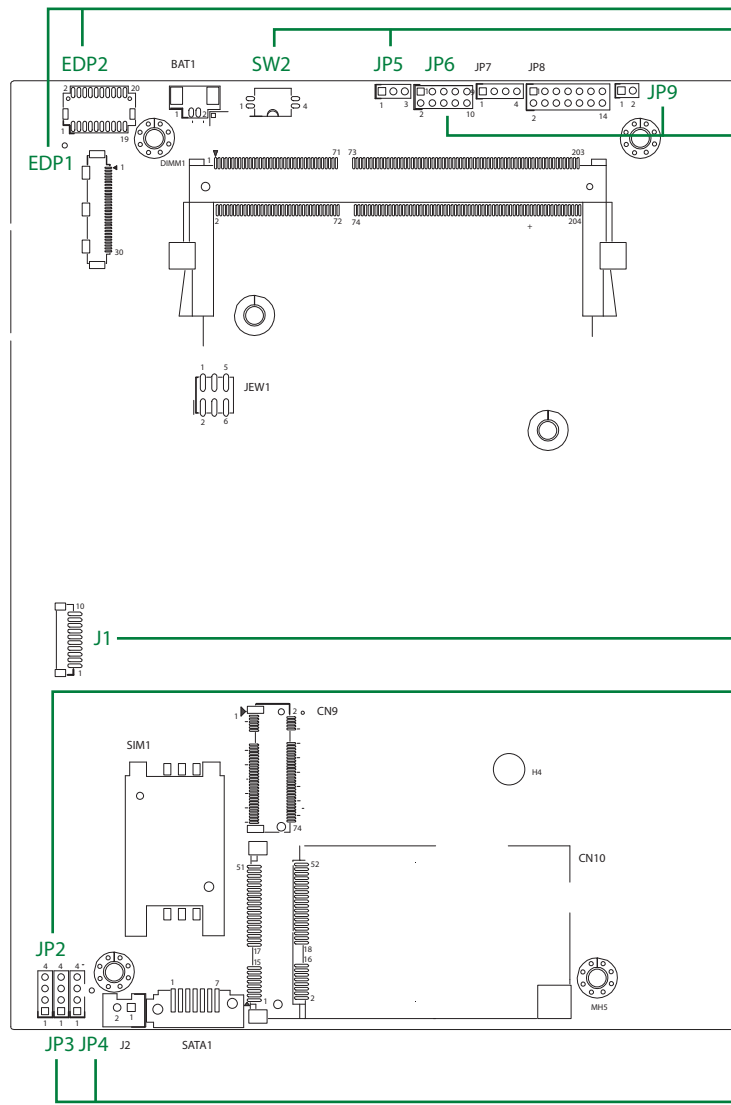


# NISE 105U Quick Reference Guide

Ver A. (P/N: 60177A0692X00)



## EDP1: EDP Connector

Pin	Description	Pin	Description
01	EDP_TX0N	19	VCC3
02	EDP_TX0P	20	GND
03	GND	21	GND
04	EDP_TX1N	22	VCC5
05	EDP_TX1P	23	VCC5
06	GND	24	VCC5
07	EDP_AUXP	25	GND
08	EDP_AUXN	26	GND
09	GND	27	EDP_12V
10	EDP_SMB_CLK	28	EDP_12V
11	EDP_SMB_DAT	29	EDP_12V
12	GND	30	GND
13	EDP_HPD	MH1	GND
14	EDP_PWM_CTRL	MH2	GND
15	EDP_BKL_EN	MH3	GND
16	PLTRST	MH4	GND
17	VCC3	MH5	GND
18	VCC3		

## SW2: RTC Switch (default all off)

Pin	Description	Pin	Description
01	SRTC_TEST#	02	RTC_TEST#
03	GND	04	GND

## JP6: GPIO Pin Header

Pin	Description	Pin	Description
01	VCC5	06	ICH_GPI1_IN
02	GND	07	ICH_GPO2_OUT
03	ICH_GPO0_OUT	08	ICH_GPI2_IN
04	ICH_GPI0_IN	09	ICH_GPO3_OUT
05	ICH_GPO1_OUT	10	ICH_GPI3_IN

## J1: Port 80 Connector

Pin	Description	Pin	Description
01	GND	02	PLTRST_3P3#
03	LPC_CLK0_DEBUG	04	LPC_FRAME#
05	LPC_AD3	06	LPC_AD2
07	LPC_AD1	08	LPC_AD0
09	VCC3	10	VCC3
MH1	GND	MH2	GND

## JP3: LINE\_IN Connector

Pin	Description	Pin	Description
01	FLIN_L	03	GND
02	JD	04	FLIN_R

## EDP2: EDP Connector

Pin	Description	Pin	Description
01	HUBUSB_DP3	13	VCC3
02	GND	14	3VSB
03	HUBUSB_DN3	15	VCC5
04	HUB_OC34	16	5VSB
05	GND	17	EDP_12v
06	USB_DP3_GPIO	18	5VSB
07	HUBUSB_DP4	19	EDP_12v
08	USB_DP4_GPIO	20	GND
09	HUBUSB_DN4	NH1	NA
10	GND	NH2	NA
11	GND	MH1	GND
12	3VSB	MH2	GND

## JP5: AT/ATX Pin Header

Pin	Description
1-2	AT
*2-3	ATX

## JP9: Reset Pin Header

Pin	Description
01	PM_RESET#_J
02	GND

## JP2: LINE\_OUT Pin Header

Pin	Description	Pin	Description
01	OUT_L	03	AGND
02	NC	04	OUT_R

## JP4: MIC\_IN Pin Header

Pin	Description	Pin	Description
01	MIC1_L3	03	MIC_GND
02	NC	04	MIC1_R3