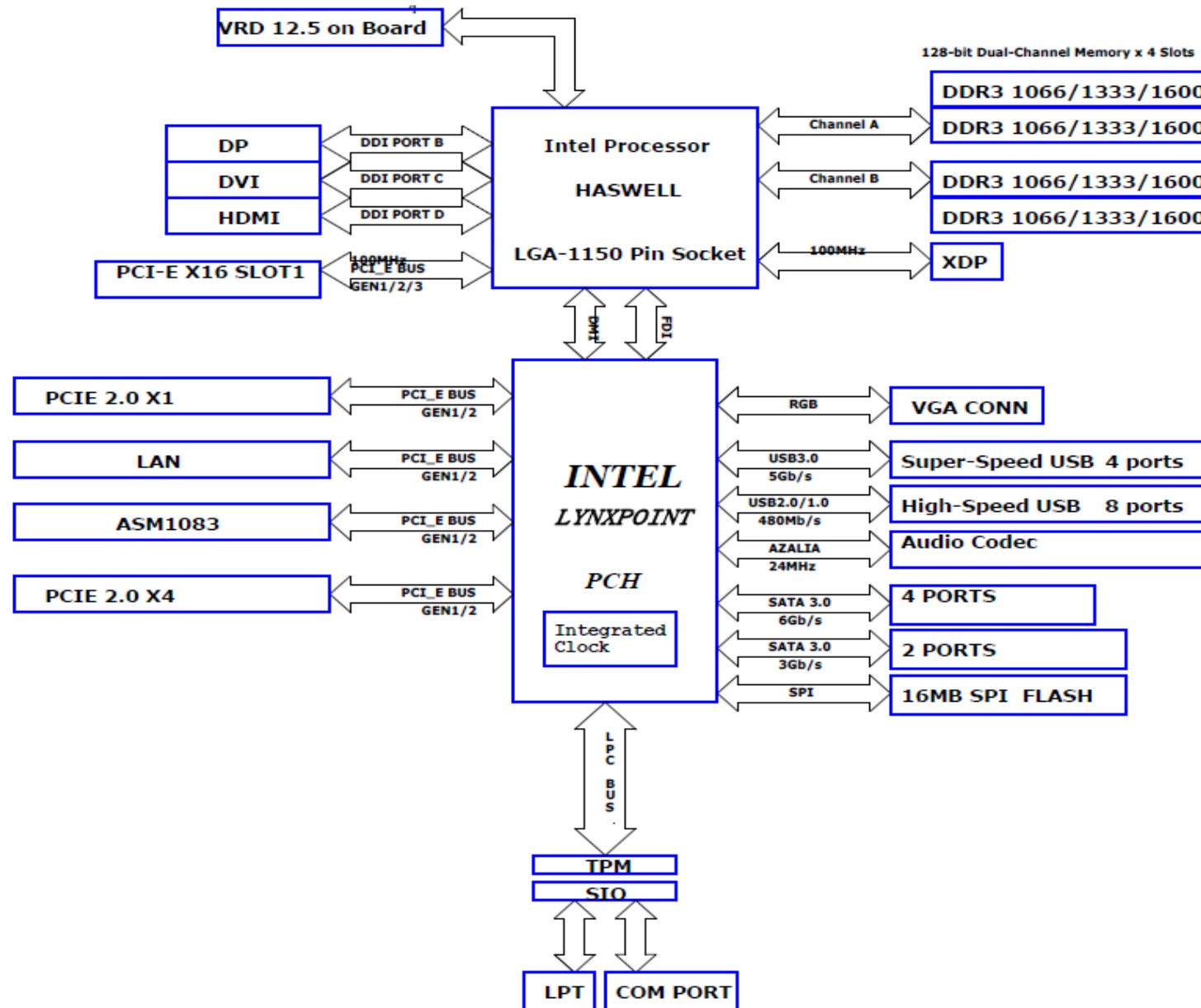


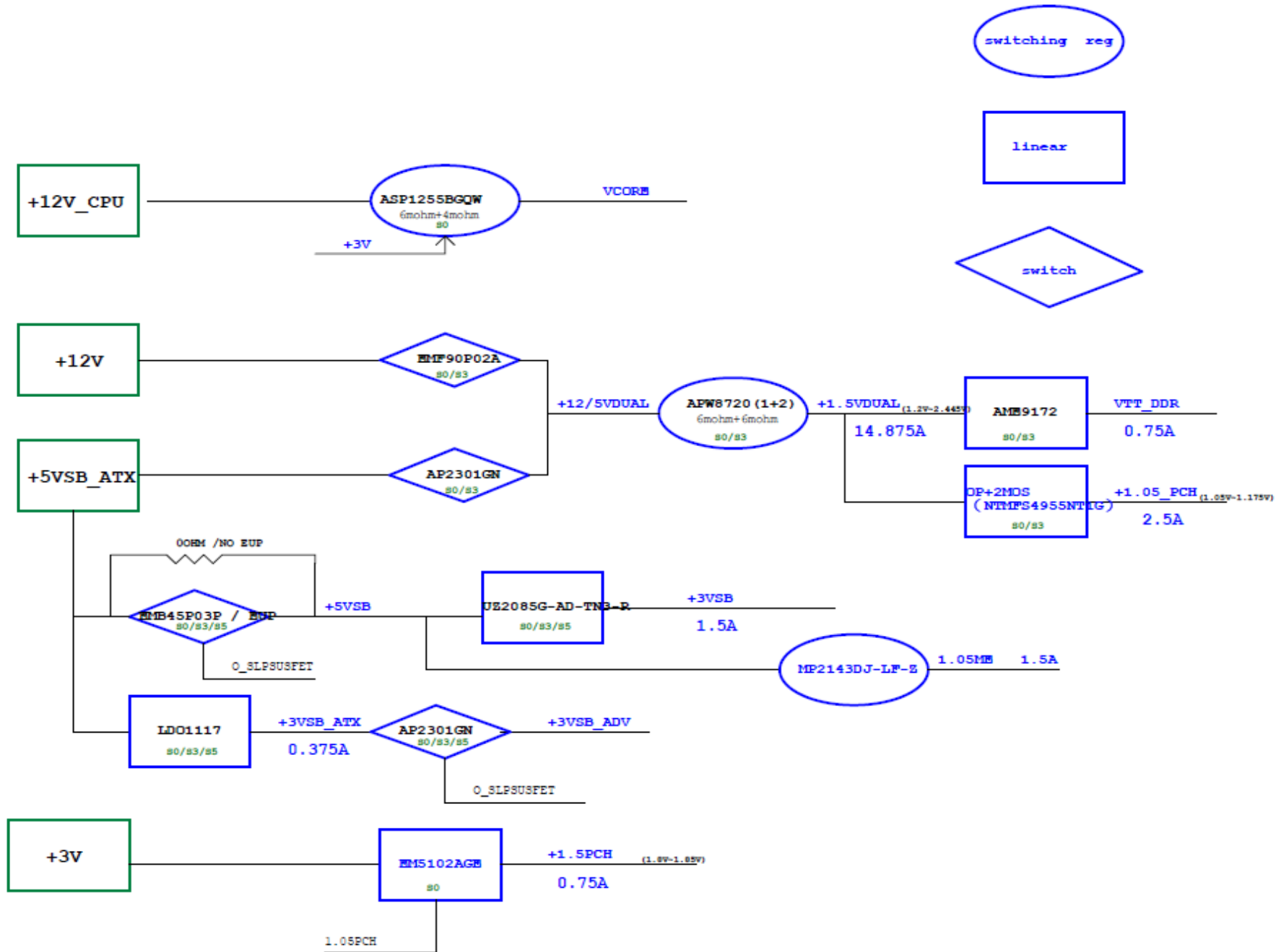
# B85M-E/DASH Repair Guide

KELLY  
GTSD

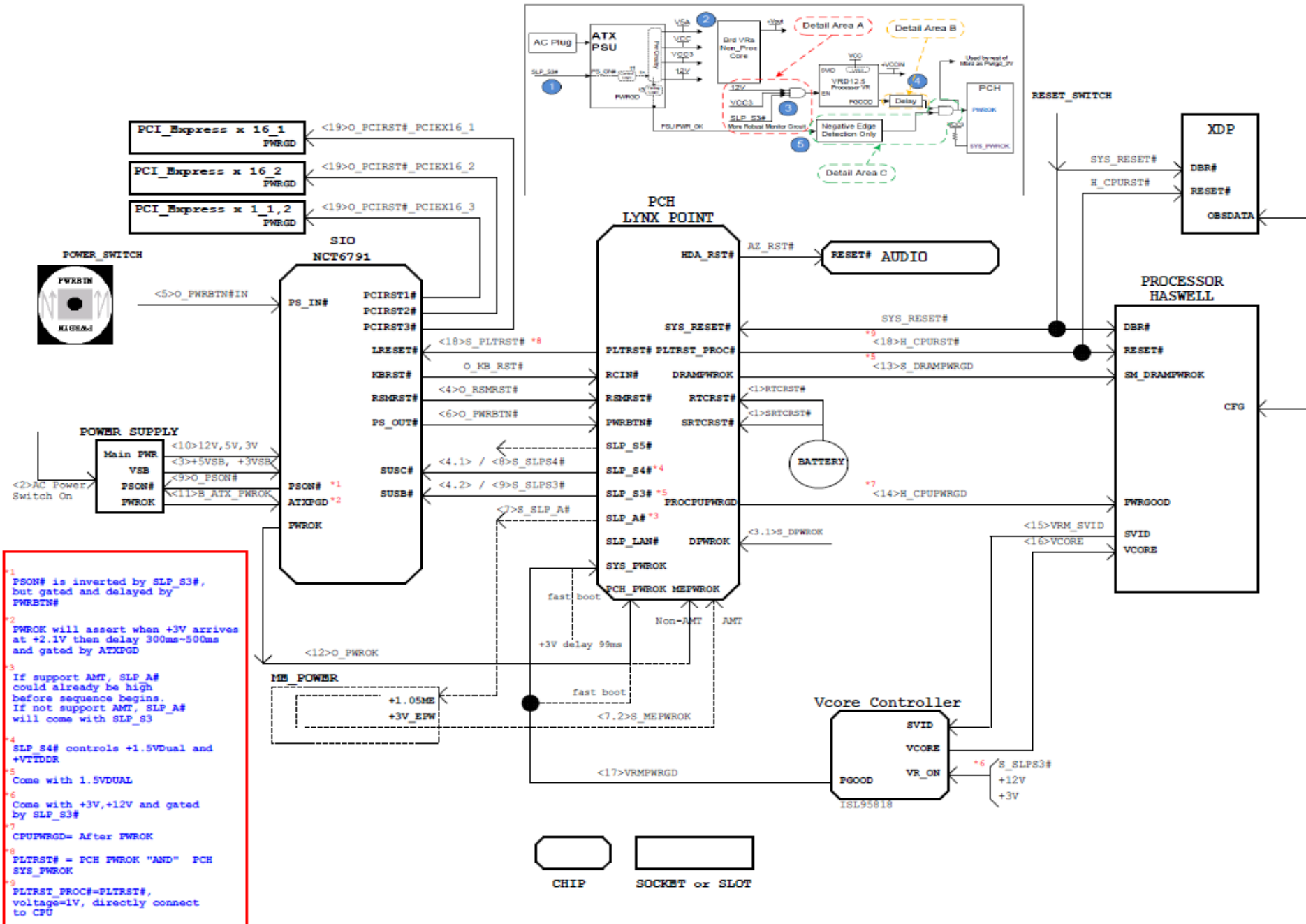
## BLOCK DIAGRAM



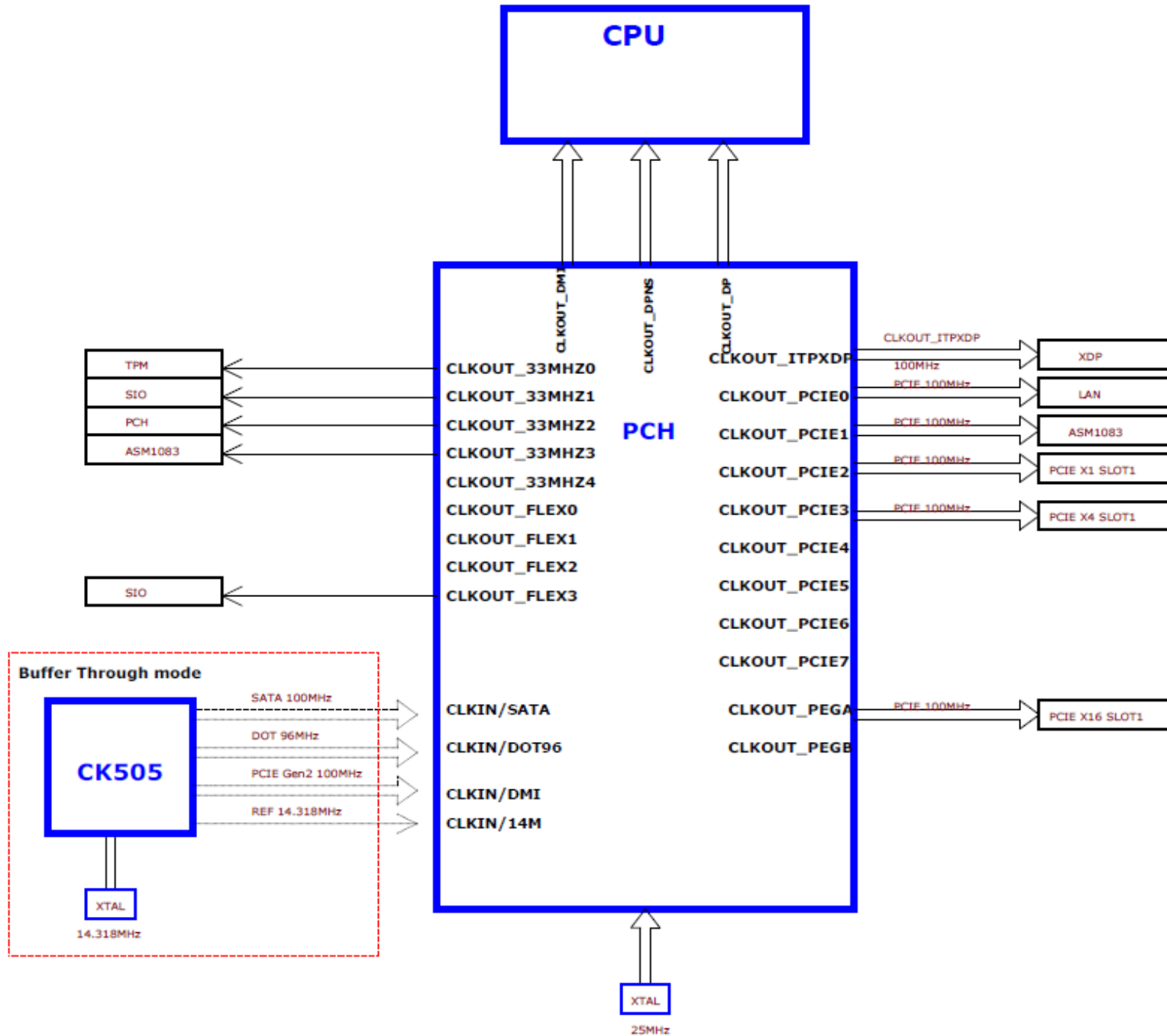
# POWER FLOW



# POWER ON SEQUENCE



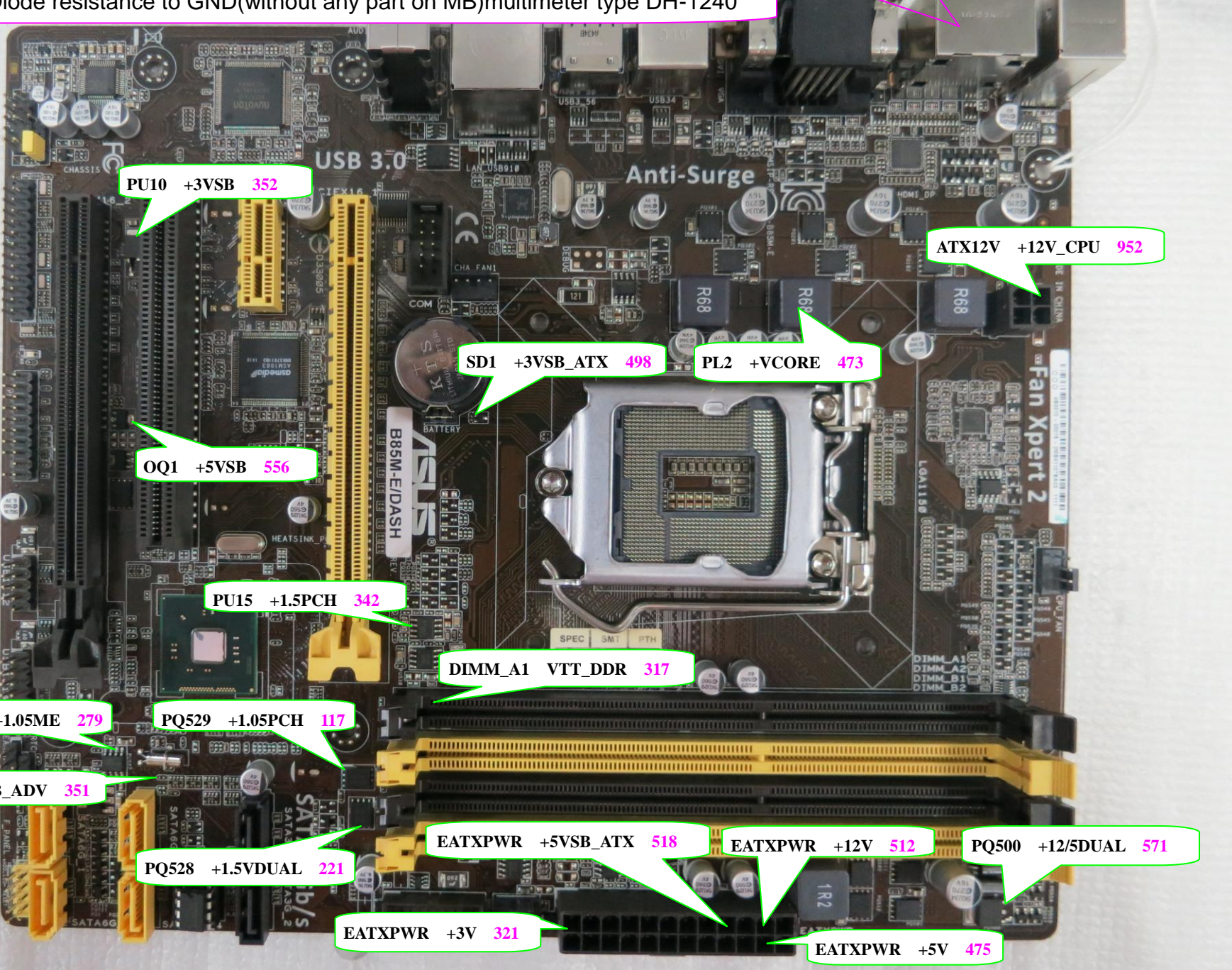
# Frequency Flow



# Voltage Measure Point

multi meter "VΩ mA" port touch GND

Pink number is Diode resistance to GND(without any part on MB)multimeter type DH-1240



PU10 +3VSB 352

ATX12V +12V\_CPU 952

SD1 +3VSB\_ATX 498

PL2 +VCORE 473

OQ1 +5VSB 556

PU15 +1.5PCH 342

DIMM\_A1 VTT\_DDR 317

PU902 +1.05ME 279

PQ529 +1.05PCH 117

SR229 +3VSB\_ADV 351

PQ528 +1.5VDUAL 221

EATXPWR +3V 321

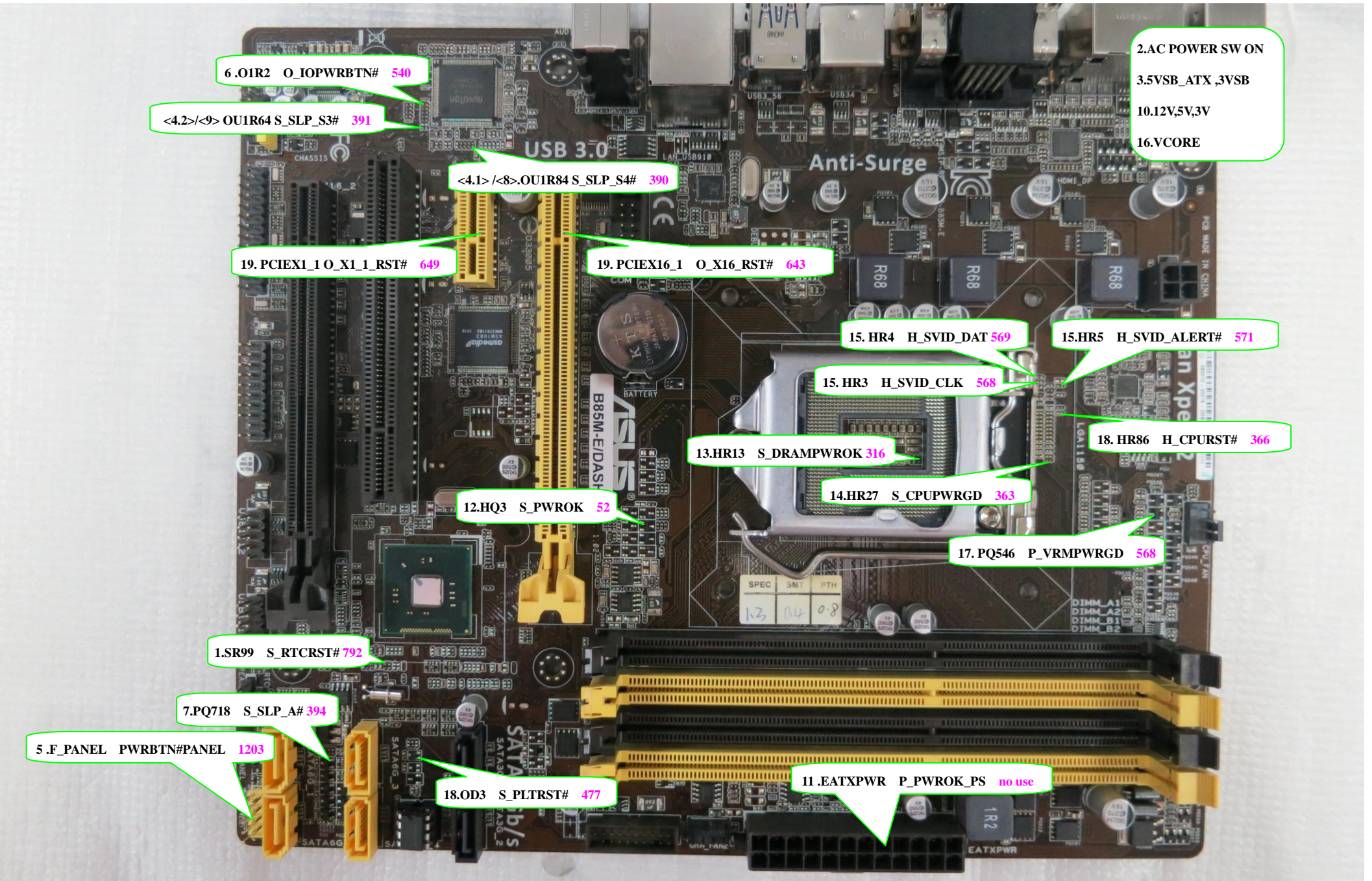
EATXPWR +5VSB\_ATX 518

EATXPWR +12V 512

EATXPWR +5V 475

PQ500 +12/5DUAL 571

# Signal Measure Point



6.O1R2 O\_IOPWRBTN# 540

<4.2>/<9> OU1R64 S\_SLP\_S3# 391

<4.1> /<8>.OU1R84 S\_SLP\_S4# 390

19. PCIEX1\_1 O\_X1\_1\_RST# 649

19. PCIEX16\_1 O\_X16\_RST# 643

15. HR4 H\_SVID\_DAT 569

15.HR5 H\_SVID\_ALERT# 571

15. HR3 H\_SVID\_CLK 568

13.HR13 S\_DRAMPWROK 316

18. HR86 H\_CPURST# 366

12.HQ3 S\_PWROK 52

14.HR27 S\_CPUPWRGD 363

17. PQ546 P\_VRMPWRGD 568

1.SR99 S\_RTCRST# 792

7.PQ718 S\_SLP\_A# 394

5.F\_PANEL PWRBTN#PANEL 1203

18.OD3 S\_PLTRST# 477

11.EATXPWR P\_PWROK\_PS no use

- 2.AC POWER SW ON
- 3.5VSB\_ATX\_3VSB
- 10.12V,5V,3V
- 16.VCORE