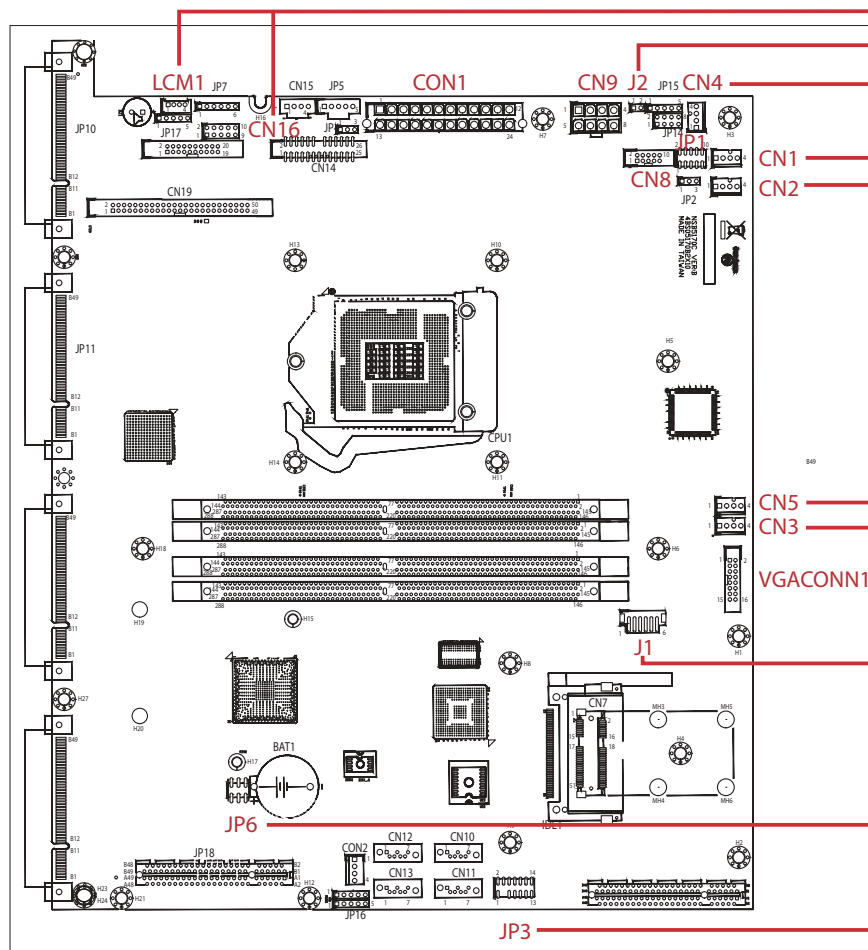


# NSA 5170C Quick Reference Guide



**LCM1: LCM**

1	4	Pin	Signal	Pin	Signal
		1	GND	3	SP_LCM_TXD
		2	SP_LCM_RXD	4	P3V3

**CN16: System Reset Header**

2	10	Pin	Description
		9	GND
1	9	10	System Reset

**CN1, CN2, CN3, CN4, CN5: FAN Wafer Conn.**

1	4	Pin	Description	Pin	Description
		1	GND	3	TACH
		2	P12V	4	PWM

**J2: Power Button**

1	2	Pin	Signal
		1	GND
		2	FP_PWR_BTN_N

**VGACONN1: VGA Conn.**

1	2	Pin	Signal	Pin	Signal
		1	DACROA_B	9	VGA_VCC
		2	DACGOA_B	10	GND
		3	DACBOA_B	11	N/A
		4	N/A	12	DDC_DATA0_B
		5	GND	13	AHSYNCO_B
		6	GND	14	AVSYNCO_B
		7	GND	15	DDC_CLK0_B
		8	GND	16	N/A

**JP6: RTC Clear**

2	6	Pin	Signal
		1	N/A
		2	ROMA0
		3	RST_RTCSRST_N
		4	ROMA_0_R
		5	GND
		6	80port_debug_sw

**J1: Rear USB 2.0**

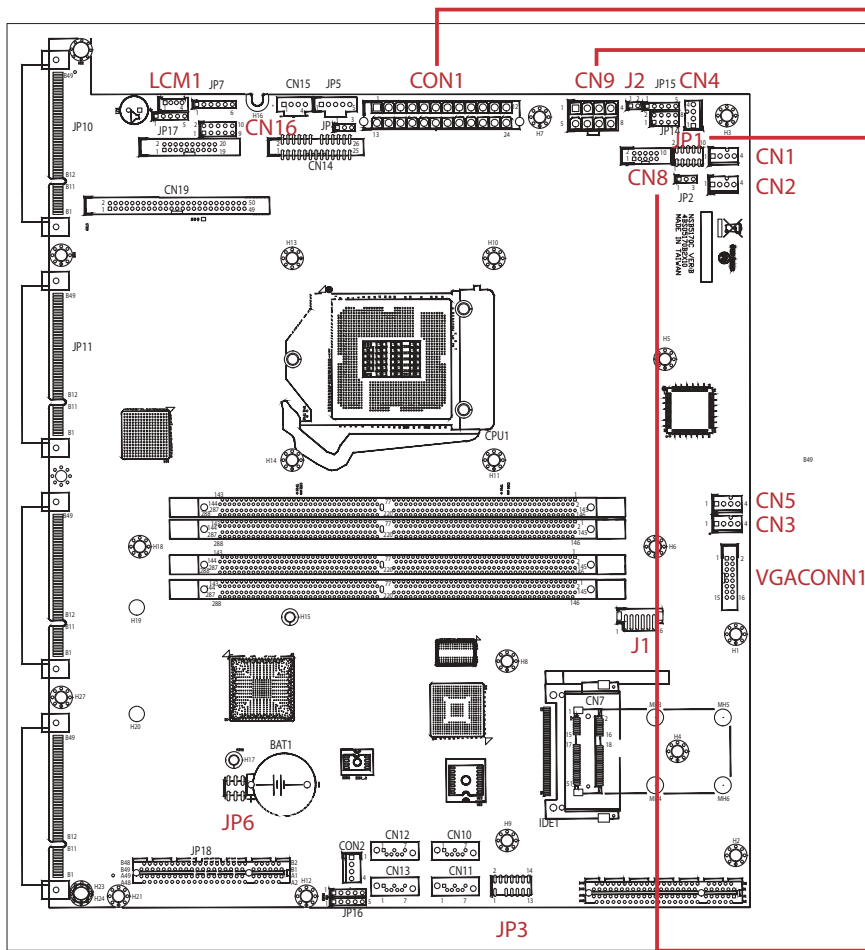
1	6	Pin	Description
		1	P5V_USB_P01
		2	USB2N0_C
		3	USB2P0_C
		4	USB2N1_C
		5	USB2P1_C
		6	GND

**JP3: TPM**

2	14	Pin	Signal	Pin	Signal
		1	GND	8	LPC_AD3_R1
		2	CLK_LPC_TPM_R	9	GND
		3	N/A	10	LPC_AD0_R1
		4	LPC_FRAME_R1_N	11	INT_SERIRQ_R1
		5	LPC_AD2_R1	12	P3V3
		6	RST_TPM_R1_N	13	GND
		7	LPC_AD1_R1	14	GND



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**CON1: Internal Power Conn.**

Pin	Signal	Pin	Signal
1	+3.3V	13	+3.3V
2	+3.3V	14	-12V
3	GND	15	GND
4	+5V	16	PS-ON
5	GND	17	GND
6	+5V	18	GND
7	GND	19	GND
8	PW-OK	20	RES/-5V
9	+5VSB	21	+5V
10	+12V	22	+5V
11	+12V	23	+5V
12	+3.3V	24	GND

**CN9: Internal Power Conn.**

Pin	Signal	Pin	Signal
1	GND	5	P12V
2	GND	6	P12V
3	GND	7	P12V
4	GND	8	P12V

**JP1: GPIO**

Pin	Signal	Pin	Signal
1	P3V3	6	SW_GPOUT2
2	GND	7	SW_GPIN3
3	SW_GPIN1	8	SW_GPOUT3
4	SW_GPOUT1	9	SW_GPIN4
5	SW_GPIN2	10	SW_GPOUT4

**CN8: COM 1**

Pin	Signal	Pin	Signal
1	COM2_DCD	6	COM2_DSR
2	COM2_RXD	7	COM2_RTS
3	COM2_TXD	8	COM2_CTS
4	COM2_DTR	9	COM2_RI
5	GND	10	GND

