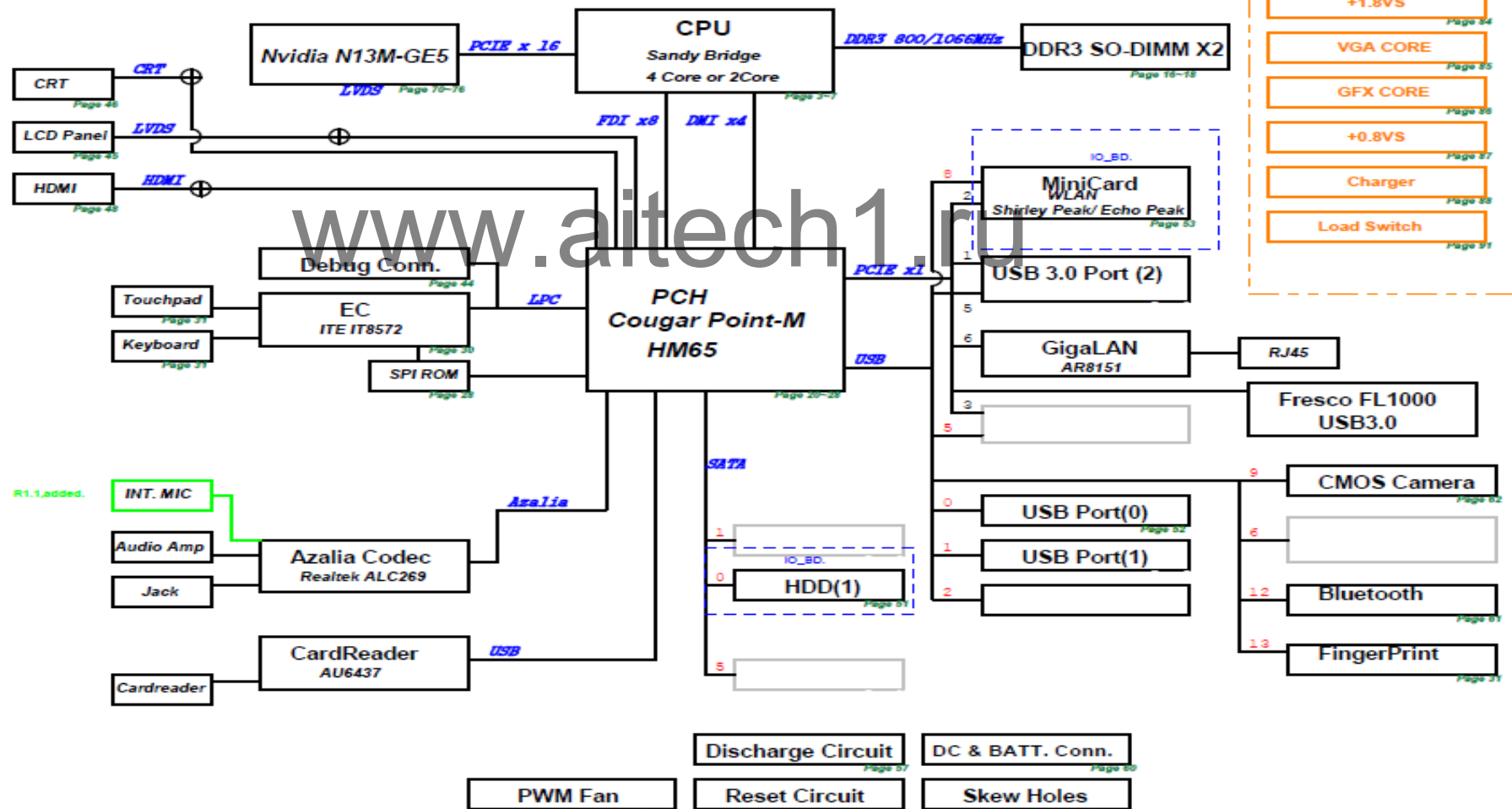


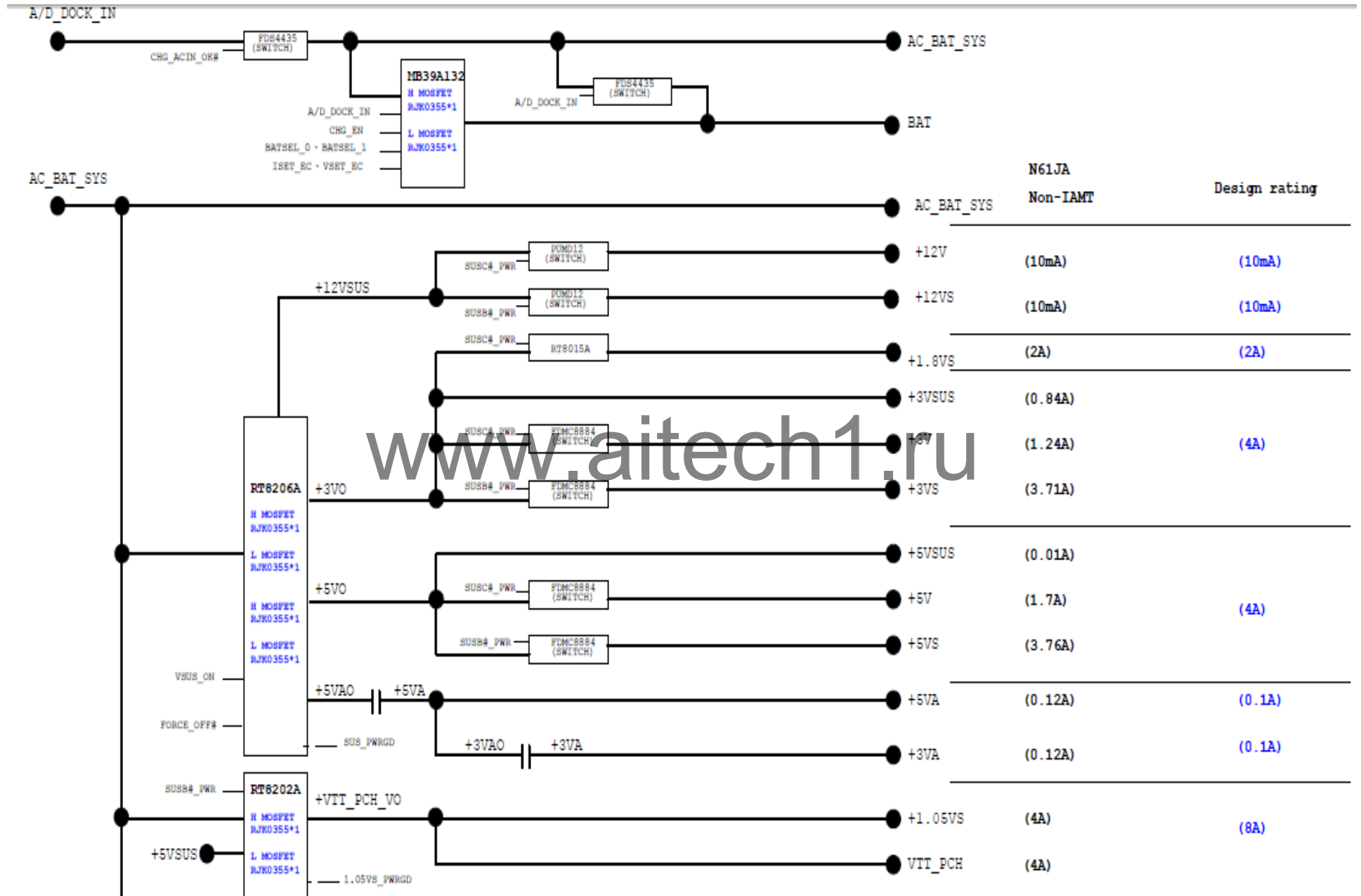
# U44SG Repair Guide

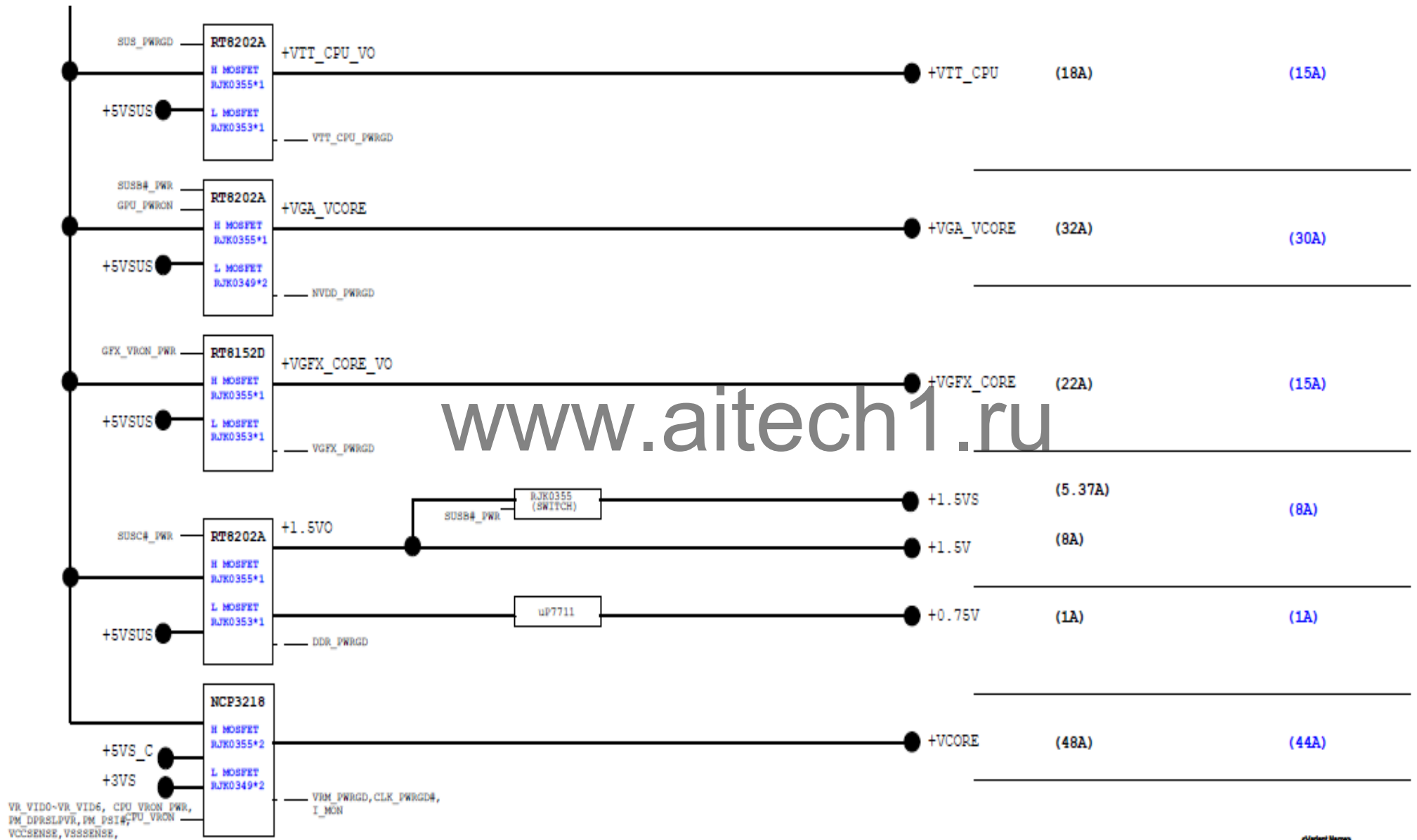
## U36SG SCHEMATIC Revision 2.1

### BLOCK DIAGRAM



# POWER FLOW

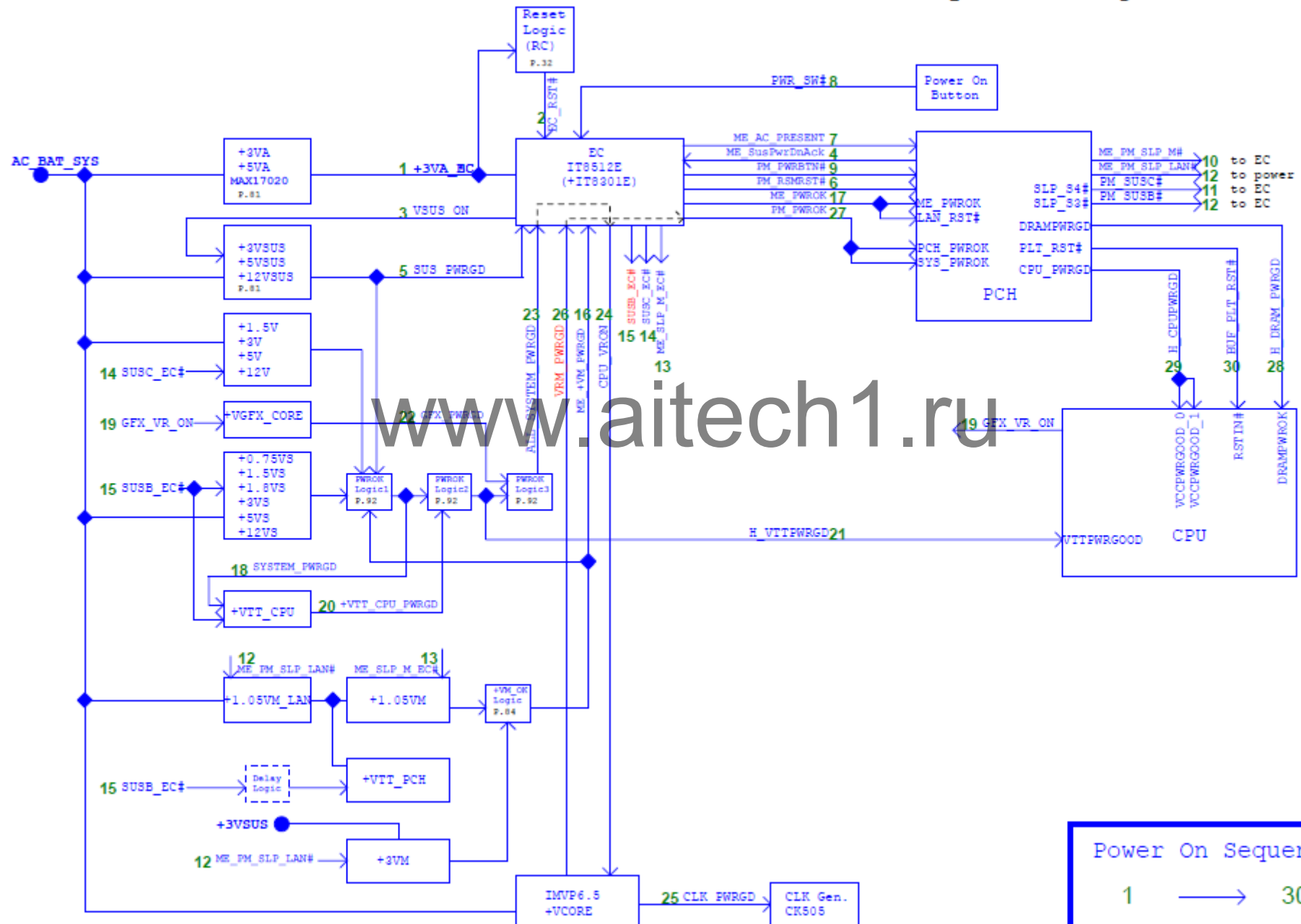




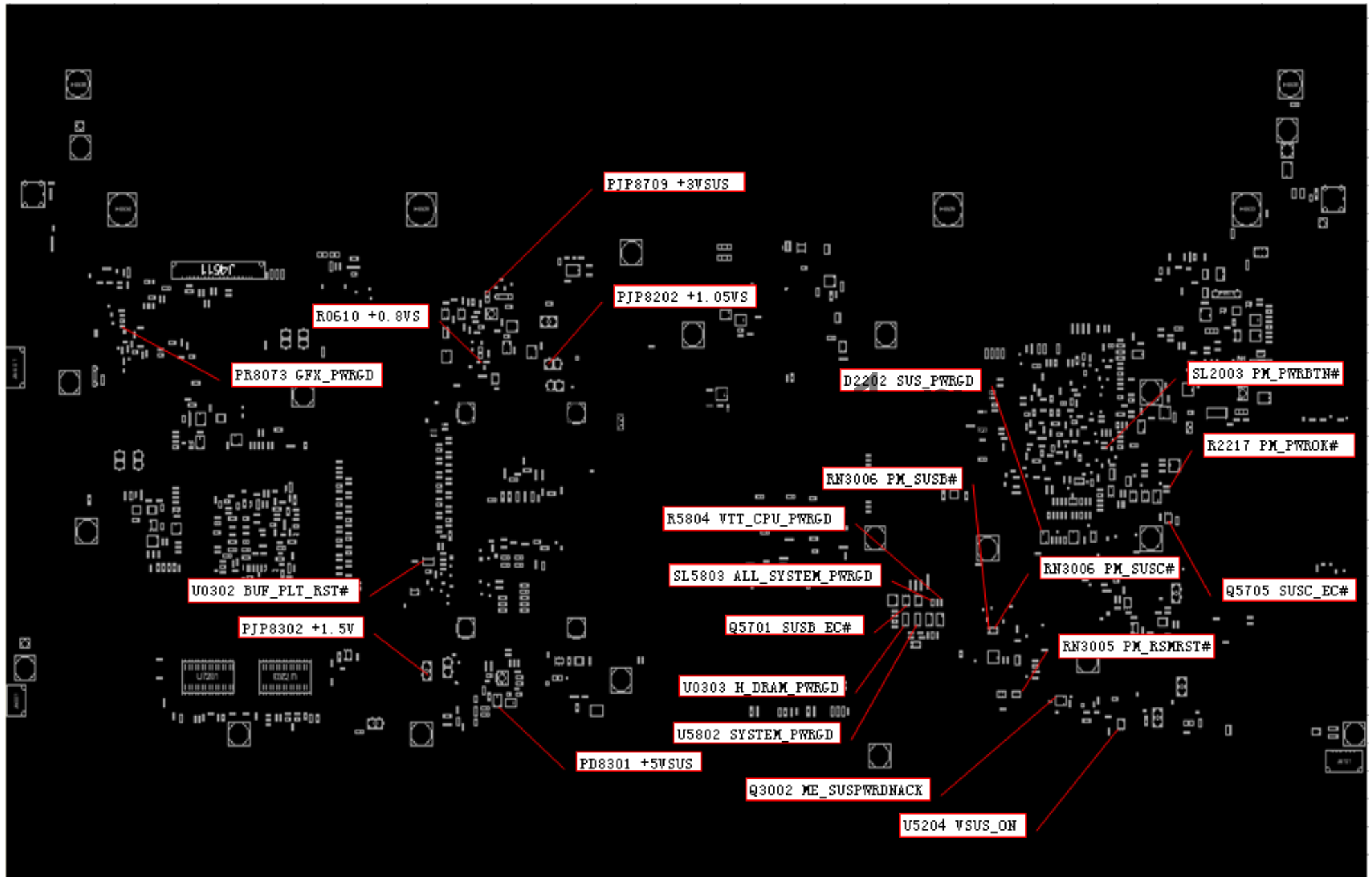
# POWER ON SEQUENCE

AC-IN Mode

M52J Power On Sequence Diagram Rev. 0.31



## Voltage & Signal Measure Point TOP



J3401

J4801

J5204

J4003

J3701

J3702

PJP8103 +5VA

PR8135 CPU\_VRON

PQ9105 +12VSUS

D2207 ME\_AC\_PRESENT

PL8400 +1.8V0

D2001 +VCC\_RTC

C2505 R\_CPU\_PRRGD

SL3006 3VA\_EC

JP3001 +3VA

Q3204 EC\_RST#

J1701

J1601

PU8301 +0.75V0

J3101

J6301

PL8001 +V CORE

CE4505 AC BAT\_SYS

PL8004 +V GFX\_CORE

PR8074 VRM\_PRRGD

U0301

U7001

U204

U207

J5203

J5202

J6001

PR8074 VRM\_PWRGD