	Title	Page
	Cover Sheet	1
	Block Diagram	2
)	CPU-CLK/Control/MISC/PEG,CPU-Memory	3,4
	CPU-Power,CPU-GND	5,6
	DDRIII DIMMA1&DDRIII DIMMB1	7,8
	LYNX-PCI/E/DMI/USB/CLK	9
	LYNX-SATA/HOST/FAN/GPIO/VGA	10
	LYNX-SMB/LPC/AUDIO/RTC/RST	11
	LYNX-POWER PIN,GND/LYNX STRAPS	12,13 ,14
	PCIE1(X1) & PCIE2(X16) Slots	15
>	SIO-NUVOTON NCT5533D	16
	ALC892/887	17
	LAN RTL8111G/8106E	18
	SATA /USB3.0 Connector	19
	USB2.0 Connector	20
	DVI	21
	VGA	22
3	CPU Power - ISL95812	23 24
	DDR Power -UP1504 1-Phase	25
	PCH Power - OP+MOS	26
	ACPI Controller UPI	27
$\frac{1}{1}$	ATX F_Panel/EMI/TPM/LPT	28
	XDP CPU & PCH	29
	Manual Parts	30
`		
L	5	4

MS-7817 mATX Ver: 10

Intel Sharkbay plamform H81

CPU:

System Chipset:

INTEL-Haswell LGA1150

INTEL-LYNX

Memory:

DDRIII (1333/1666MHz) * 2 (Dual Channel)

PWM:

VRD12 - ISL95812

OnBoard Chipset:

HD Audio Codec: RTL892

LAN-realtek8111G

SIO:NUVOTON 5533D

SPI ROM: 64 MB

Expansion Slots:

PCI Express (X16) Slot * 1
PCI Express (X1) Slot * 1

Other:

DVI*1 VGA*1 SATA2*2 SATA3*2

FRONT USB2.0 *2 REAL USB2.0 *4

REAL USB3.0 *2

MICRO-STAR INT'L CO.,LTD

MS-7817

Size
Custon
Cover Sheet
Date: Tuesday, December 04, 2012
Sheet 1 of 36





























































