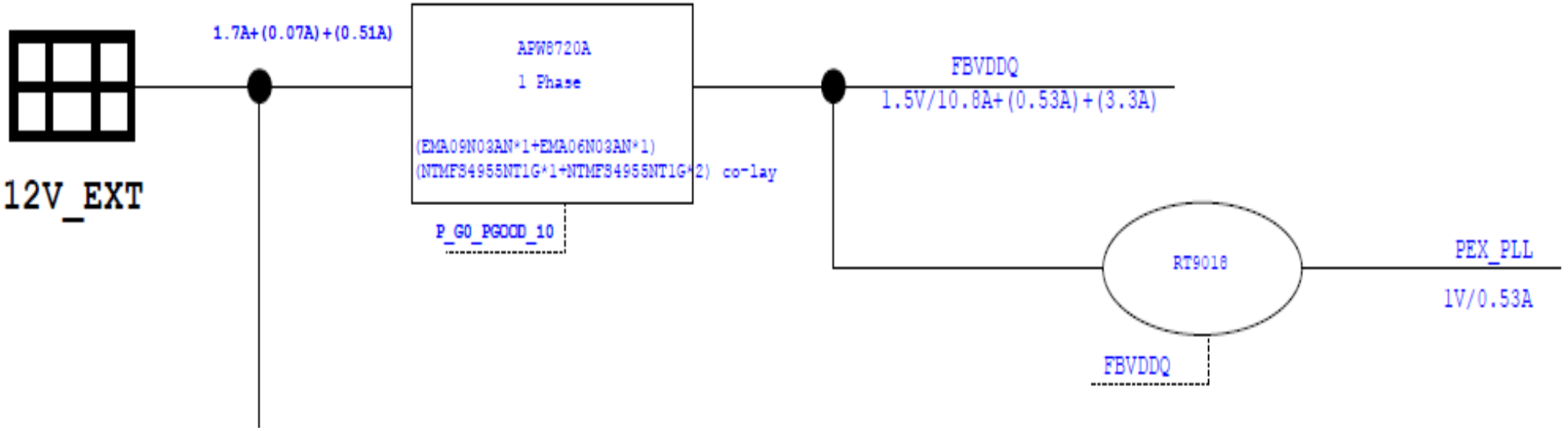
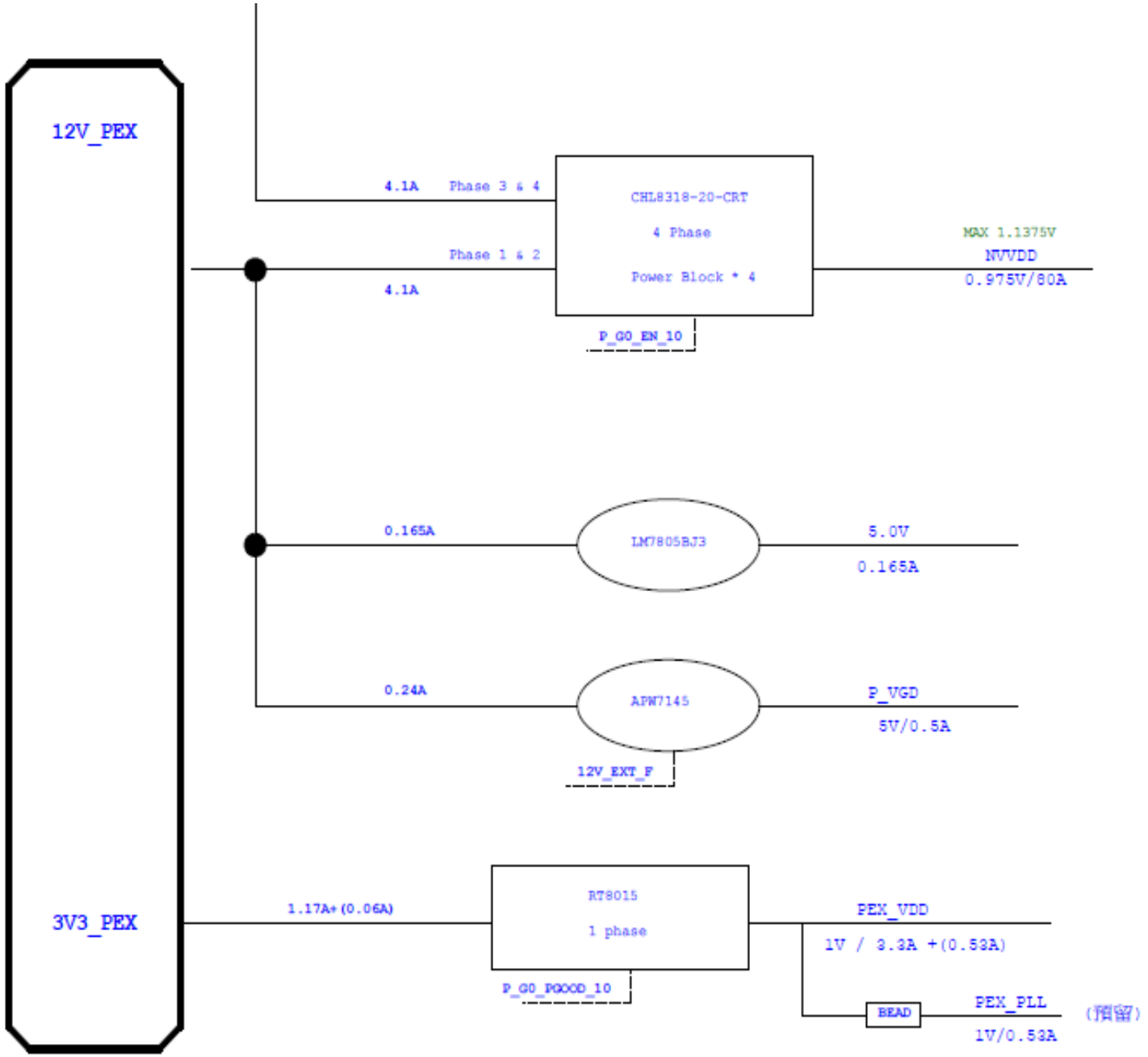
GT740(C2010PIL)Repair Guide

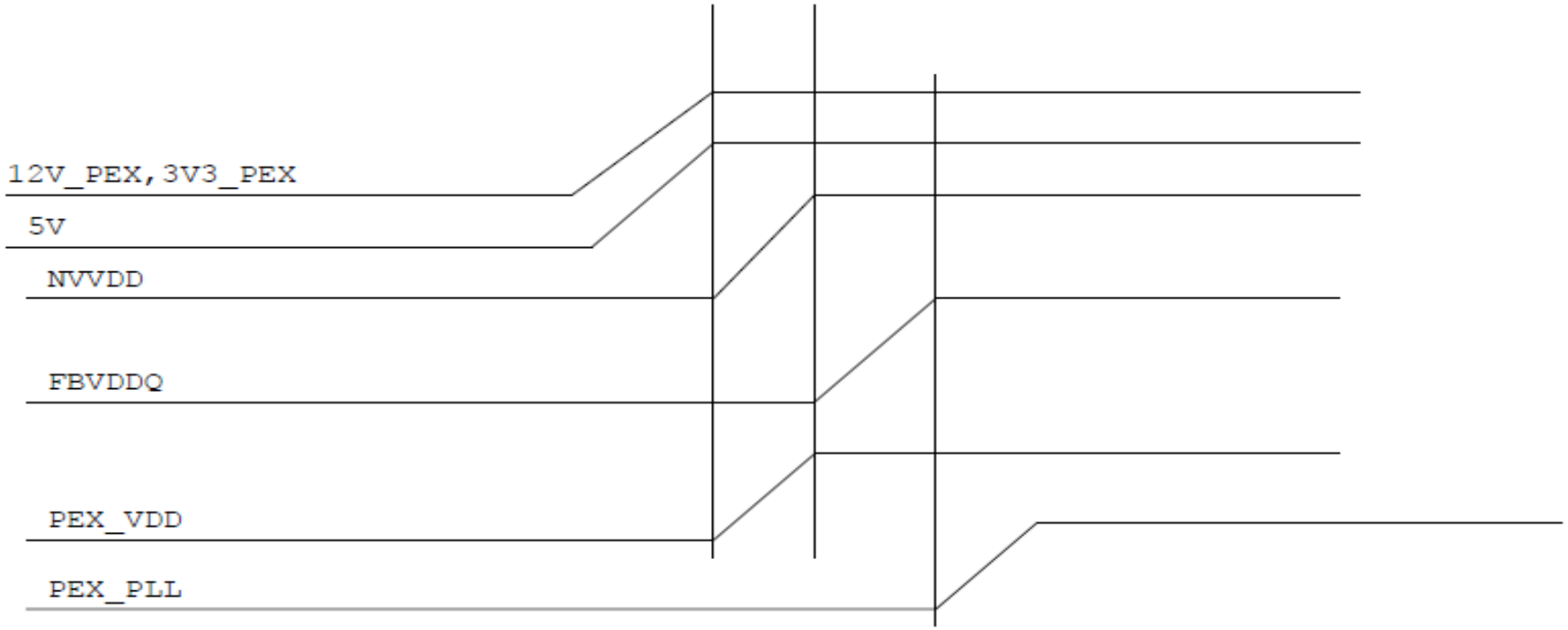
JUL/09/2014
KELLY
GTSD

POWER FLOW

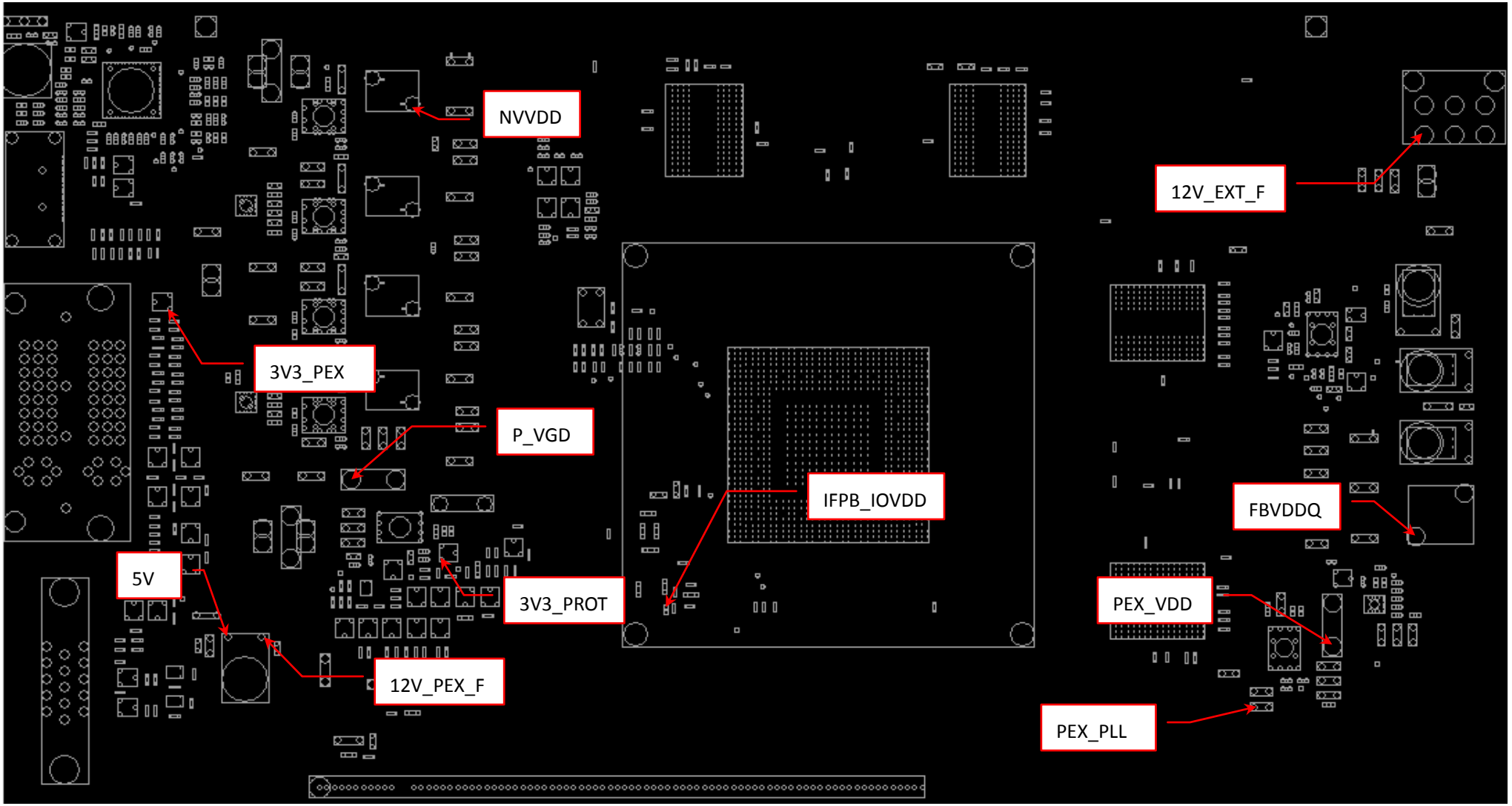



12V_PEX
3V3_PEX
4.1A
Phase 3 & 4
Phase 1 & 2
4.1A
CHL8318-20-CRT
4 Phase
Power Block * 4
P_G0_EN_10
MAX 1.1375V
NVVDD
0.975V/80A
0.165A
LM7805BJ3
5.0V
0.165A
0.24A
APW7145
P_VGD
5V/0.5A
12V_EXT_F
1.17A+(0.06A)
RT8015
1 phase
P_G0_PGOOD_10
PEX_VDD
1V / 3.3A +(0.53A)
BEAD
PEX_PLL
1V/0.53A
(預留)

Power Sequence



3V3_PEX → NVVDD → FBVDDQ → PEX_PLL

→ PEX_VDD

Voltage Measure Point