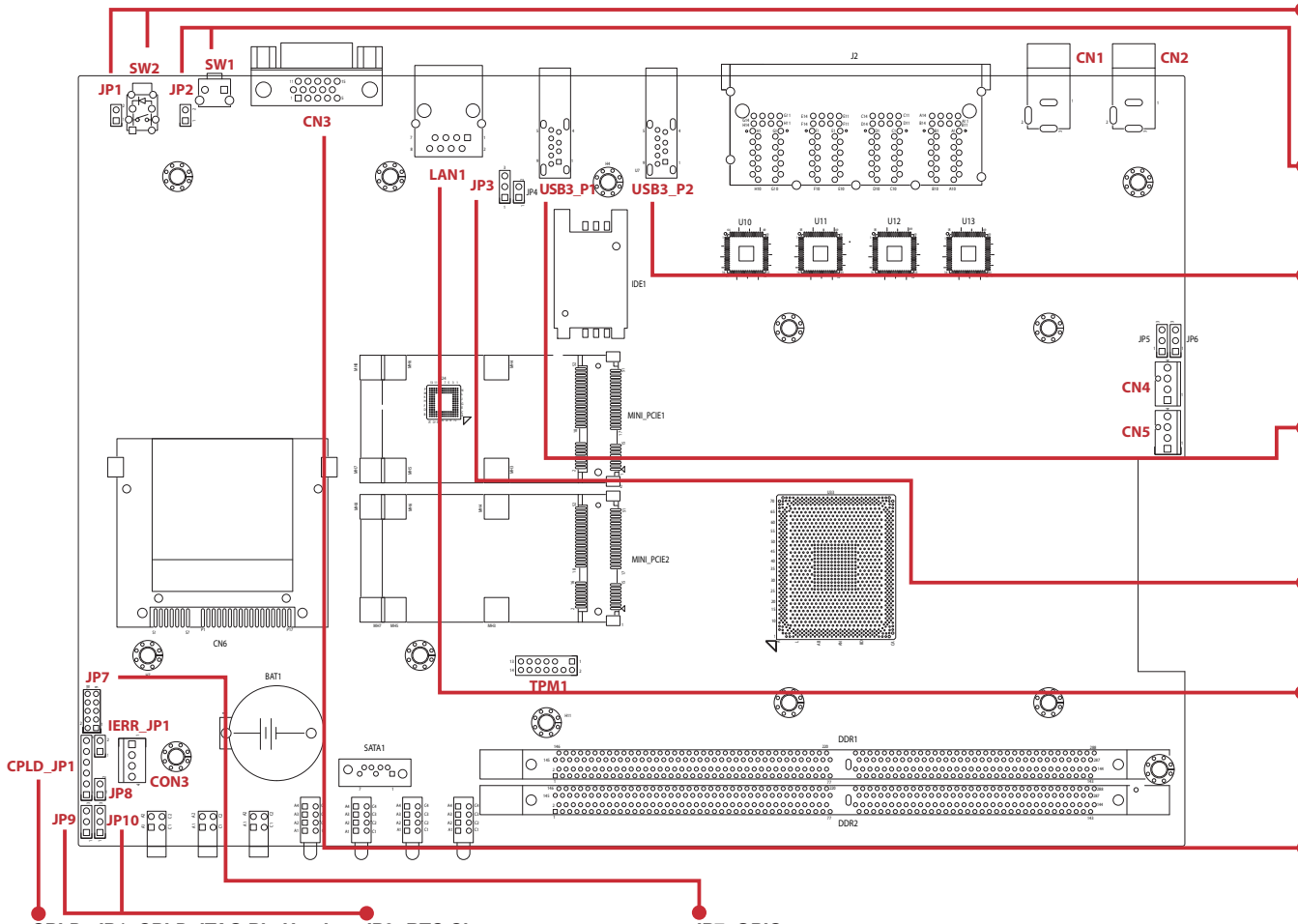
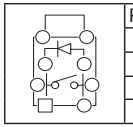
DNA1160 Quick Reference Guide

Ver A. (P/N: TBD)

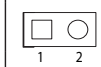


SW2: System Reset Button



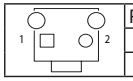
Pin	Description
1	PWR_BTN_CAL_N
2	GND
3	PWR_BTN_CAL_N
4	GND

JP1: System Reset Button



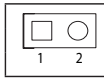
Pin	Description
1	PWR_BTN_CAL_N
2	GND

SW1: System Reset Button



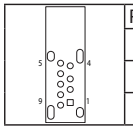
Pin	Description
1	GND
2	RST_BTN_CAL_N

JP2: System Reset Button



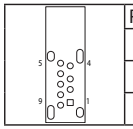
Pin	Description
1	RW_SW_RST
2	GND

USB3_P2: USB3.0



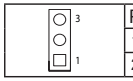
Pin	Description	Pin	Description	Pin	Description
1	P5V_USB	4	GND	7	GND
2	USB2_P1-	5	USB3_RX_D1-	8	USB3_TX_D1-
3	USB2_P1+	6	USB3_RX_D1+	9	USB3_TX_D1+

USB3_P1: USB3.0



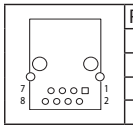
Pin	Description	Pin	Description	Pin	Description
1	P5V_USB	4	GND	7	GND
2	USB2_P0-	5	USB3_RX_D0-	8	USB3_TX_D0-
3	USB2_P0+	6	USB3_RX_D0+	9	USB3_TX_D0+

JP3: Console CTS Strap PIN header



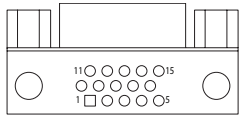
Pin	Description
1-2	RTS to CTS
2-3	NORMAL

LAN1: COM 1



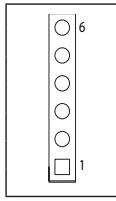
Pin	Description	Pin	Description
1	SP_RTS1_R	5	SP_DCD1_R
2	SP_DTR1_R	6	SP_RXD1_R
3	SP_TXD1_R	7	SP_DSR1_R
4	GND	8	SP_CTS1_CON

CN3: VGA Conn



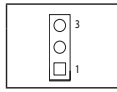
Pin	Description	Pin	Description	Pin	Description
1	DACROA_B	7	GND	13	AHSYNCO_B
2	DACGOA_B	8	GND	14	AVSYNCO_B
3	DACBOA_B	9	VGA_VCC	15	DDC_CLKO_B
4	NC	10	GND		
5	GND	11	NC	MH1	NC
6	GND	12	AVSYNCO_B	MH2	NC

CPLD_JP1: CPLD JTAG Pin Header



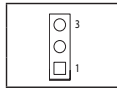
Pin	Description
1	P3V_STBY
2	GND
3	JTAG_TCK
4	JTAG_TDO
5	JTAG_TDI
6	JTAG_TMS

JP9: RTC Clear



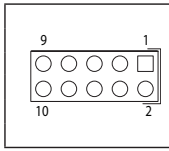
Pin	Description
1-2	Normal
2-3	Clear CMOS

JP10: PMC Clear



Pin	Description
1-2	Normal
2-3	Clear PMC

JP7: GPIO



Pin	Description	Pin	Description
1	P5V	6	SIO_GPOUT2
2	GND	7	SIO_GPIN3
3	SIO_GPIN1	8	SIO_GPOUT3
4	SIO_GPOUT1	9	SIO_GPIN4
5	SIO_GPIN2	10	SIO_GPOUT4

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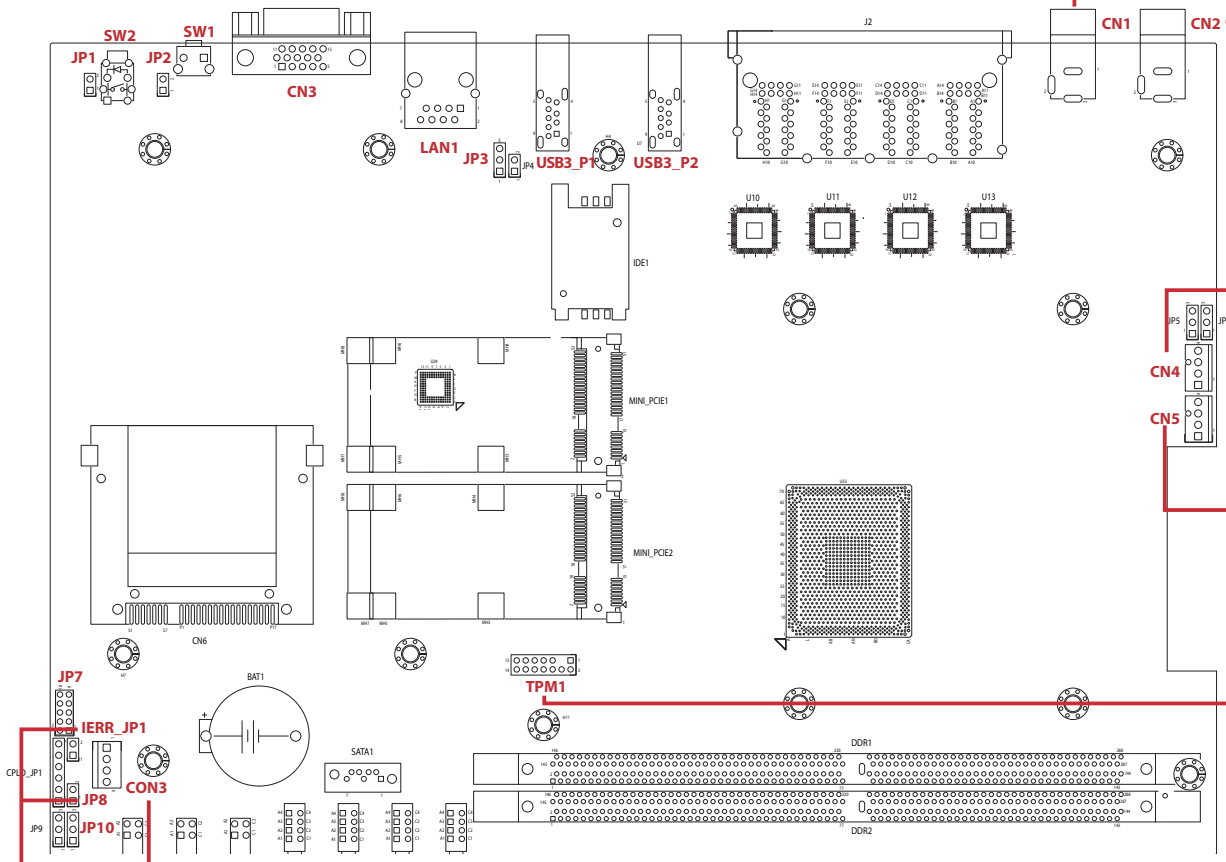
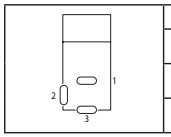
Ver A. (P/N: TBD)

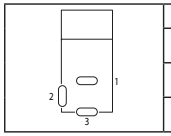


CN1: DC-12V power Connector



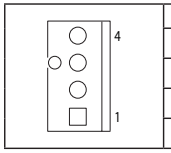
Pin	Description
1	GND
2	GND
3	DC_IN2

CN2: DC-12V power Connector



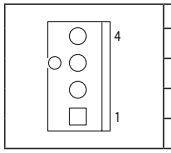
Pin	Description
1	GND
2	GND
3	DC_IN1

CN4: System Fan Connector



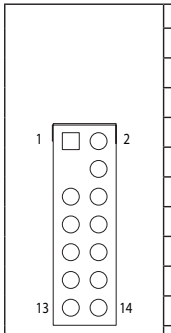
Pin	Description
1	GND
2	P12V
3	TACH
4	PWM

CN5: CPU Fan Connector



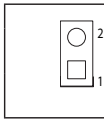
Pin	Description
1	GND
2	P12V
3	TACH
4	PWM

TPM1: TPM Header



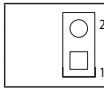
Pin	Description
1	GND
2	LPC_CLKOUT1_BK
3	KEY
4	LPC_FRAME_N
5	LPC_LAD2
6	CPLD_TPM_PLTRST_N
7	LPC_LAD1
8	LPC_LAD3
9	GND
10	LPC_LAD0
11	IRQ_ILB_SEIRQ_AVN
12	P3V3
13	GND
14	GND

IERR_JP1: Flash Security Override (IERR)



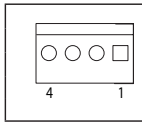
Pin	Description
NC	FLASH DESCRIPTOR SECURITY LOCKED (DEFAULT)
1-2	FLASH DESCRIPTOR SECURITY UNLOCKED - REQUIRES EXTERNAL PULL-UP

JP8: ME RECOVER MODE



Pin	Description
NC	NORMAL (DEFAULT)
1-2	ME RECOVER MODE

CON3: SATA Power Connector



Pin	Description
1	P12V
2	GND
3	GND
4	P5V