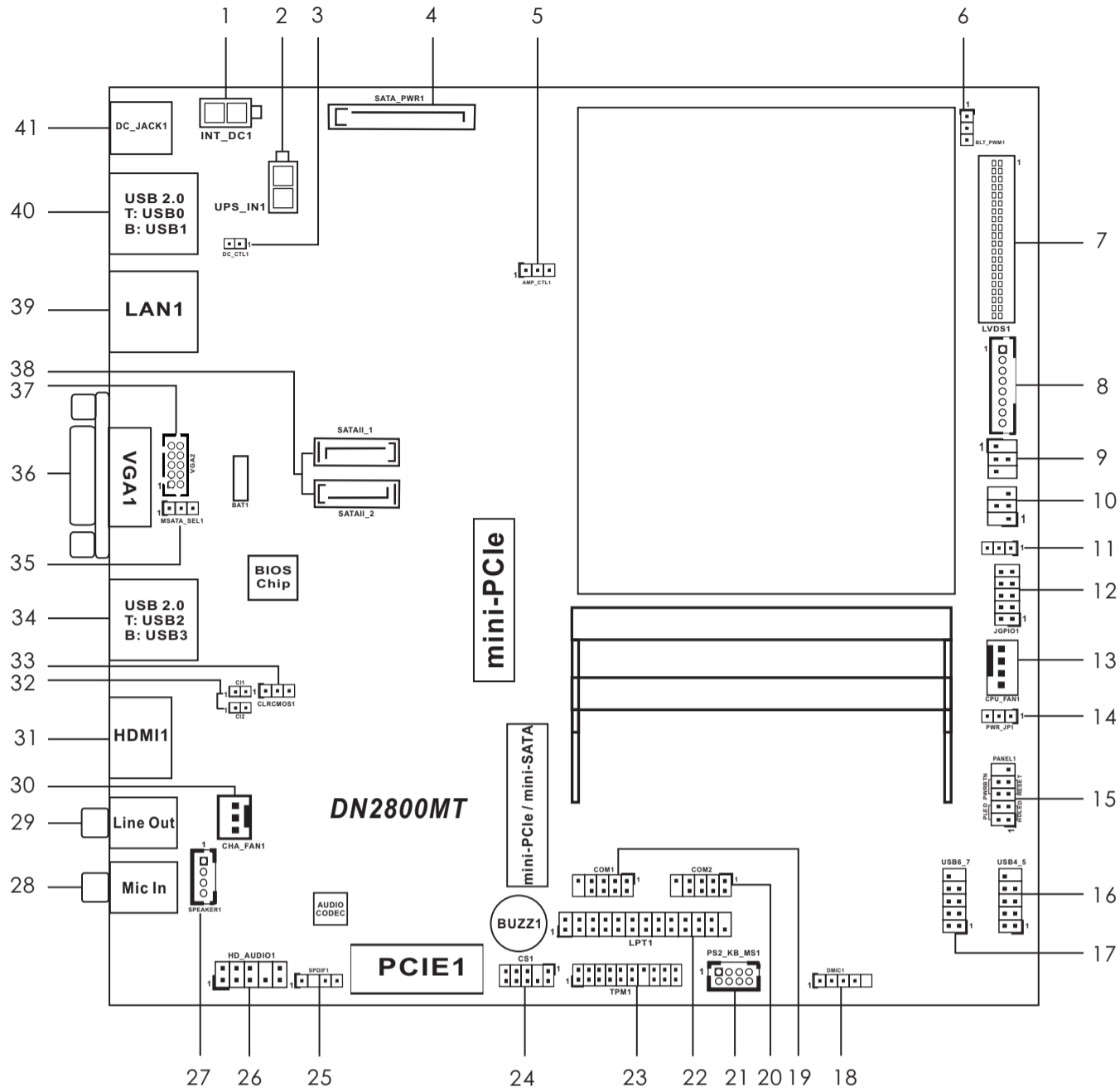





## DN2800MT

The terms HDMI™ and HDMI High-Definition Multimedia Interface, and the HDMI logo are trademarks or registered trademarks of HDMI Licensing LLC in the United States and other countries.




1 : 2-pin ATX Power Input/Output Connector

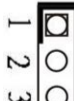
2 : 2-pin UPS Module Power Input Connector

3 : DC\_CTL1  1  
 Power Input Voltage > +12V: Short  
 Power Input Voltage ≤ +12V: Open

4 : SATA Power Output Connector

5 : AMP\_CTL1  1 2 3

PIN	Signal Name
1	GPIO_VOL_DW
2	GND
3	GPIO_VOL_UP

6 : BLT\_PWM1 (CON\_LBKLT\_CTL)  1 2 3  
 1-2: +3V  
 2-3: +5V

7 : LVDS Panel Connector

PIN	Signal Name	PIN	Signal Name
2	LCD_VCC	1	LCD_VCC
4	LDDC_CLK	3	+3V
6	LVDS_A_DATA0#	5	LDDC_DATA
8	GND	7	LVDS_A_DATA0
10	LVDS_A_DATA1	9	LVDS_A_DATA1#
12	LVDS_A_DATA2#	11	GND
14	GND	13	LVDS_A_DATA2
16	LVDS_A_DATA3	15	LVDS_A_DATA3#
18	LVDS_A_CLK#	17	GND
20	GND	19	LVDS_A_CLK
22	LVDS_B_DATA0	21	LVDS_B_DATA0#
24	LVDS_B_DATA1#	23	GND
26	GND	25	LVDS_B_DATA1
28	LVDS_B_DATA2	27	LVDS_B_DATA2#
30	LVDS_B_DATA3#	29	DPLVDD_EN
32	GND	31	LVDS_B_DATA3
34	LVDS_B_CLK	33	LVDS_B_CLK#
36	CON_LBKLT_EN	35	GND
38	LCD_BLT_VCC	37	CON_LBKLT_CTL
40	LCD_BLT_VCC	39	LCD_BLT_VCC

8 : BLT\_CTL1

PIN	Signal Name
1	CON_LBKLT_EN
2	CON_LBKLT_CTL
3	LCD_BLT_VCC
4	LCD_BLT_VCC
5	GND
6	GND
7	GPIO_BLT_UP
8	GPIO_BLT_DW

9 : PNL\_PWR1

PIN	Signal Name
1	+3.3V
2	NC
3	LCD_VCC
4	+12V
5	+5V
6	NC

10 : BKT\_PWR1

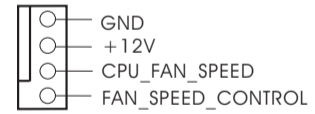
PIN	Signal Name
1	+5V
2	NC
3	LCD_BLT_VCC
4	+Vin
5	+12V
6	NC

11 : Digital Input / Output Power select  
 1-2: +12V  
 2-3: +5V

12 : Digital Input / Output Pin Header

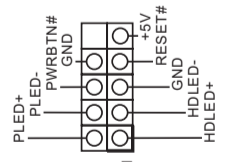
PIN	Signal Name	PIN	Signal Name
10	GND	9	JGPIO_PWR1
8	SIO_GP03	7	SIO_GP07
6	SIO_GP02	5	SIO_GP06
4	SIO_GP01	3	SIO_GP05
2	SIO_GP00	1	SIO_GP04

13 : 4-Pin CPU FAN Connector (+12V)



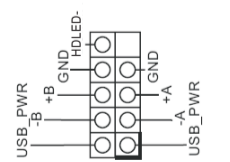
14 : ATX/AT mode Selection  
 1-2: AT mode  
 2-3: ATX mode

15 : System Panel Header



USB2.0 Headers

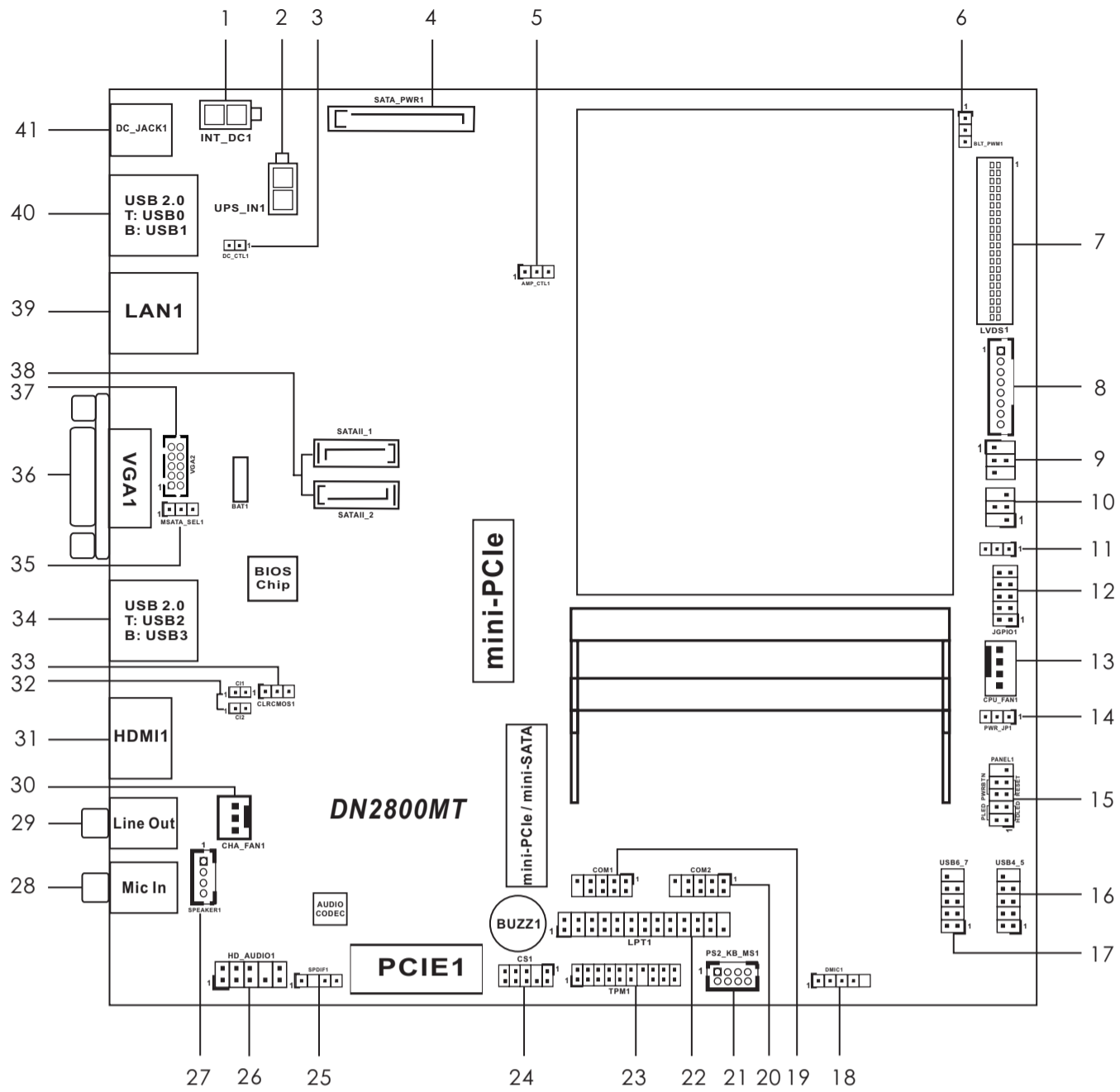
16 : USB4\_5  
 17 : USB6\_7



18 : DMIC1

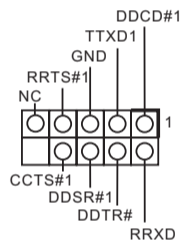
PIN	Signal Name
1	+3V
2	DMIC_DATA
3	GND
4	DMIC_CLK
5	NC





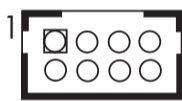
**RS-232 Port 4 Pin Headers**

19 : COM1  
20 : COM2

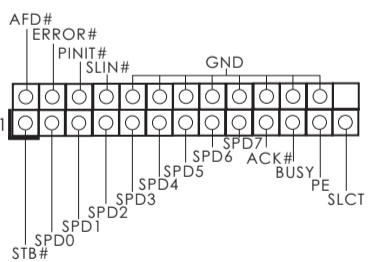


**21 : PS2\_KB\_MS1**

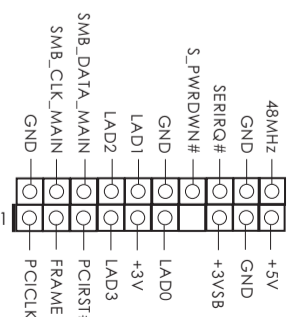
PIN	Signal Name
1	KBCLK
2	+5V
3	KBDATA
4	+5V
5	MSDATA
6	GND
7	MSCLK
8	GND



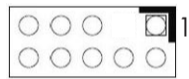
**22 : Printer Port Header**



**23 : TPM Header**

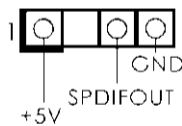


**24 : CS1**

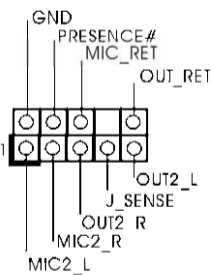


PIN	Signal Name
1	Watch Dog Timer
2	Ground
3	NC
4	SMB_CLK_RESUME
5	+3.3V standby
6	SMB_DATA_RESUME
7	PWRBT#
8	CIRRX
9	+5.0V standby
10	Ground

**25 : SPDIF1**



**26 : Front Panel Audio Header**



**27 : 3W Audio AMP Output Wafer**

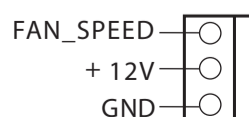
PIN	Signal Name
1	SPK L-
2	SPK L+
3	SPK R+
4	SPK R-



28 : Audio Jack  
Pink - Mic In

29 : Audio Jack  
Green - Line Out

**30 : 3-Pin Chassis FAN Connector (+12V)**

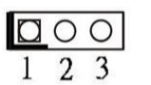


**31 : HDMI1**

32 : Chassis Intrusion Headers (CI1, CI2)

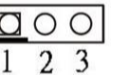


33 : Clear CMOS Header  
1-2: Normal  
2-3: Clear CMOS



34 : USB2.0 (USB2\_3)

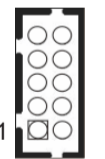
35 : MSATA\_SEL1 (Disable SATAII\_2)  
1-2: mPCIe  
2-3: mSATA (Disable SATAII\_2)



36 : VGA1

37 : VGA2

PIN	Signal Name	PIN	Signal Name
1	RED	2	GND
3	GRN	4	GND
5	BLUE	6	GND
7	HSYNC	8	VSYNC
9	DDC_CLK	10	DDC_DATA



38 : SATA2 Connectors (SATAII\_1, SATAII\_2)



39 : RJ45 LAN Port 1

40 : USB2.0 (USB0\_1)

41 : DC Jack1