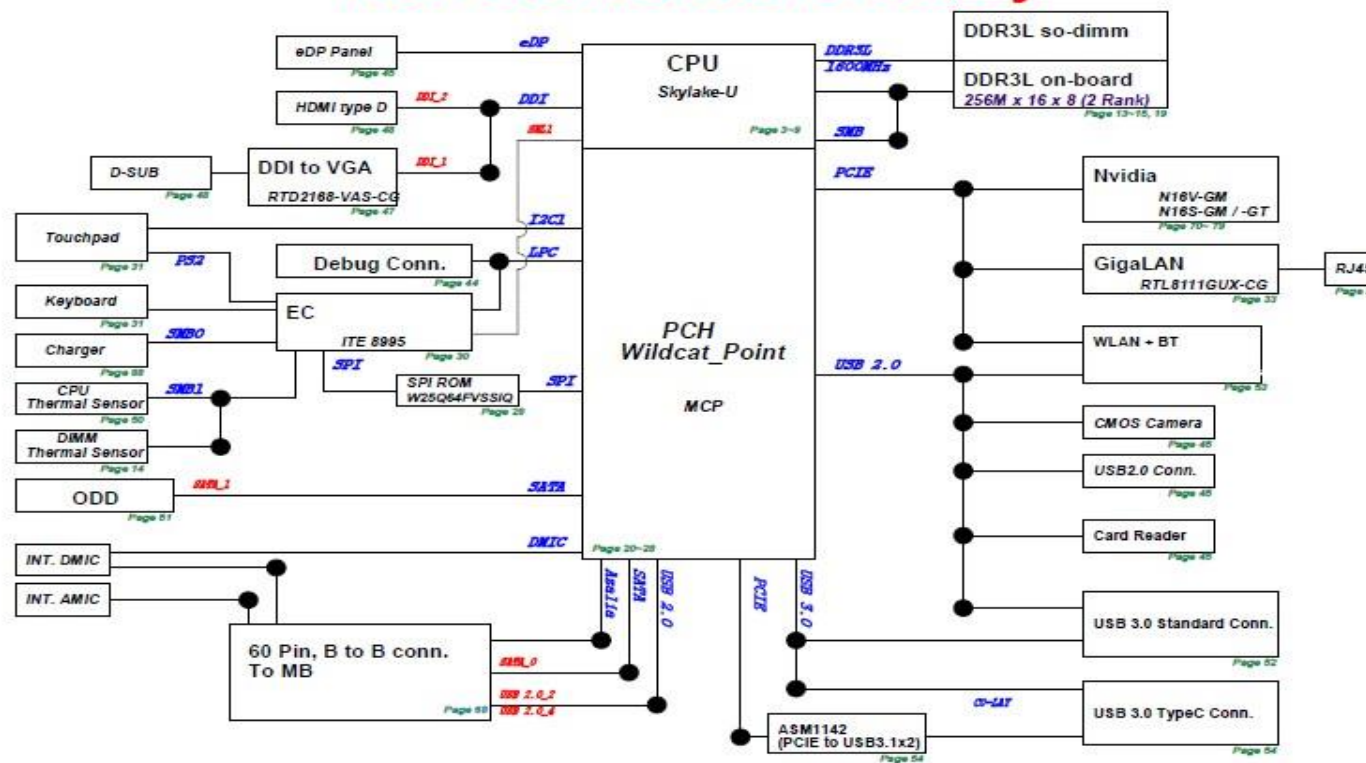


## ***X556 SCHEMATIC Revision 1.0***

(UA : UMA)  
(UJ : DGPU = Nvidia N16V-GM)  
(UF : DGPU = Nvidia N16S-GM)  
(UB : DGPU = Nvidia N16S-GT)

## Non Connected Standby

### BLOCK DIAGRAM



## Power

+VCCCGT  
+VCCCORE  
+VCCSA

Page 80 & 81

+1.0VSUS / +1.8VSUS

Page 83

+VCCPRIM\_CORE

Page 84

+1.35V / +0.675VS

Page 85

+3VADSW/+5VSUS

Page 86

Load Switch

Page 87

Charger

Page 88

+NVDD

Page 89

## HDD BD.

60 Pin, B to B conn.  
To MB

HDD conn *SATA\_0*

30 Pin FPC Conn.  
To MB

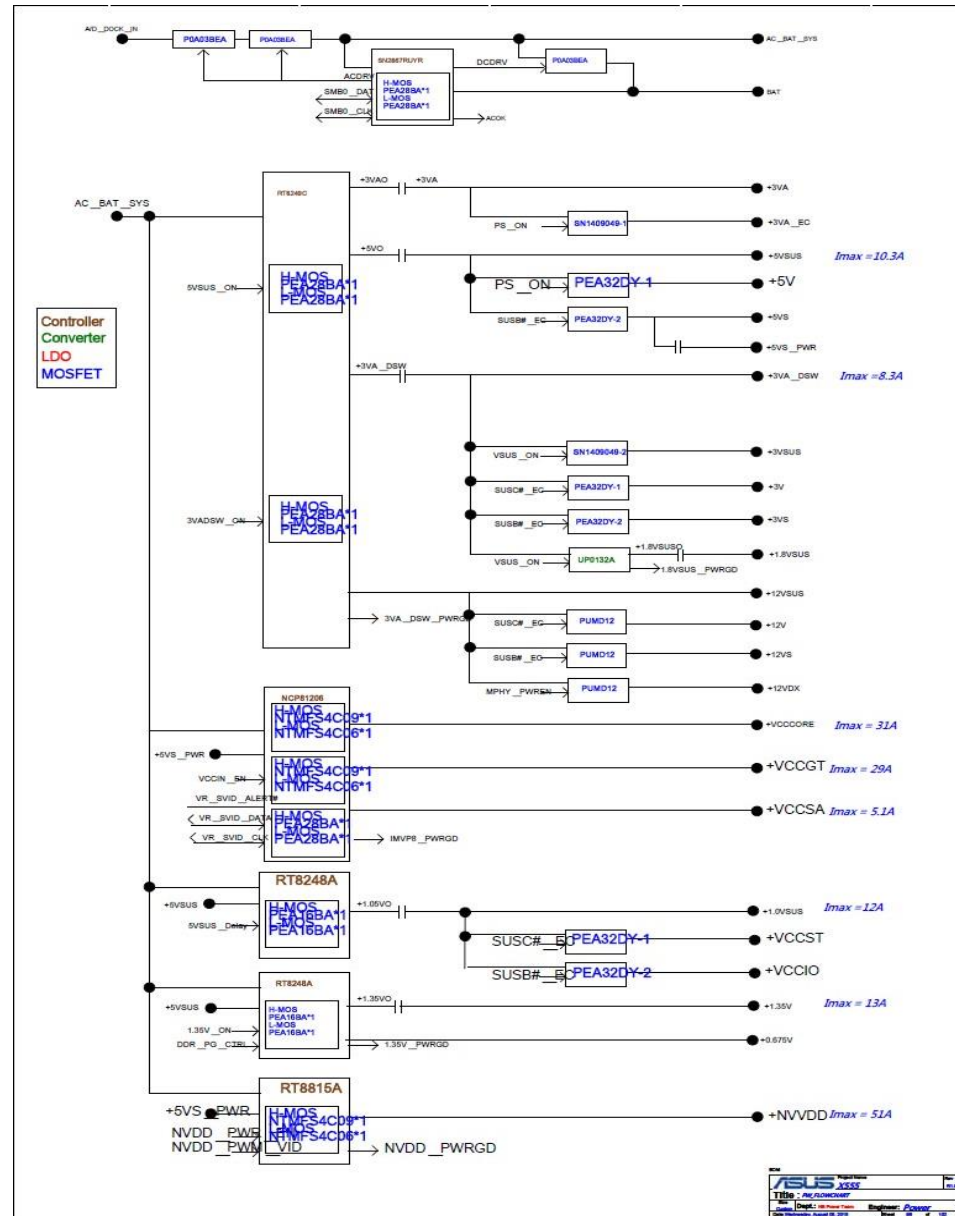
IO BD.

30 Pin FPC Conn.  
To MB

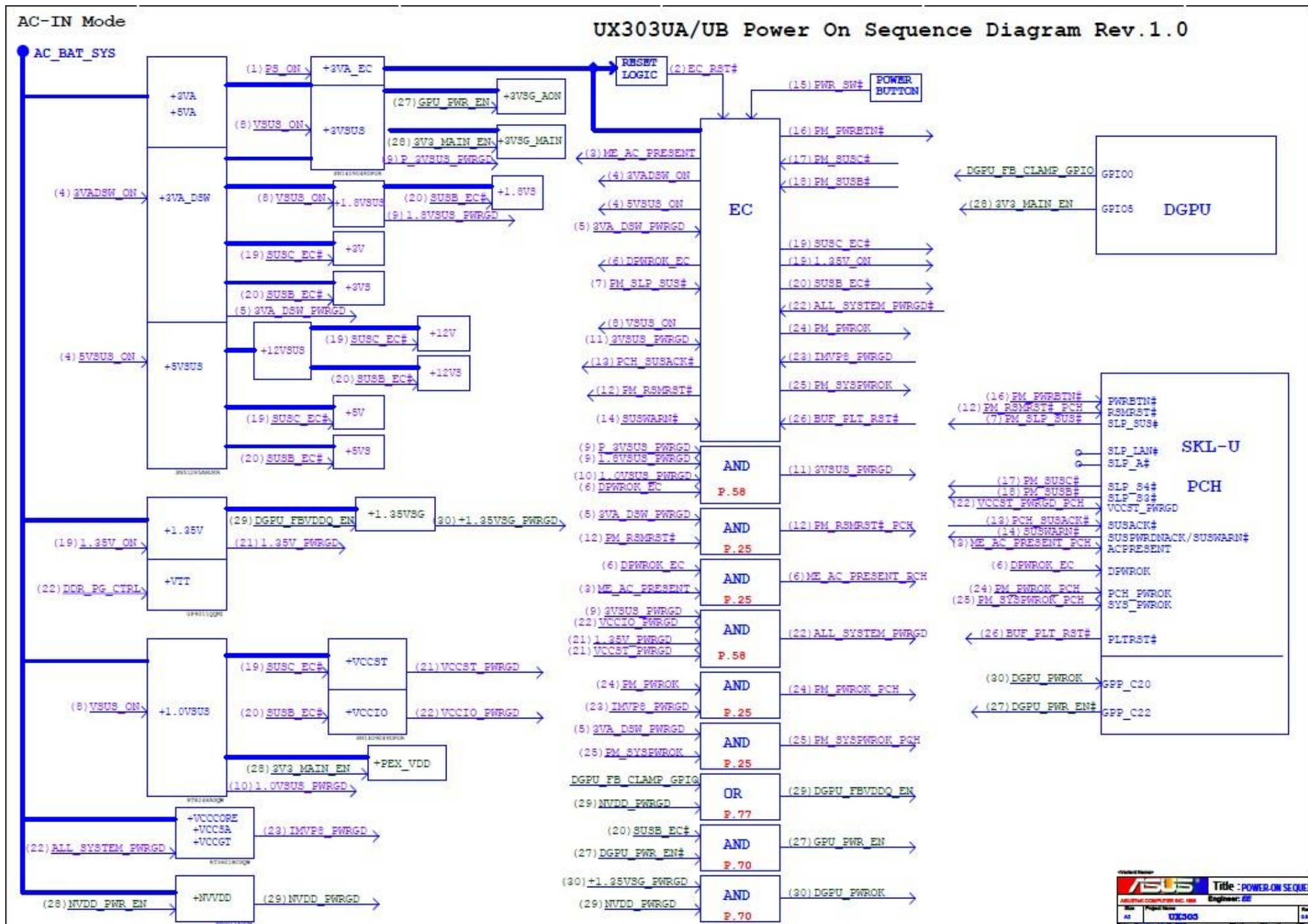
CardReader

**Audio Jack**

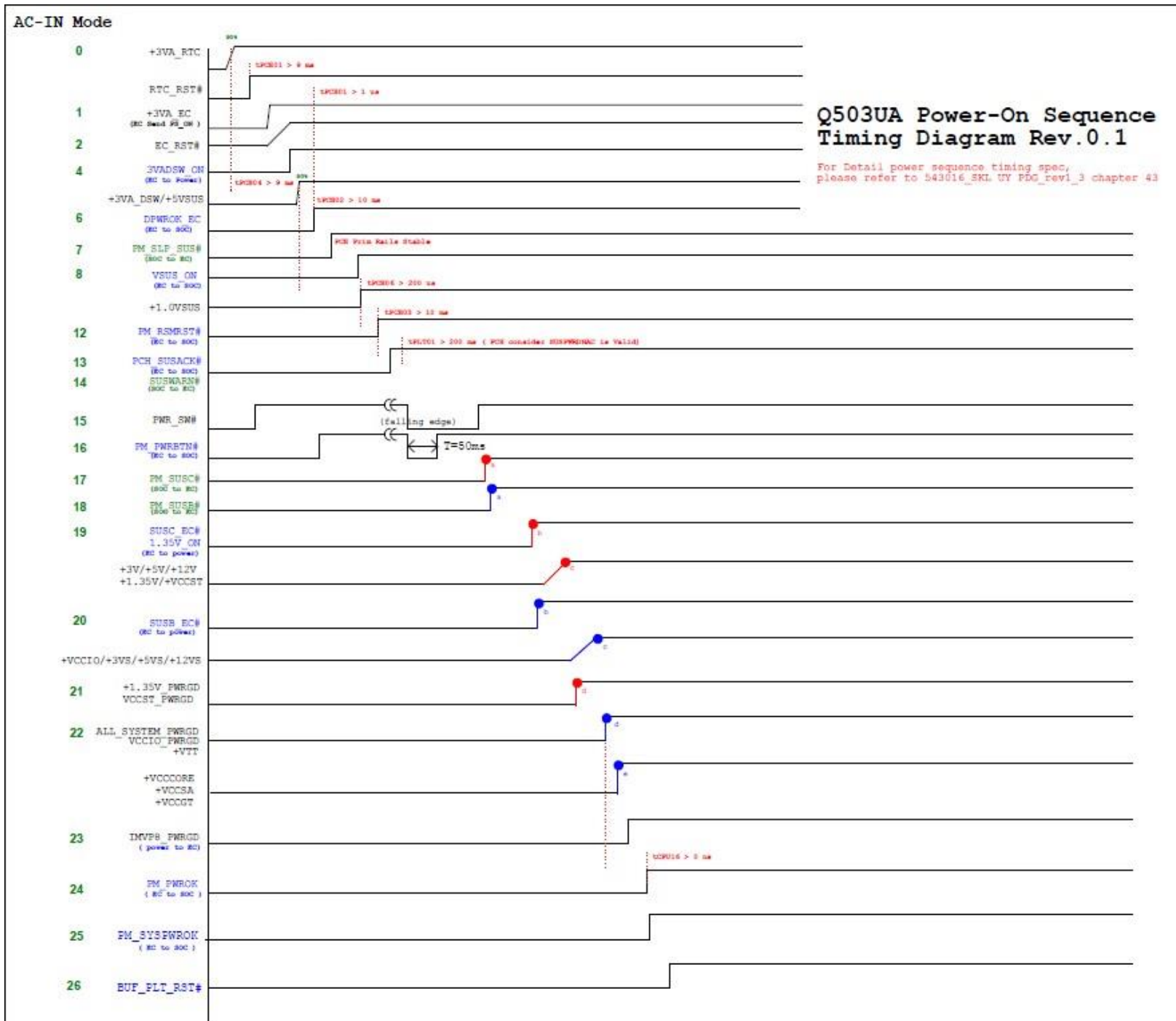
# POWER FLOW



## POWER ON SEQUENCE

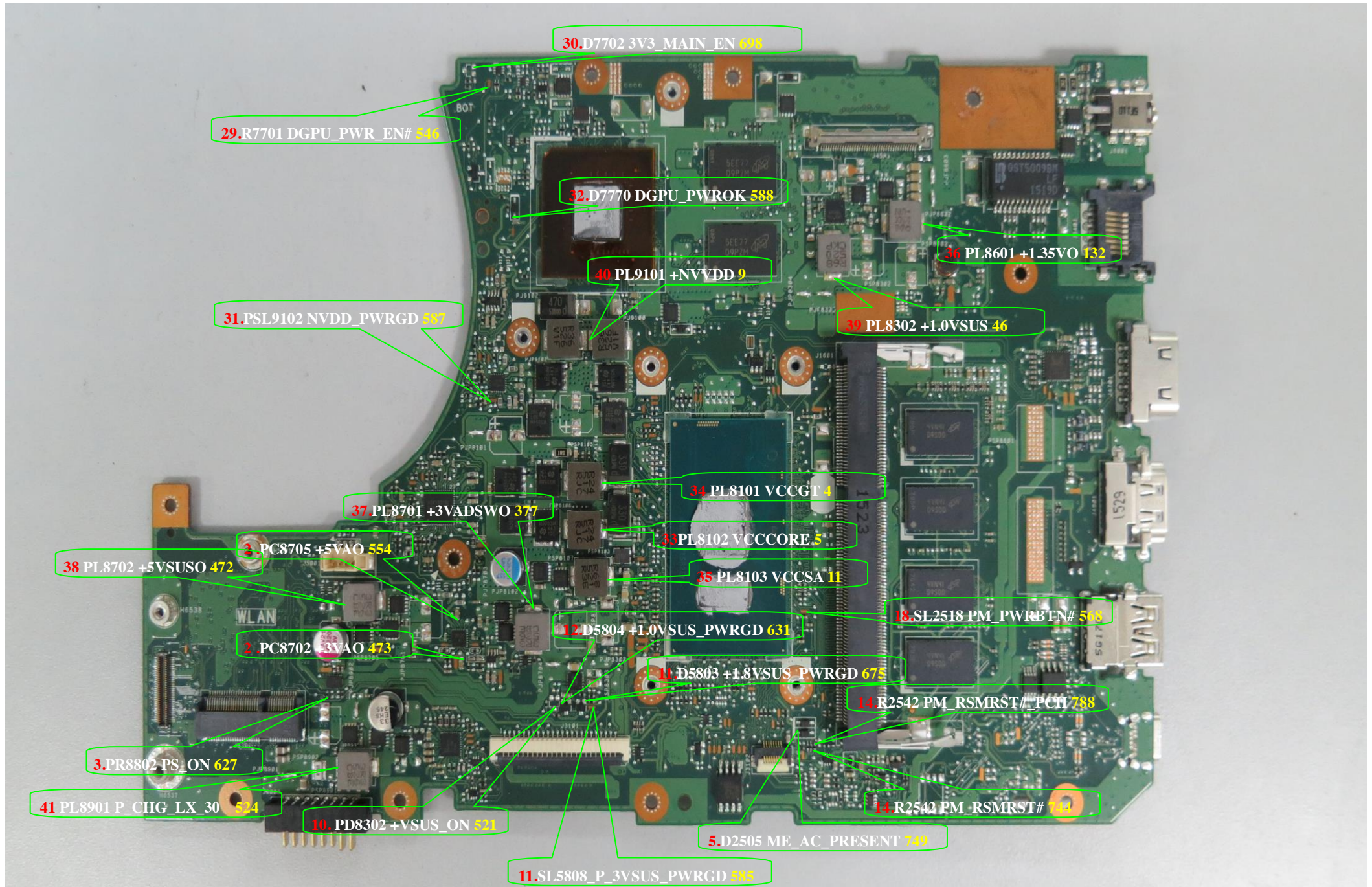


## AC POWER ON SEQUENCE





## Signal Measure Point-Bottom





# Signal Measure Point-Top

[www.vinafix.vn](http://www.vinafix.vn)

