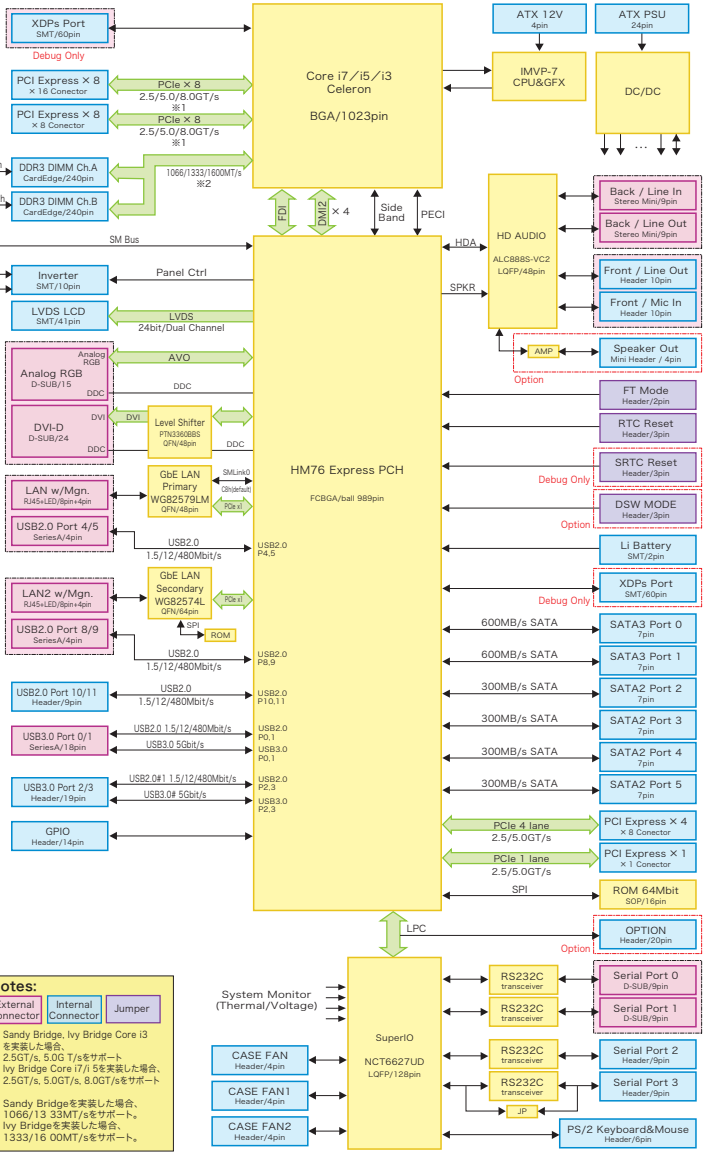
ブロック図（FB19M）


XDPs Port
SMT/60pin
Debug Only
PCI Express × 8
× 16 Conector
PCI Express × 8
× 8 Conector
PCIe × 8
2.5/5.0/8.0GT/s
※1
PCIe × 8
2.5/5.0/8.0GT/s
※1
A0h
A2h
DDR3 DIMM Ch.A
CardEdge/240pin
DDR3 DIMM Ch.B
CardEdge/240pin
1066/1333/1600MT/s
※2
SM Bus
+12V
+5V or
+3.3V
Inverter
SMT/10pin
Panel Ctrl
LVDS LCD
SMT/41pin
LVDS
24bit/Dual Channel
Analog RGB
D-SUB/15
Analog RGB
AVO
DDC
DVI-D
D-SUB/24
DVI
DVI
Level Shifter
PTN3360BS
QFN/48pin
DDC
LAN w/Mgn.
RJ45+LED/8pin+4pin
USB2.0 Port 4/5
SeriesA/4pin
GbE LAN
Primary
WGB2579LM
QFN/48pin
SMLink0
(3h)(default)
PCIe x1
USB2.0
1.5/12/480Mbit/s
LAN2 w/Mgn.
RJ45+LED/8pin+4pin
USB2.0 Port 8/9
SeriesA/4pin
GbE LAN
Secondary
WGB2574L
QFN/64pin
PCIe x1
SPI
ROM
USB2.0
1.5/12/480Mbit/s
USB2.0 Port 10/11
Header/9pin
USB2.0
1.5/12/480Mbit/s
USB3.0 Port 0/1
SeriesA/18pin
USB2.0 1.5/12/480Mbit/s
USB3.0 5Gbit/s
USB3.0 Port 2/3
Header/19pin
USB2.0#1 1.5/12/480Mbit/s
USB3.0# 5Gbit/s
GPIO
Header/14pin
Core i7／i5／i3
Celeron
BGA/1023pin
FDI
DMI2
× 4
Side
Band
PECI
HM76 Express PCH
FCBGA/ball 989pin
USB2.0
P4.5
USB2.0
P8.9
USB2.0
P10.11
USB2.0
P0.1
USB3.0
P0.1
USB2.0
P2.3
USB3.0
P2.3
ATX 12V
4pin
ATX PSU
24pin
IMVP-7
CPU&GFX
DC/DC
HDA
SPKR
HD AUDIO
ALC888S-VC2
LQFP/48pin
Back / Line In
Stereo Mini/9pin
Back / Line Out
Stereo Mini/9pin
Front / Line Out
Header 10pin
Front / Mic In
Header 10pin
AMP
Speaker Out
Mini Header / 4pin
Option
FT Mode
Header/2pin
RTC Reset
Header/3pin
SRTC Reset
Header/3pin
Debug Only
DSW MODE
Header/3pin
Option
Li Battery
SMT/2pin
XDPs Port
SMT/60pin
Debug Only
600MB/s SATA
SATA3 Port 0
7pin
600MB/s SATA
SATA3 Port 1
7pin
300MB/s SATA
SATA2 Port 2
7pin
300MB/s SATA
SATA2 Port 3
7pin
300MB/s SATA
SATA2 Port 4
7pin
300MB/s SATA
SATA2 Port 5
7pin
PCIe 4 lane
2.5/5.0GT/s
PCI Express × 4
× 8 Conector
PCIe 1 lane
2.5/5.0GT/s
PCI Express × 1
× 1 Conector
SPI
ROM 64Mbit
SOP/16pin
LPC
OPTION
Header/20pin
Option
System Monitor
(Thermal/Voltage)
SuperIO
NCT6627UD
LQFP/128pin
CASE FAN
Header/4pin
CASE FAN1
Header/4pin
CASE FAN2
Header/4pin
RS232C
transceiver
RS232C
transceiver
RS232C
transceiver
RS232C
transceiver
JP
Serial Port 0
D-SUB/9pin
Serial Port 1
D-SUB/9pin
Serial Port 2
Header/9pin
Serial Port 3
Header/9pin
PS/2 Keyboard&Mouse
Header/6pin
Notes:
External Connector
Internal Connector
Jumper
※1 Sandy Bridge, Ivy Bridge Core i3
を実装した場合、
2.5GT/s, 5.0G T/sをサポート
Ivy Bridge Core i7/i 5を実装した場合、
2.5GT/s, 5.0GT/s, 8.0GT/sをサポート
※2 Sandy Bridgeを実装した場合、
1066/13 33MT/sをサポート。
Ivy Bridgeを実装した場合、
1333/16 00MT/sをサポート。