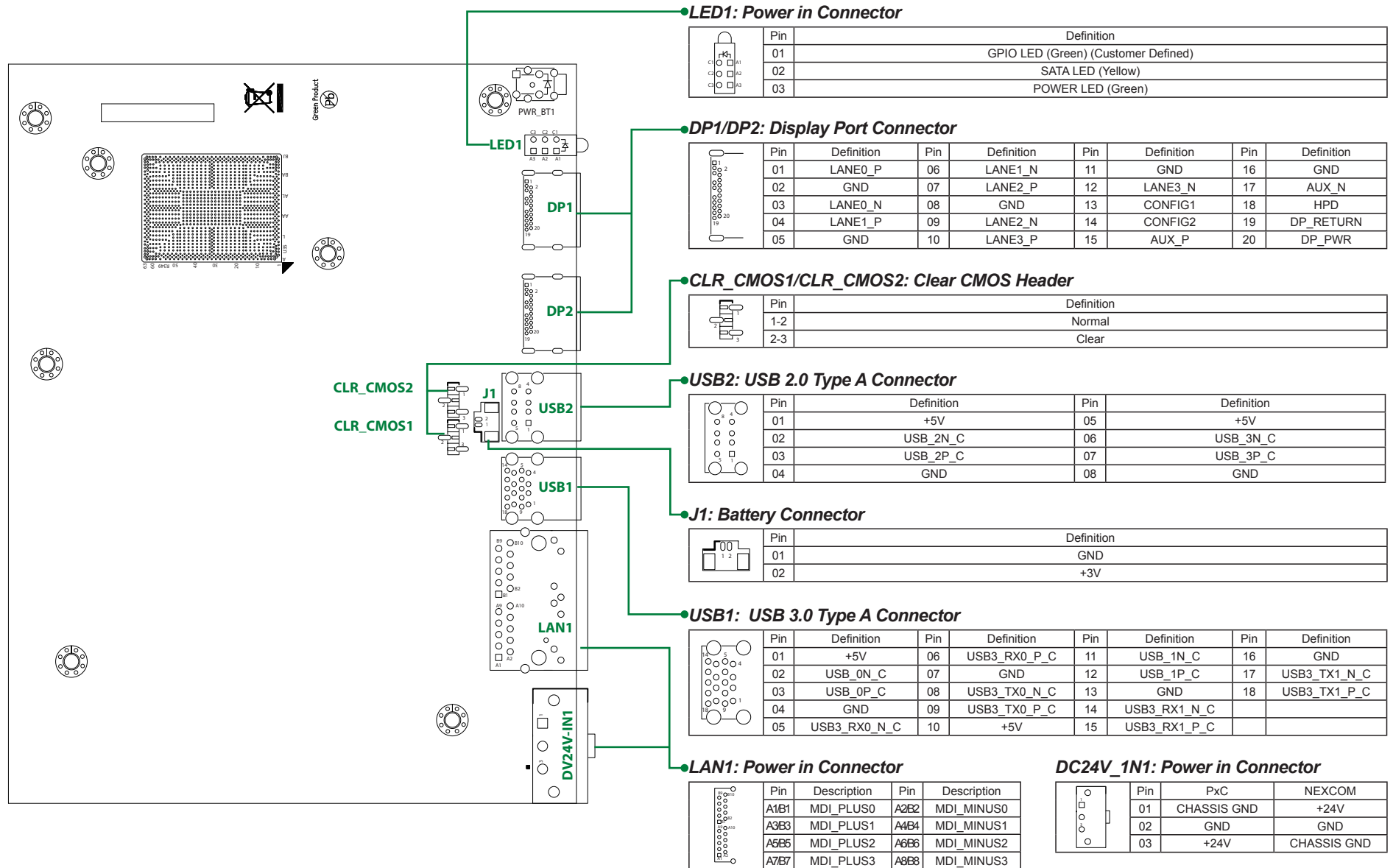


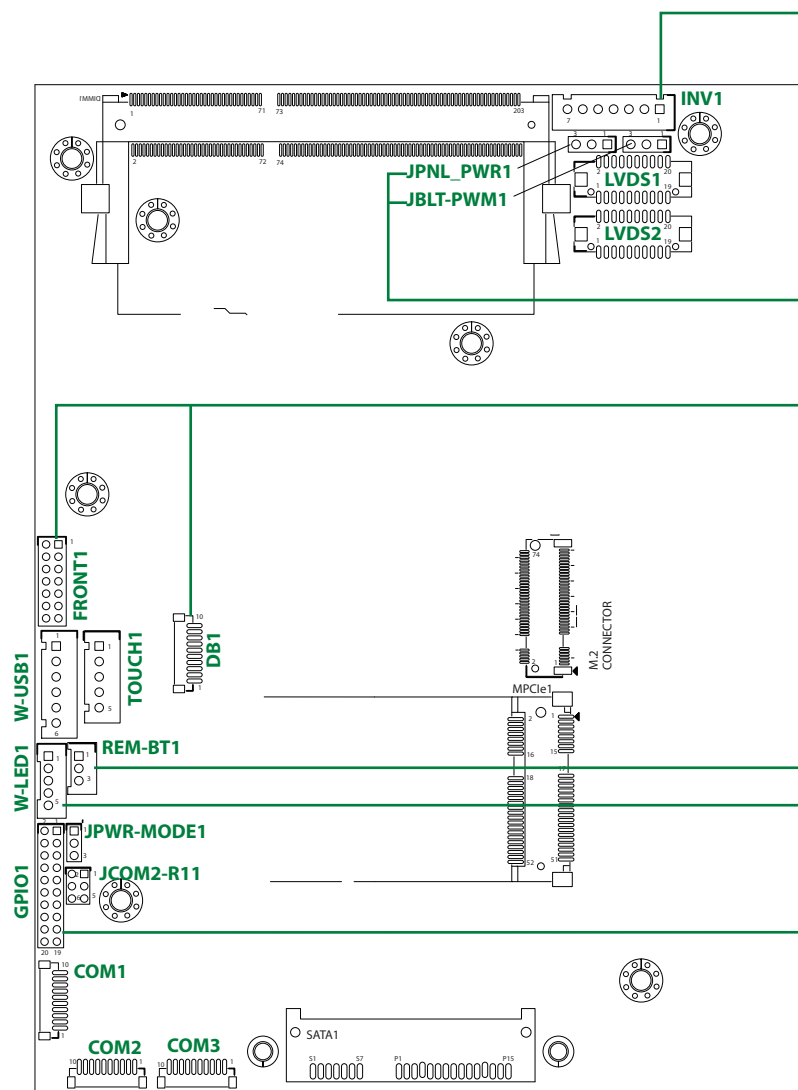
NISE 108 Quick Reference Guide

Ver A. (P/N: 60177A0724X00)



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• **INV1: LVDS Inverter Connector**

Pin	Definition	Pin	Definition
01	+5V	05	GND
02	+12V	06	GND
03	+12V	07	BKLEN
04	BKCTRL		

• **JPWL_PWR1: LVDS Panel Power Selection Jumper**

Pin	Definition
1-2	+3V3
2-3	+5V

• **JBLT_PWM1: Backlight Volume Selection Jumper**

Pin	Definition
1-2	+3V3
2-3	+5V

• **FRONT1: Front Panel Connector**

Pin	Definition	Pin	Definition
01	PWR_LED#	02	PWR_LED
03	HDD_LED#	04	HDD_LED
05	MAIN_SMBCLK	06	+3V3
07	MAIN_SMBDATA	08	GND
09	SLP_S3#	10	PS_ON
11	PWR_BTN#	12	GND
13	RST_BTN#	14	GND

• **DB1: Debug Connector**

Pin	Definition	Pin	Definition
01	GND	02	LPC_PLTRST#
03	LPC_CLK	04	LPC_LFRAME#
05	LPC_LAD3	06	LPC_LAD2
07	LPC_LAD1	08	LPC_LAD0
09	LPC_SERIRQ	10	+3.3V

• **W-LED1: LED Connector**

Pin	Definition	Pin	Definition
01	HDD_LED-	04	STBY_LED+
02	HDD_LED+	05	POWER_LED+
03	GND		

• **REM_BT1: Remote On/Off Connector**

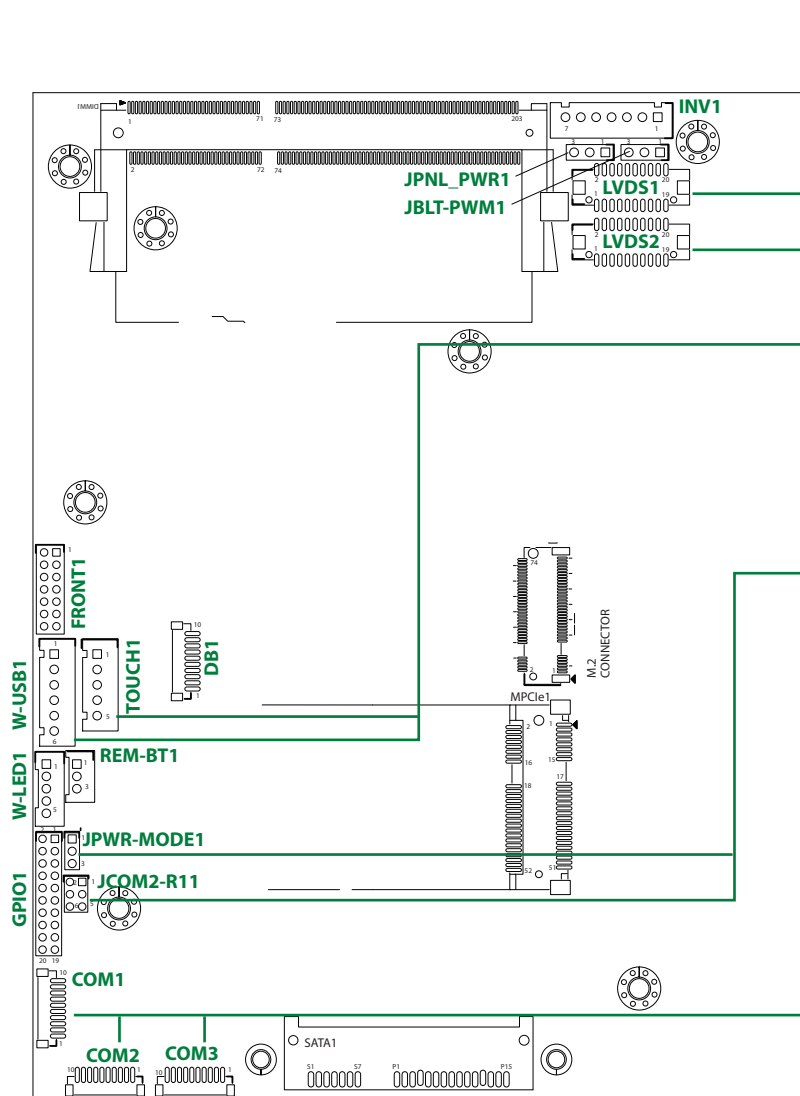
Pin	Definition
01	REMOTE_S3
02	GND
03	REMOTE_PWRBT#

• **GPIO1: GPIO Connector**

Pin	Definition	Pin	Definition
01	+5V	02	+5V
03	GPO_0	04	GPI_0
05	GPO_1	06	GPI_1
07	GPO_2	08	GPI_2
09	GPO_3	10	GPI_3
11	GPO_4	12	GPI_4
13	GPO_5	14	GPI_5
15	GPO_6	16	GPI_6
17	GPO_7	18	GPI_7
19	GND	20	GND

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LVDS1: LVDS Connector

Pin	Definition	Pin	Definition
01	CH7511_GPIO0	02	CH7511_GPIO1
03	+VCC_LCD	04	LVDSA_LDC0P
05	LVDSA_LDC3P	06	LVDSA_LDC0N
07	LVDSA_LDC3N	08	+VCC_LCD
09	GND	10	LVDSA_LDC1P
11	LVDSA_LL1CP	12	LVDSA_LDC1N
13	LVDSA_LL1CN	14	GND
15	GND	16	+V_INV
17	LVDSA_LDC2P	18	+V_INV
19	LVDSA_LDC2N	20	GND

LVDS2: LVDS Connector

Pin	Definition	Pin	Definition
01	CH7511_GPIO2	02	CH7511_GPIO3
03	+VCC_LCD	04	LVDSB_LDC4P
05	LVDSB_LDC7P	06	LVDSB_LDC4N
07	LVDSB_LDC7N	08	+VCC_LCD
09	GND	10	LVDSB_LDC5P
11	LVDSB_LL2CP	12	LVDSB_LDC5N
13	LVDSB_LL2CN	14	GND
15	GND	16	+V_INV
17	LVDSB_LDC6P	18	+V_INV
19	LVDSB_LDC6P	20	GND

W_USB1: Internal USB 2.0 Connector

Pin	Definition
01	+5V
02	USB_4N_C
03	USB_4P_C
04	-
05	-
06	GND

TOUCH1: Touch Screen Connector

Pin	Definition
01	UR
02	LR
03	Sense
04	UL
05	LL

JPWR_MODE1: ATX/AT Mode Selection

Pin	Definition
1-2	ATX
2-3	AT

JCOM2_R11: COM2 Port PWR Setting Jumper

Pin	Definition
1-2	+12V
3-4	RING
5-6	+5V

COM1/COM2: COM Port Connector (RS-232)

Pin	Definition	Pin	Definition
01	DCD#	02	RXD
03	TXD	04	DTR#
05	GND	06	DSR#
07	RTS#	08	CTS#
09	RI#	10	GND

COM3: COM Port Connector (RS-232/422/485)

Pin	Definition	Pin	Definition
01	DCD# / TX-	02	RXD / TX+
03	TXD / RX+	04	DTR# / RX-
05	GND	06	DSR#
07	RTS#	08	CTS#
09	RI#	10	GND

Quick reference guide is subject to change without prior notice. For any update, please visit our website: www.nexcom.com

☐=Pin1 [*]=Default setting