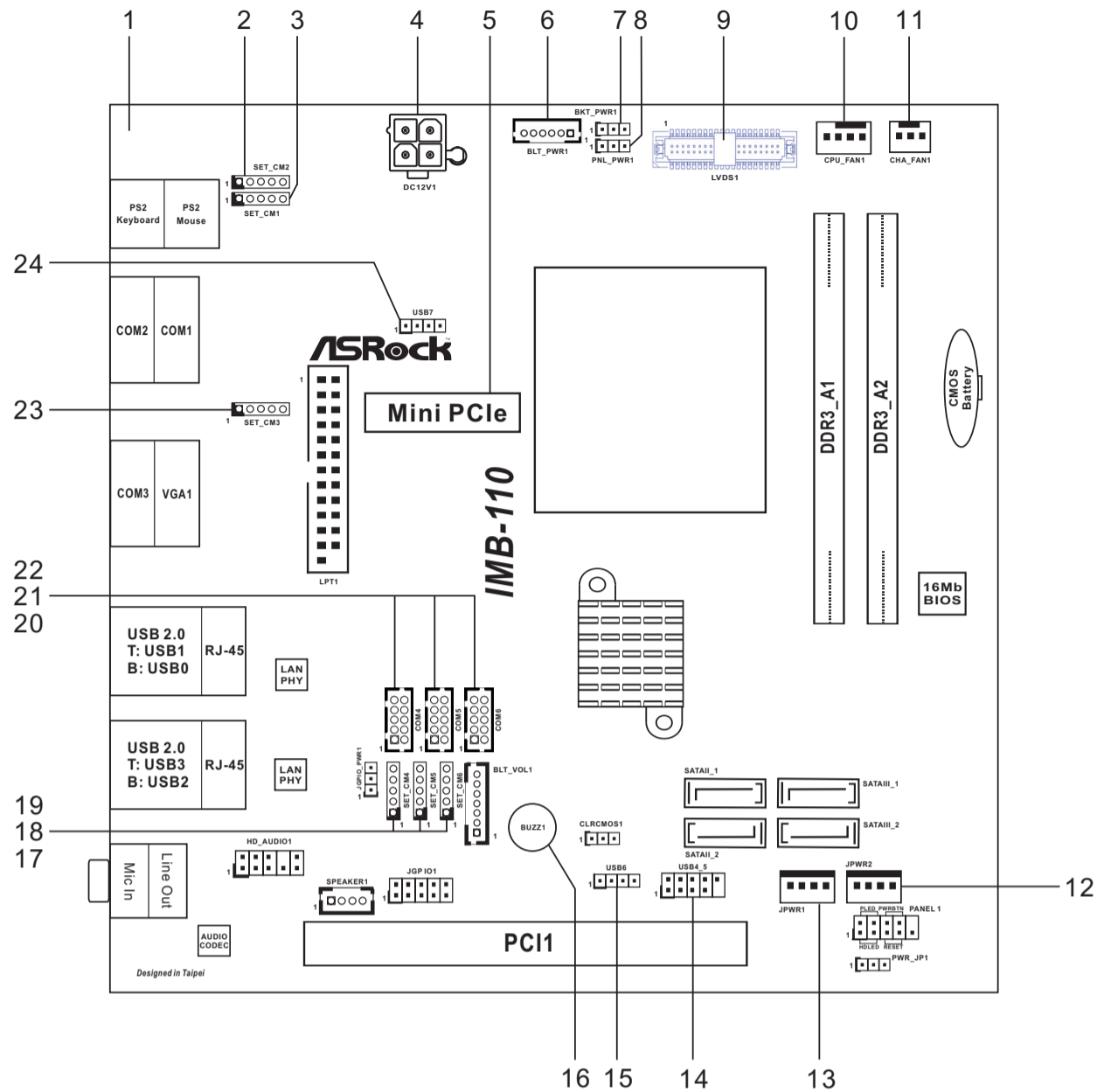


ASRock® Jumpers and headers setting guide

IMB-110



1 : Reserved for Antenna and Adapter Cable

COM Port Signal/Power Setting Jumpers

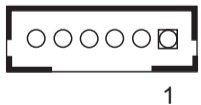
- 2 : For COM2
- 3 : For COM1
- 17 : For COM4
- 18 : For COM5
- 19 : For COM6
- 23 : For COM3
 - 1-2 : +12V
 - 2-3 : +5V
 - 4-5 : RI#



4 : 4-Pin ATX PWR In (+12V)

5 : mini PCIE Connector

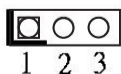
6 : Inverter Power Control Wafer Header



PIN	Signal Name
1	GND
2	GND
3	CON_LBKLT_CTL_R
4	CON_LBKLT_EN_R
5	LCD_BLT_VCC
6	LCD_BLT_VCC

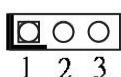
7 : Backlight Power Jumper

- 1-2 : +5V
- 2-3 : +12V

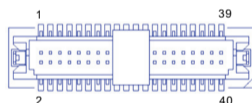


8 : Panel Power Jumper

- 1-2 : +3V
- 2-3 : +5V



9 : LVDS Panel Connector



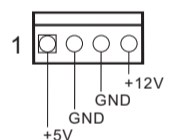
PIN	Signal Name	PIN	Signal Name
2	R_LVDD	1	R_LVDD
4	LDDC_CLK	3	+3V
6	LVDS_A_DATA0#	5	LDDC_DATA
8	GND	7	LVDS_A_DATA0
10	LVDS_A_DATA1	9	LVDS_A_DATA1#
12	LVDS_A_DATA2#	11	GND
14	GND	13	LVDS_A_DATA2
16	NC	15	NC
18	LVDS_A_CLK#	17	GND
20	GND	19	LVDS_A_CLK
22	NC	21	NC
24	NC	23	GND
26	GND	25	NC
28	NC	27	NC
30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

10 : 4-Pin FAN Connector (+12V)

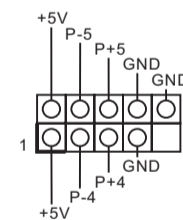
11 : 3-Pin FAN Connector (+12V)

SATA Power Connectors

- 12 : JPWR2
- 13 : JPWR1

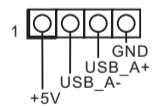


14 : USB Ports 4, 5



15 : USB Port 6

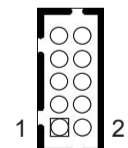
24 : USB Port 7 (Shared with mini PCIE Slot)



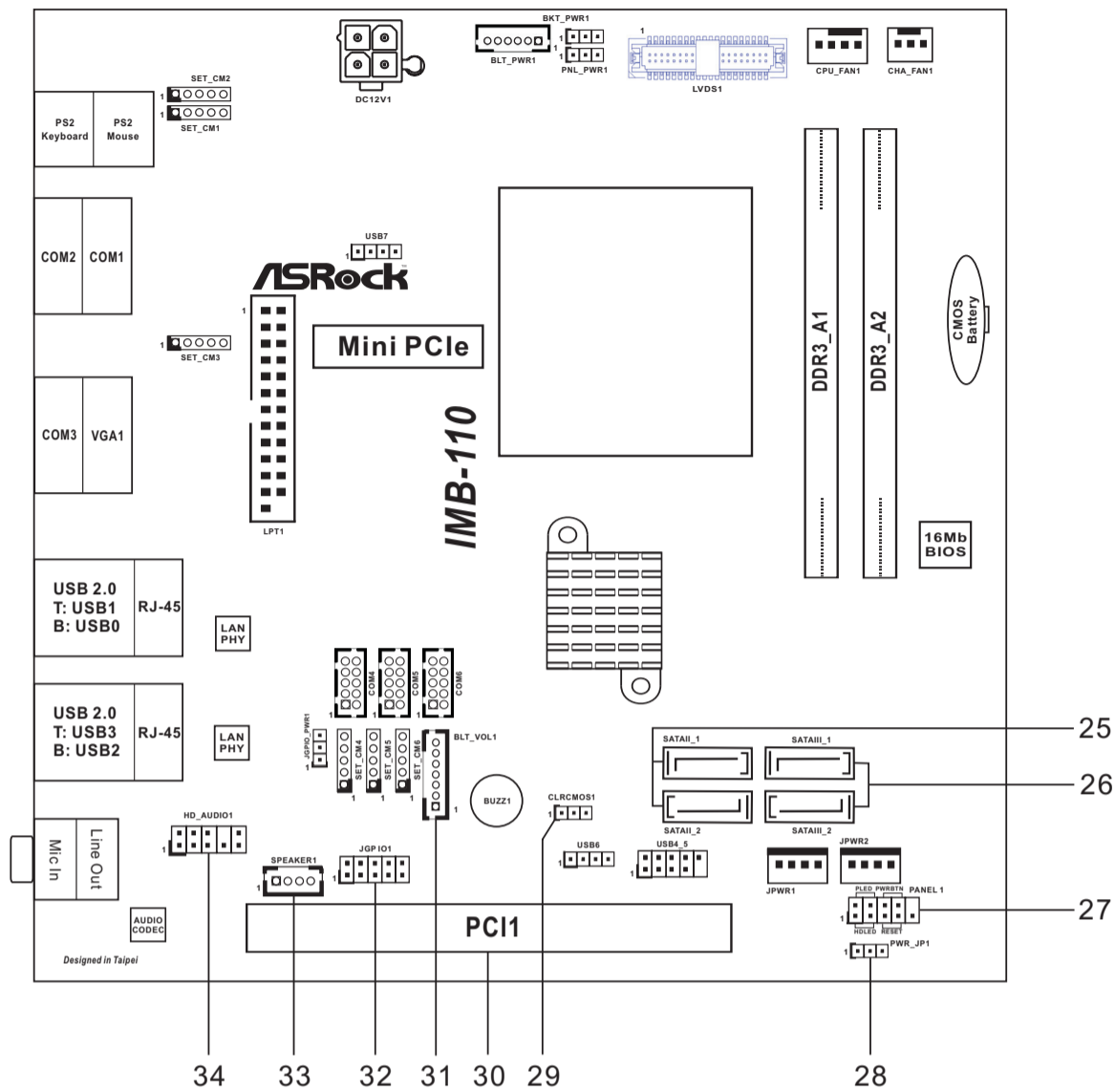
16 : Buzzer

COM Port Headers

- 20 : COM4
- 21 : COM5
- 22 : COM6

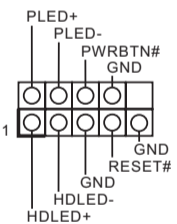


PIN	Signal Name	PIN	Signal Name
9	RI/+5V/+12V	10	NC
7	RTS	8	CTS
5	GND	6	DSR
3	TXD	4	DTR
1	DCD	2	RXD

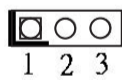


25 : SATAII_1 Connector (Blue)
SATAII_2 Connector (Blue)
26 : SATAIII_1 Connector (Red)
SATAIII_2 Connector (Red)

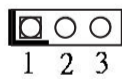
27 : System Panel Control Header



28 : ATX/AT Mode Jumper
1-2: AT Mode
2-3: ATX Mode

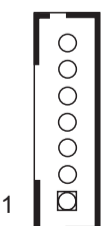


29 : Clear CMOS Jumper
1-2 : Normal Operation
2-3 : Clear CMOS



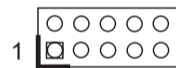
30 : PCI Slot

31 : Backlight & Amp Volume Control Header



PIN	Signal Name
7	GND
6	GND
5	GPIO_BLT_DW
4	GPIO_BLT_UP
3	NC
2	GPIO_VOL_DW
1	GPIO_VOL_UP

32 : Digital Input / Output Pin Header

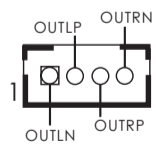


PIN	Signal Name	PIN	Signal Name
1	SIO_GP24	2	SIO_GP20
3	SIO_GP25	4	SIO_GP21
5	SIO_GP26	6	SIO_GP22
7	SIO_GP27	8	SIO_GP23
9	JGPIO_PWR1	10	GND

36 : Digital Input / Output Power Jumper
1-2: +12V
2-3: +5V

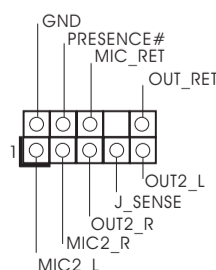


33 : 3W Audio AMP Output Wafer Header



PIN	Signal Name
1	OUTLN
2	OUTLP
3	OUTRP
4	OUTRN

34 : Front Panel Audio Header

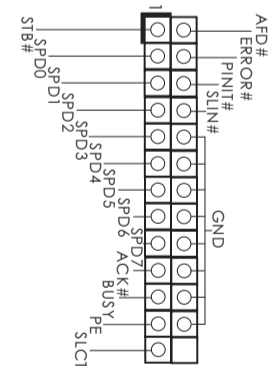


35 : Audio Jacks
Green - Line Out
Pink - Mic In

37 : RJ45 LAN Port + USB2.0 (USB2,3)

38 : RJ45 LAN Port + USB2.0 (USB0,1)

39 : Printer Port Header



40 : Top : VGA Port
Bottom : COM3

41 : Top : COM1
Bottom : COM2

42 : Green : PS/2 Mouse
Purple : PS/2 Keyboard