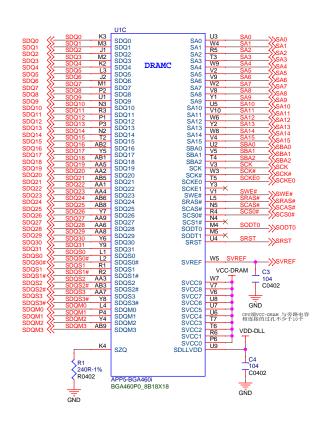
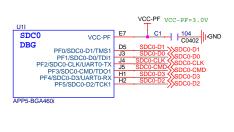
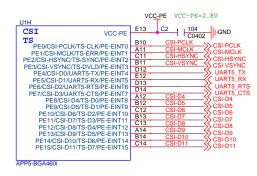
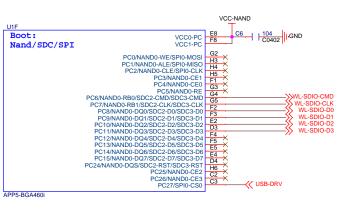
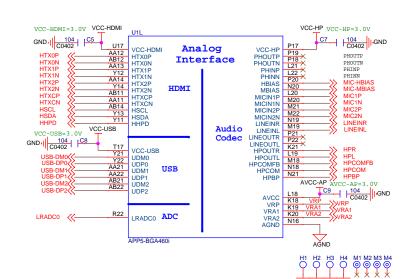
## CPU1

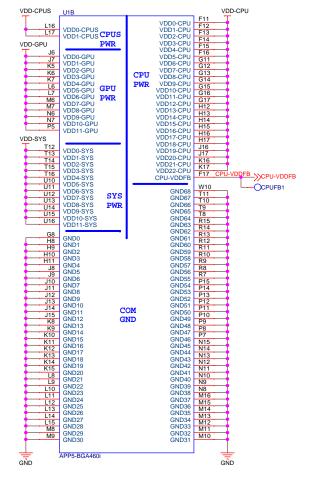


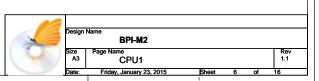




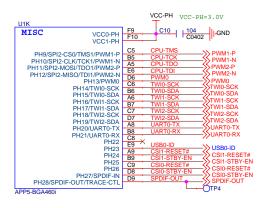


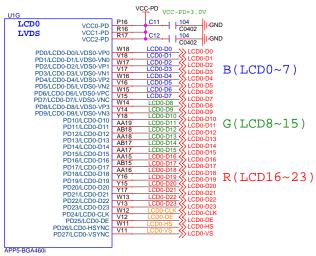


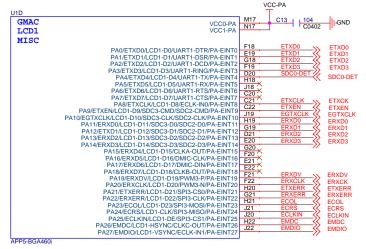


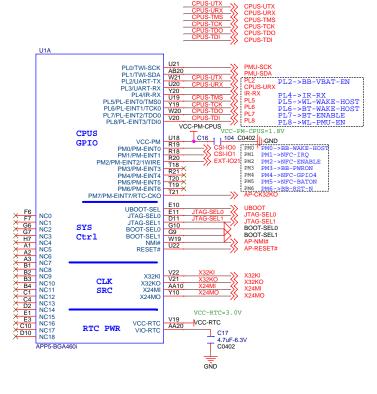


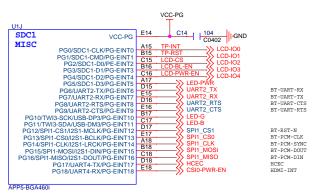
## CPU2

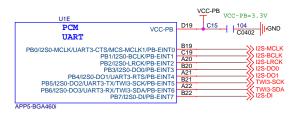


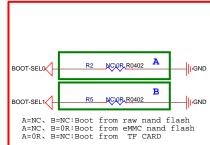




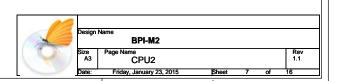












DDR3-16BITx2 SWE# SRAS# SCAS# SCSO# SCKE0 SVREF SODT0 SRST N3 A0
P7 A1
P3 A1
P3 A2
P8 A3
P2 A4
R8 A5
R2 A7
R8 A6
R7 A10
R7 A11
R7 A13
M7 A14
M7 A15 DQL0 E3 DQL0 - DQL1 - DQL2 - DQL3 - DQL4 - DQL5 - DQL7 - DQU0 - DQU1 - DQU2 - DQU3 - DQU3 - DQU4 - DQU5 - DQU4 - DQU5 - DQ DQL1
DQL2
DQL3
DQL4
DQL5
DQL6
DQL7
DQU0
DQU1
DQU2
DQU3
DQU4
DQU4
DQU4
DQU6
DQU7 SA[15:0] SBA[2:0] SDQM[3:0] << M2 N8 BA0 BA1 BA2 M2 N8 M3 CK CK# DQSL DQSL# DQSU DQSU# DML DMU CK CK# DQSL DQSL# DQSU# DML DMU SDQ[31:0] << L3 J3 K3 L2 K9 CAS# CS# CKE WE RAS# CAS# CS# CKE SRAS# J3 SCAS# K3 SCSO# L2 SCKEO K9 SDQS0 SDQS0# D3 SDQS1 NC#1 J1 X NC#2 J9 X NC#3 L9 X NC#4 X SDQS1# M8 VREFCA VREFDQ M8 VREFCA VREFDQ NC#1 NC#2 NC#3 NC#4 SDQS2 SDQS2# ODT A1 VDO#1
C1 VDO#2
C1 VDO#2
C2 VDD0#2
D2 VDD0#3
H2 VDD0#3
A8 VDD0#6
H9 VDD0#7
C9 VDD0#7
E9 VDD0#2
C9 VDD#2
C9 VDD#2
C9 VDD#2
C9 VDD#2
C9 VDD#2
C9 VDD#3
K2 VDD#3
K2 VDD#3
K8 VDD#6
K8 VDD#6
R9 VDD#6
R9 VDD#8
VDD#8 ODT NC#4

A1 VDO#1 ZQ
CT VDD0#2 RESET
DZ VDD0#3
DZ VDD0#4
H2 VDD0#5 VSS0#1
A8 VDD0#6 VSS0#1
B9 VDD0#7 VSS0#8
E9 VDD0#8 VSS0#8
E9 VDD0#8 VSS0#8
E9 VDD0#9 VSS0#8
E9 VDD#2 VSS0#8
E9 VDD#4 VSS0#8
E9 VDD#4 VSS0#8
E8 VDD#5 VSS#6
E8 VDD#5 VSS#6
E8 VDD#6 VSS#6
E8 VSS#6 SDQS3 SDQS3# VCC-DRAM VCC-DRAM RESET R6 240R-1% R0402 R7 240R-1% R0402 VSSQ#1 B1 VSSQ#2 C1 VSSQ#3 E2 VSSQ#4 D8 VSSQ#5 E8 VSSQ#6 B9 VSSQ#6 B9 VSSQ#7 B9 /SSQ#8 G9 /SSQ#9 E1 VSSW#1 M4 GND GND VSSQ#7
VSSQ#8
VSSQ#9
VSS#1
VSS#2
VSS#3
VSS#4
VSS#5
VSS#6
VSS#6
VSS#7
VSS#8
VSS#9 VCC-DRAM R8 C18 104 C0402 VSS#6 VSS#7 VSS#7 VSS#8 VSS#9 VSS#10 VSS#11 VSS#12 VSS#8 VSS#9 SVREF VSS#10 VSS#11 VSS#12 R9 C19 2K-1% 104 R0402 C0402 GND GND K4B4G1646B-HCK0 K4B4G1646B-HCK0 — GND FBGA96C80P9X13 FBGA96C80P9X13 VCC-DRAM VCC-DRAM SCK R10 0R R0402 C20 NC10pF CA102 C33 104 C0402 C21 C22 105-10V 105-10V C0402 C0402 C27 C28 105-10V 105-10V C0402 C0402 C23 104 C0402 C24 104 C0402 C25 103 C0402 C26 103 C29 C30 C31 104 104 103 C0402 C0402 C0402 \_\_\_ C31 103 C34 103 C0402 SCK# R11 0R R0402 GND ₩ GND BPI-M2 Size A3 Rev 1.1 DDR3 Friday, January 23, 2015 Sheet

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