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MS-7B43

ATX:170 *170

Ver: 1.0

Intel -Coffee lake-S plamform

CPU:

LGA1151

CPU POWER Dual N MOS *6Phase

GT POWER Dual N MOS *2 Phase

System Chipset:

SPT-H :Z370

Onboard Chip:

HD Audio Codec: ALC1220

SIO: NCT5565

Flash ROM: SP128MB

PWM:

VCORE - UP9508

DDR - RT8231

PCH(1.0V) -RT8125E

VCCSA - RT8125E

VCCIO - NB685(Converter)

Main Memory:

DDR4 * 2 (Dual Channel)

LDO:

VCCSTPLL - GS7133

ACPI:

5VDAUL:uP7501

5VDIMM:uP7501

3VSB:GS7133+PN MOS

3VDSW:GS7133

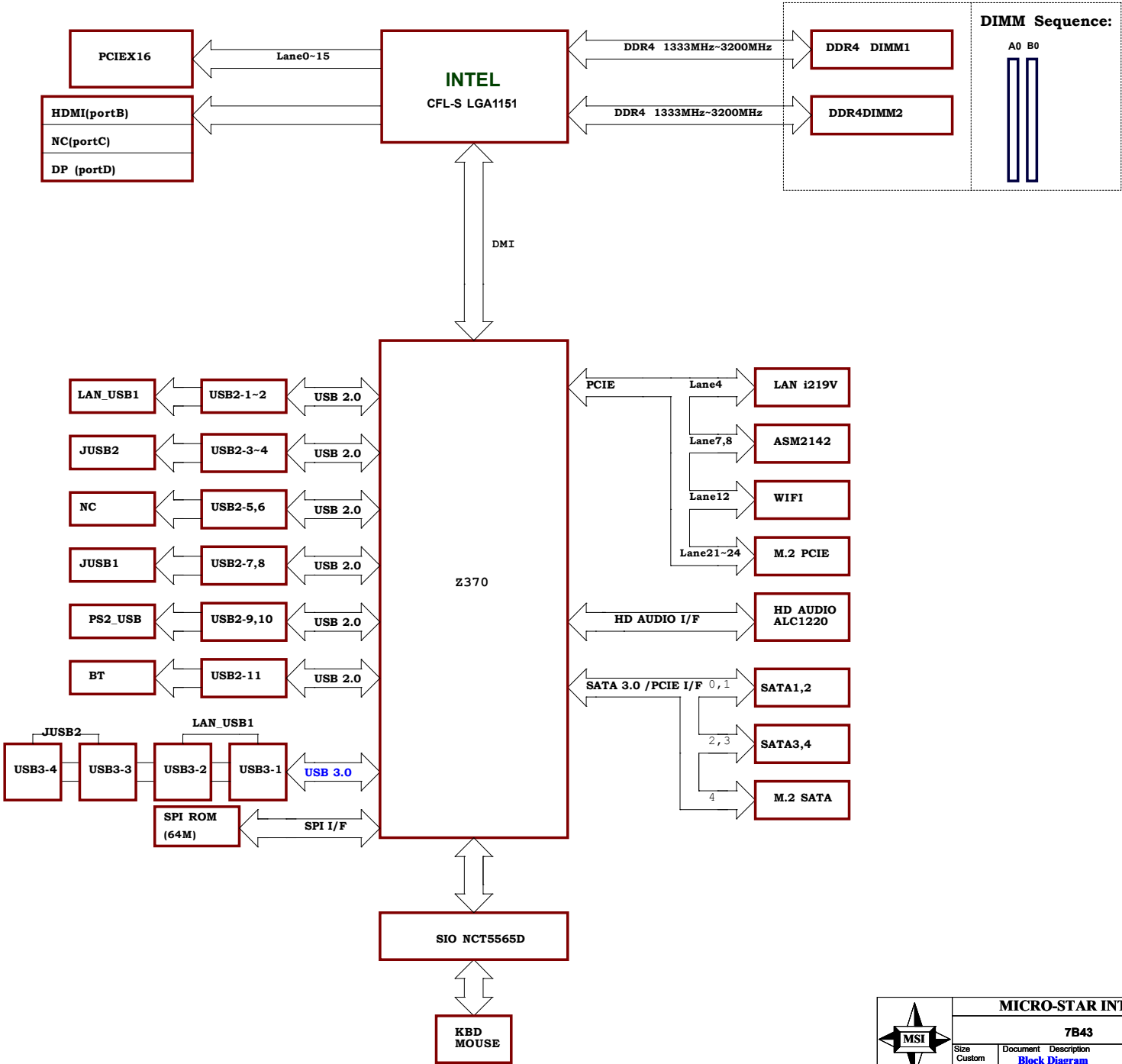
Expansion Slots:

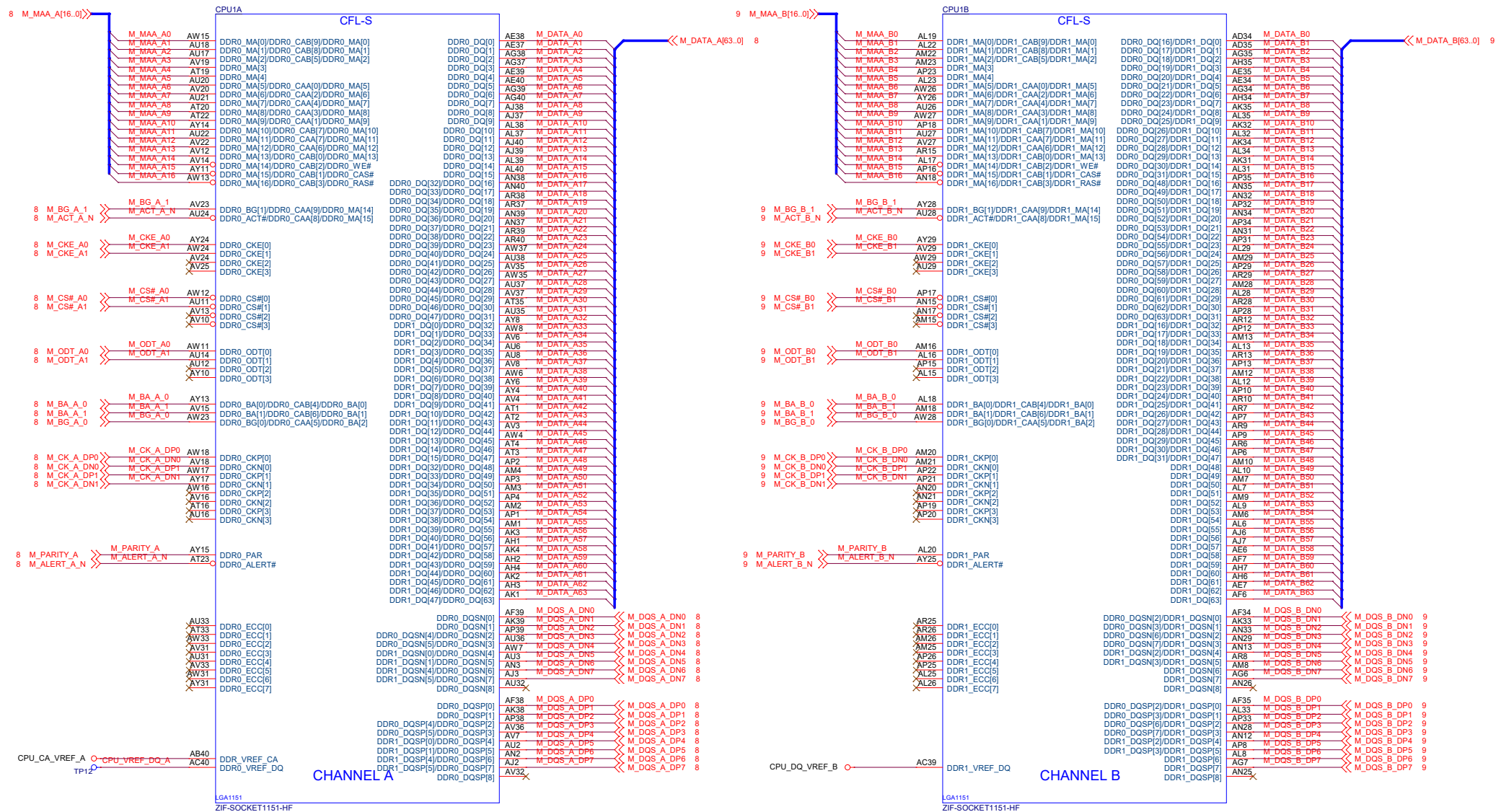
PCI Express (X16) Slot * 1

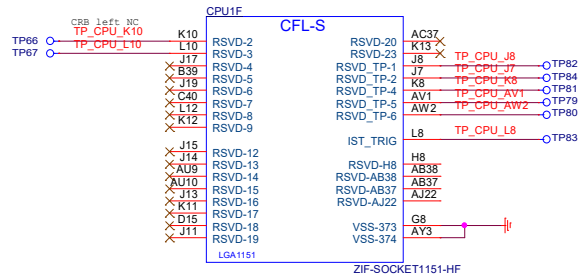
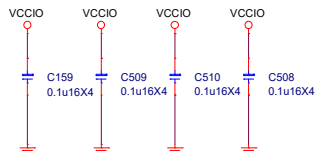
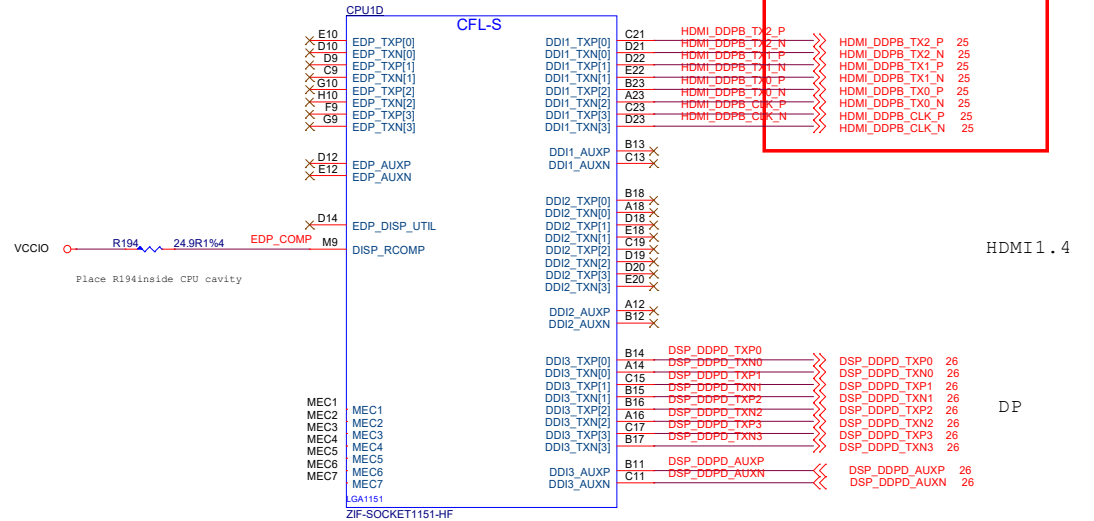
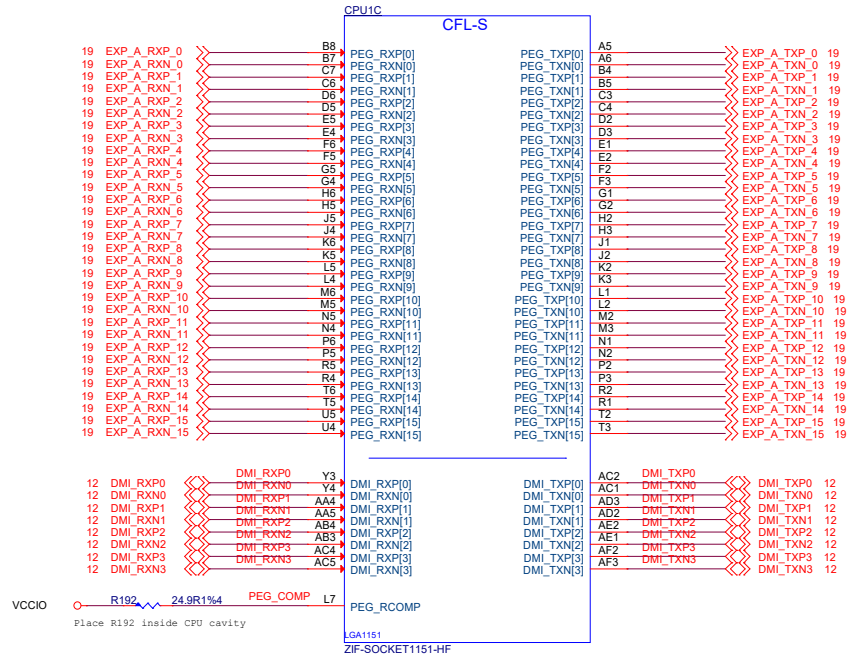


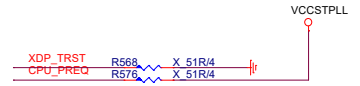
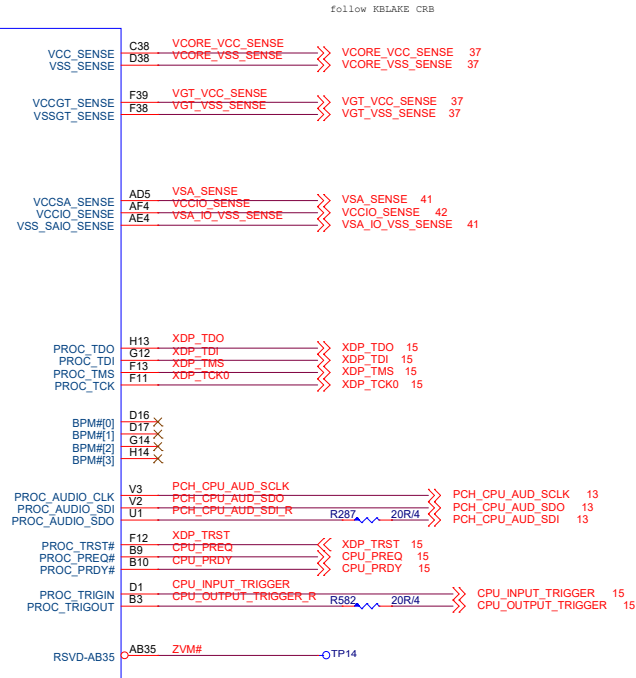
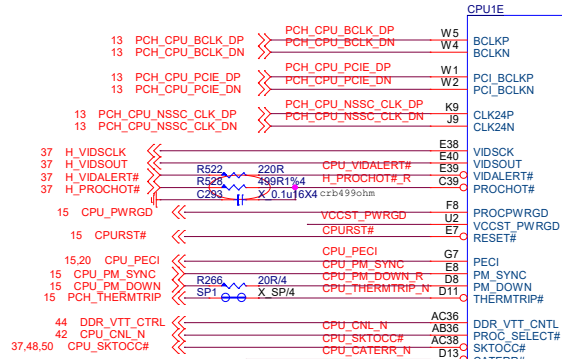
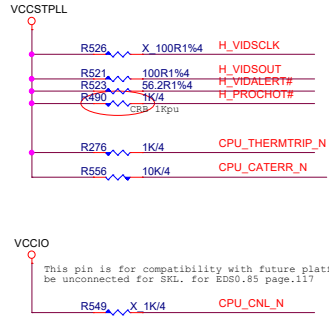
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MS-7B43 Block Diagram





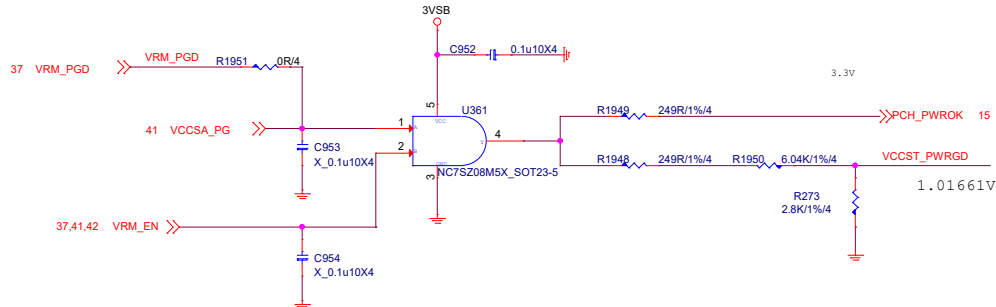
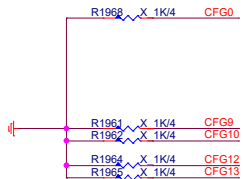




CFG Strap

CFG Table			
	HIGH	LOW	DESCRIPTION
0	No Lock	Lock	PCU PLL lock
1			RSVD
2	NORM	REVERSE	PEG LANE REVERSAL
3			RSVD
4	DISABLE	ENABLE	eDP
5	DISABLE	ENABLE	PEG0CFGSEL(0)
6	DISABLE	ENABLE	PEG0CFGSEL(1)
7	RESET#	BIGS REQ	PEG DEFER TRAINING
8			RSVD
9			RSVD
10			RSVD
11			RSVD
12			RSVD
13			RSVD
14	RSVD		
15	RSVD		

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7B43 17ci203

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