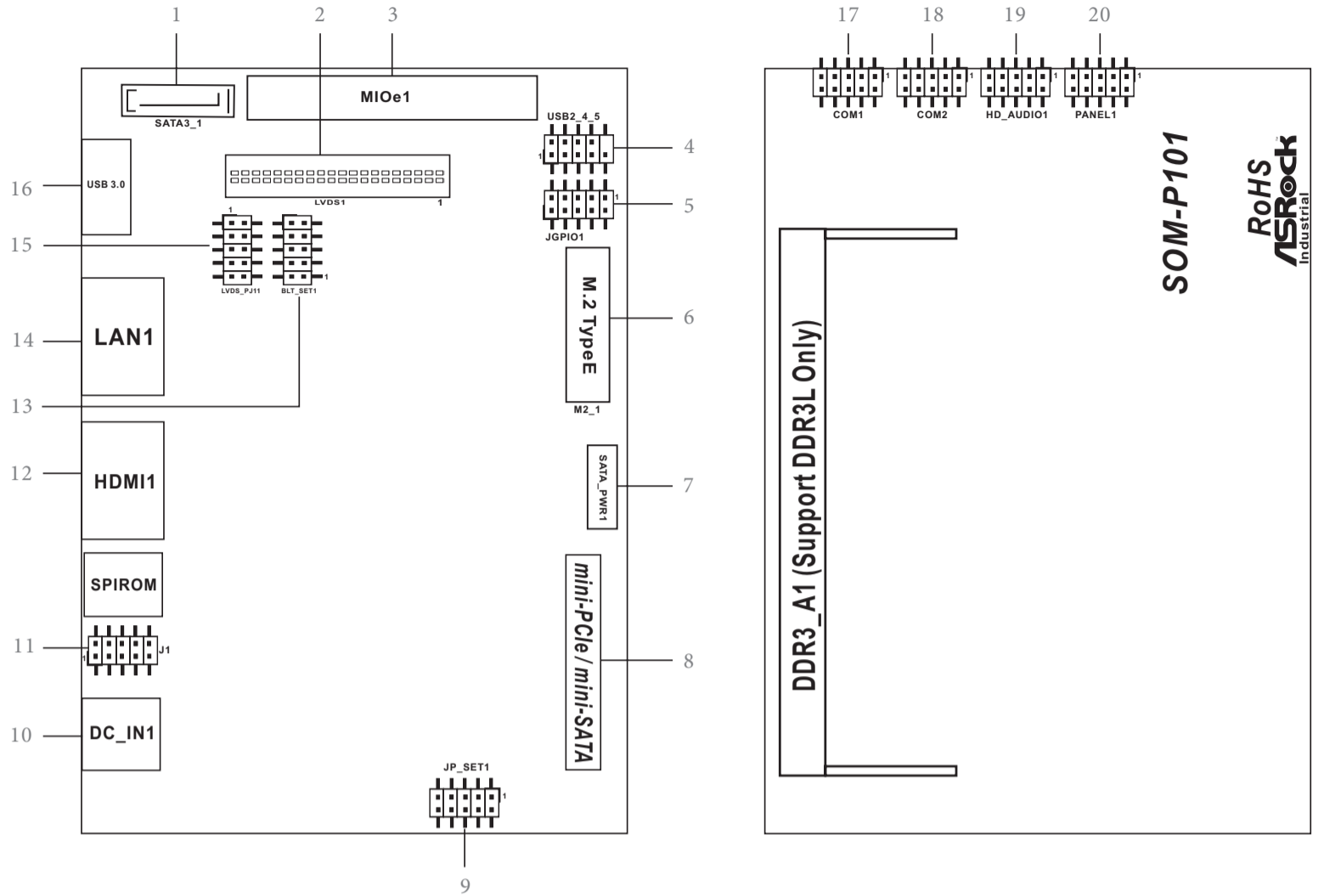


ASRock® Jumpers and Headers Setting Guide

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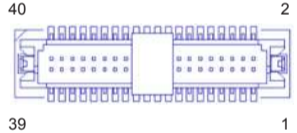
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1 : SATA3 Connector (SATA3_1)

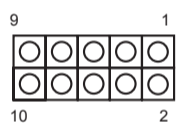
2 : LVDS Panel Connector

PIN	Signal Name	PIN	Signal Name
2	LCD_VCC	1	LCD_VCC
4	LDDC_CLK	3	+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_LBKLKT_EN	35	GND
38	LCD_BLT_VCC	37	CON_LBKLKT_CTL
40	LCD_BLT_VCC	39	LCD_BLT_VCC



8 : mini-PCle / mini-SATA Connector

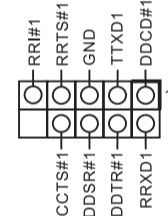
9 : JP_SET1



PIN	Signal Name	PIN	Signal Name	PIN	Signal Name	PIN	Signal Name	PIN	Signal Name
9	JGPIO_VSET	7	JGPIO_VSET	5	RTC_RST#	3	RTCRST2#	1	AT/ATX mode
10	+3V	8	GND	6	GND	4	GND	2	SIO_PSIN#

16 : USB3.0 Port

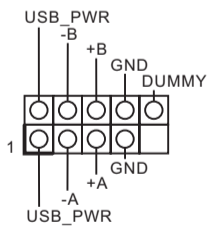
17 : COM Port Header (RS232/422/485)



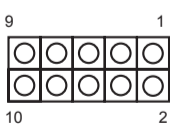
	RS232	RS422	RS485
PIN-1	DCD#_1	TX-	DATA-
PIN-2	RXD_1	TX+	DATA+
PIN-3	TXD_1	RX+	X
PIN-4	DTR#_1	RX-	X

3 : MIOe1 Connector

4 : USB2.0 Connector (USB2_4_5)

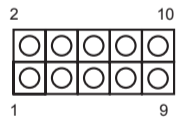


5 : Digital Input / Output Pin Header (JGPIO1)



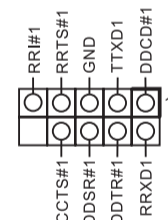
10 : DC Jack (+12V only)

11 : J1

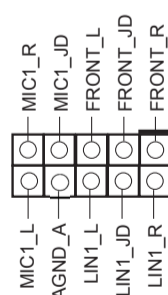


PIN	Signal Name	PIN	Signal Name	PIN	Signal Name	PIN	Signal Name	PIN	Signal Name
2	CASE_OPEN#	4	GPIO_TEST#	6	GND	8	MPCIE/MSATA_SEL	10	SOC_SPKR
1	GND	3	MIPI_SDA	5	MIPI_SCL	7	GND	9	+5V

18 : COM Port Header (RS232)



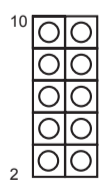
19 : Front Panel Audio Header



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

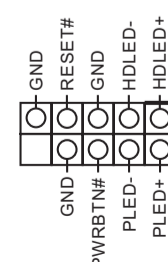
12 : HDMI Port

13 : BLT_SET1



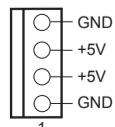
PIN	Signal Name	PIN	Signal Name
10	GND	9	GND
8	X	7	BLT_CTL
6	PWRDN	5	BLT_EN
4	BLUP	3	
2	BUDN	1	BLT_VCC

20 : System Panel Header



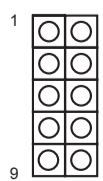
6 : M.2 TypeE with USB Connector

7 : SATA Power Output Connector



14 : LAN Port

15 : LVDS_PJ1



PIN	Signal Name	PIN	Signal Name
1	+3V	2	
3	+5V	4	PLVDD
5	+5V	6	
7	+12V	8	BLTVCC
9	+12V	10	