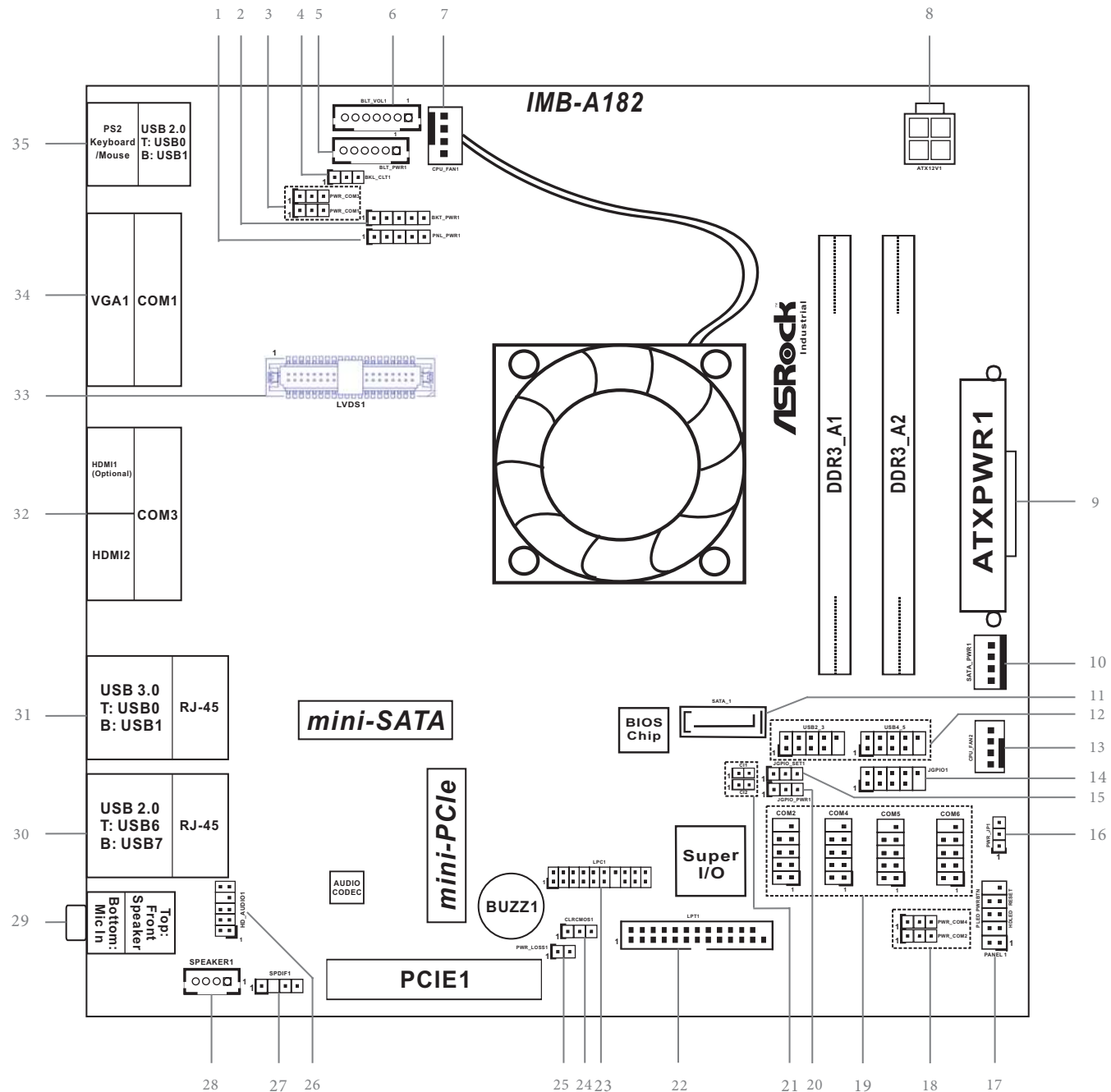


ASRock® Jumpers and Headers Setting Guide

IMB-A182



1 : LVDS Power (VDD Power) Jumper
 1-2: +3V
 2-3: +5V
 4-5: +12V



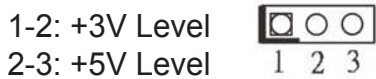
2 : Panel Backlight Power Jumper
 1-2: +5V
 2-3: +12V
 4-5: +Vin



3 : COM Port Pin9/Power Setting Jumpers (For COM1, COM3)



4 : Backlight Control Signal Setting Header



5 : Inverter Power/Control Header



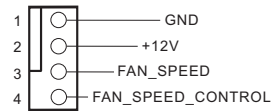
PIN	Signal Name
1	GND
2	GND
3	B/L ADJUST
4	B/L ENABLE
5	LCD BLT VCC
6	LCD BLT VCC

6 : Panel Backlight & Audio AMP Volume Control Header

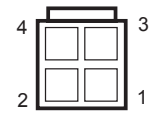


PIN	Signal Name
1	VOL_UP
2	VOL_DW
3	BKT_ON/OFF
4	BKT_UP
5	BKT_DW
6	GND
7	GND

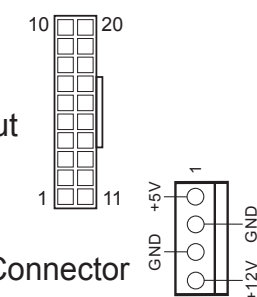
7 : 4-Pin CPU FAN Connector (+12V)



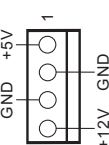
8 : ATX Power Connector (Input 12V~24V)
 1-2: GND
 3-4: DC Input



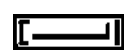
9 : 20-pin ATX Power Input Connector



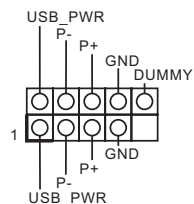
10 : SATA Power Output Connector



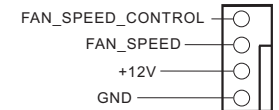
11 : SATA3 Connector (SATA_1)



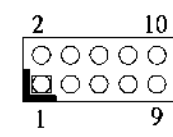
12 : USB2.0 Connectors (USB2_3, USB4_5)



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



14 : Digital Input/Output Pin Header

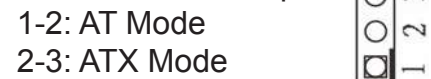


PIN	Signal Name	PIN	Signal Name
1	SIO_GPIO24	2	SIO_GPIO20
3	SIO_GPIO25	4	SIO_GPIO21
5	SIO_GPIO26	6	SIO_GPIO22
7	SIO_GPIO27	8	SIO_GPIO23
9	JGPIO_PWR1	10	GND

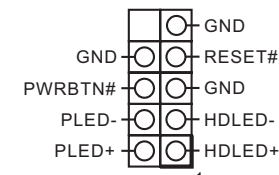
15 : JGPIO_SET1



16 : ATX/AT Mode Jumper

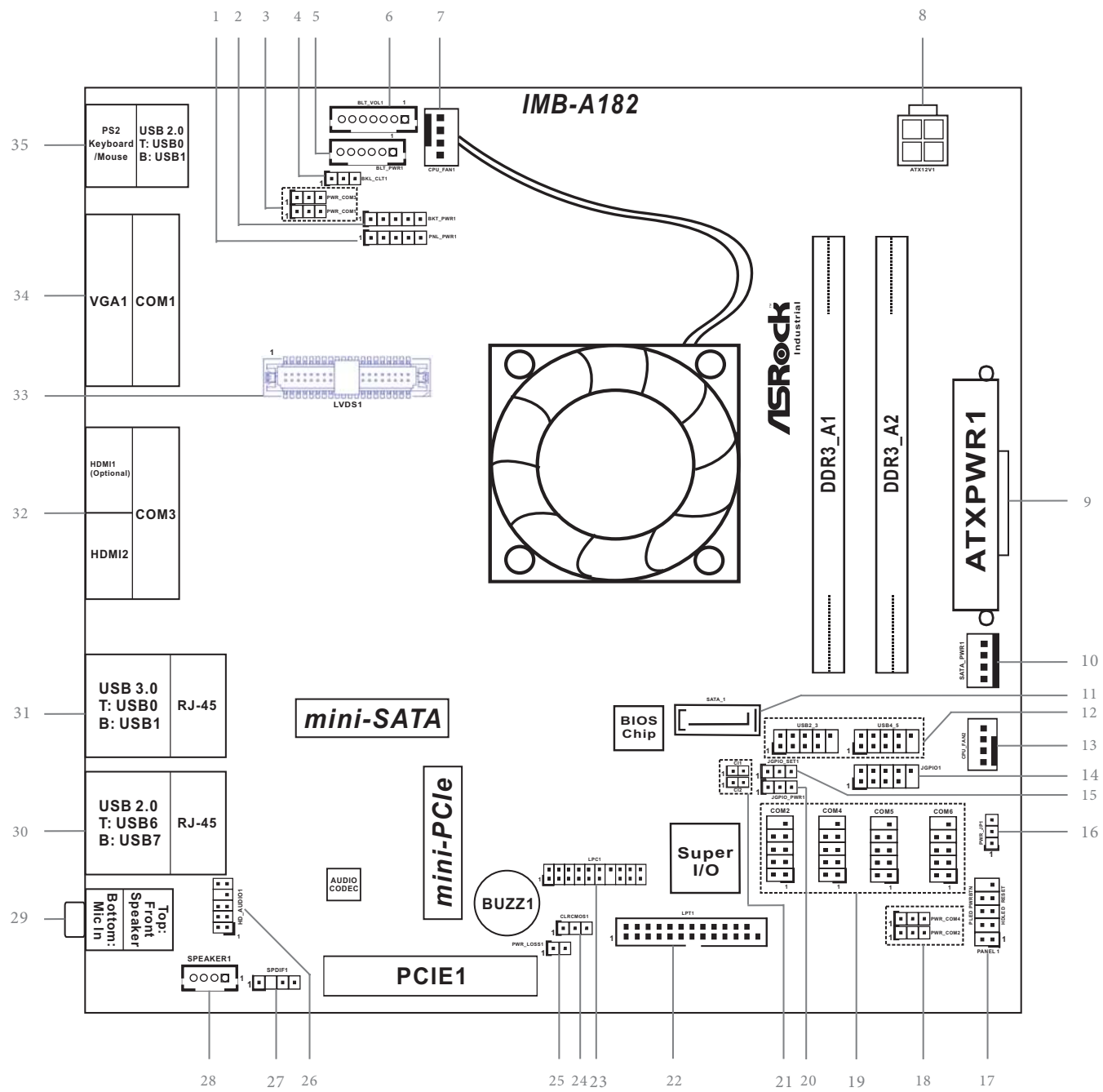


17 : System Panel Header

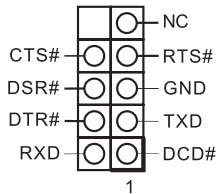


18 : COM Port Pin9/Power Setting Jumpers (For COM2, COM4)





19 : COM Port Headers (RS232)
(COM2, COM4, COM5, COM6)



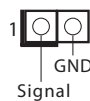
20 : Digital Input/Output Power Select



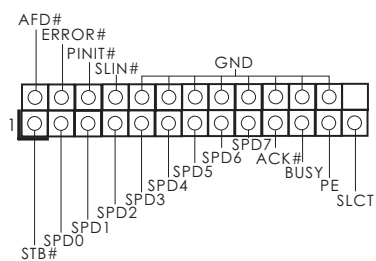
21 : Chassis Intrusion Headers
CI1:

Close: Active Case Open
Open: Normal

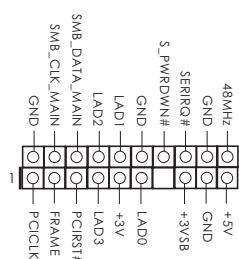
CI2:
Close: Normal
Open: Active Case Open



22 : Printer Port Header

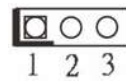


23 : LPC Header



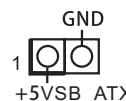
24 : Clear CMOS Header

1-2: Normal
2-3: Clear CMOS

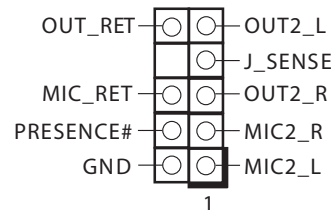


25 : Power Loss Jumper

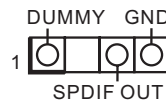
Open: Power Loss
Close: no Power Loss



26 : Front Panel Audio Header



27 : SPDIF Header



28 : 3W Audio AMP Output Wafer



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

29 : Audio Jacks

Green - Front Speaker
Pink - Mic In

30 : Top: RJ45 LAN Port (LAN2)

Bottom: USB2.0 Ports (USB6_7)

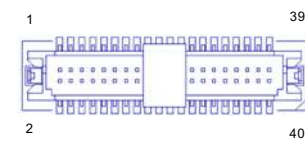
31 : Top: RJ45 LAN Port (LAN1)

Bottom: USB3.0 Ports (USB3_0_1)

32 : Top: COM Port (COM3) (RS232/422/485)

Bottom Left: HDMI Port (HDMI1) (Optional)
Bottom Right: HDMI Port (HDMI2)

33 : LVDS Panel Connector



PIN	Signal Name	PIN	Signal Name
1	LVDS_PWR	2	LVDS_PWR
3	+3V	4	DDC CLK
5	DDC DATA	6	LVDS1 D0(-)
7	LVDS1 D0(+)	8	GND
9	LVDS1 D1(-)	10	LVDS1 D1(+)
11	GND	12	LVDS1 D2(-)
13	LVDS1 D2(+)	14	GND
15	LVDS1 D3(-)	16	LVDS1 D3(+)
17	GND	18	LVDS1 CLK(-)
19	LVDS1 CLK(+)	20	GND
21	LVDS2 D0(-)	22	LVDS2 D0(+)
23	GND	24	LVDS2 D1(-)
25	LVDS2 D1(+)	26	GND
27	LVDS2 D2(-)	28	LVDS2 D2(+)
29	LVDS PWR EN	30	LVDS2 D3(-)
31	LVDS2 D3(+)	32	GND
33	LVDS2 CLK(-)	34	LVDS2 CLK(+)
35	GND	36	B/L ENABLE
37	B/L ADJUST	38	BLT_PWR
39	BLT_PWR	40	BLT_PWR

34 : Top: COM Port (COM1) (RS232/422/485)
Bottom: VGA Port (VGA1)

35 : Top: USB2.0 Ports (USB0_1)
Bottom: PS/2 Keyboard/Mouse Port