

Chapter

1

**Quick  
Installation  
Guide**

## 1.1 Safety Precautions

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**Warning!**

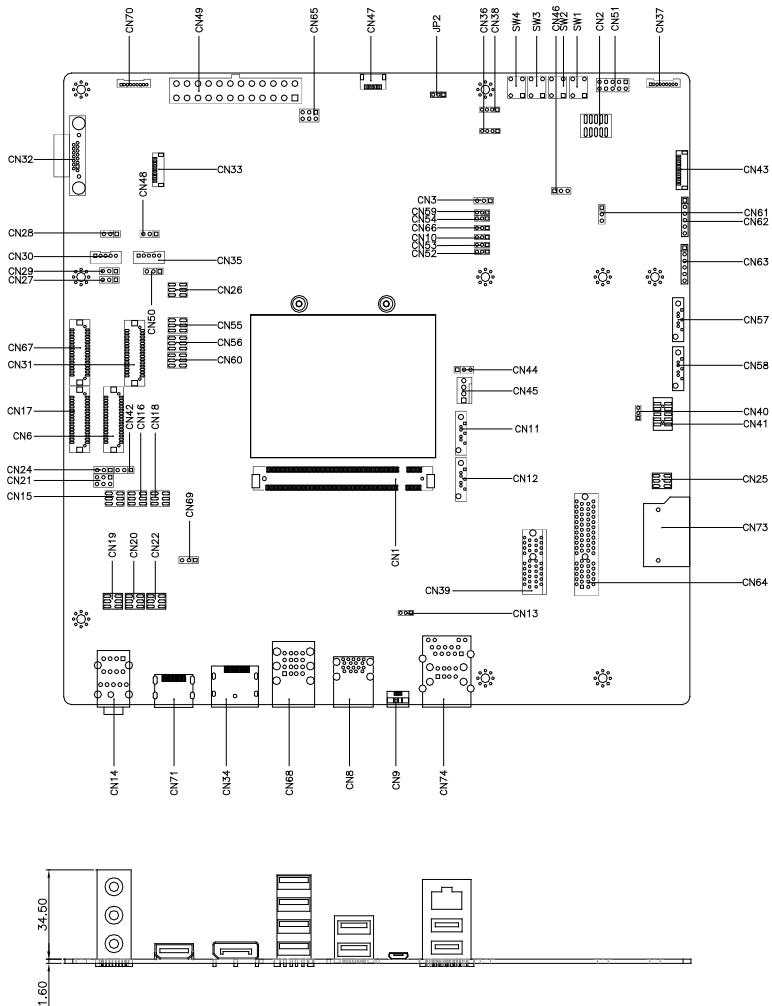
*Always completely disconnect the power cord from your board whenever you are working on it. Do not make connections while the power is on, because a sudden rush of power can damage sensitive electronic components.*

**Caution!**

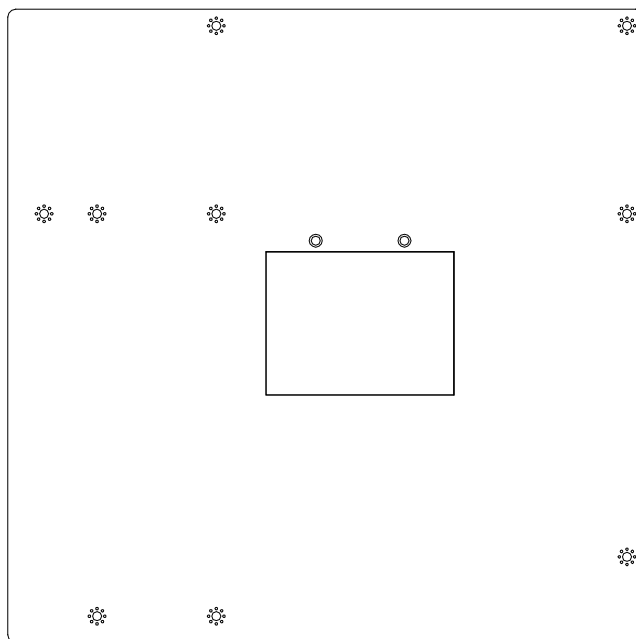
*Always ground yourself to remove any static charge before touching the board. Modern electronic devices are very sensitive to static electric charges. Use a grounding wrist strap at all times. Place all electronic components on a static-dissipative surface or in a static-shielded bag when they are not in the chassis*

## 1.2 Location of Connectors and Jumpers

### Component Side

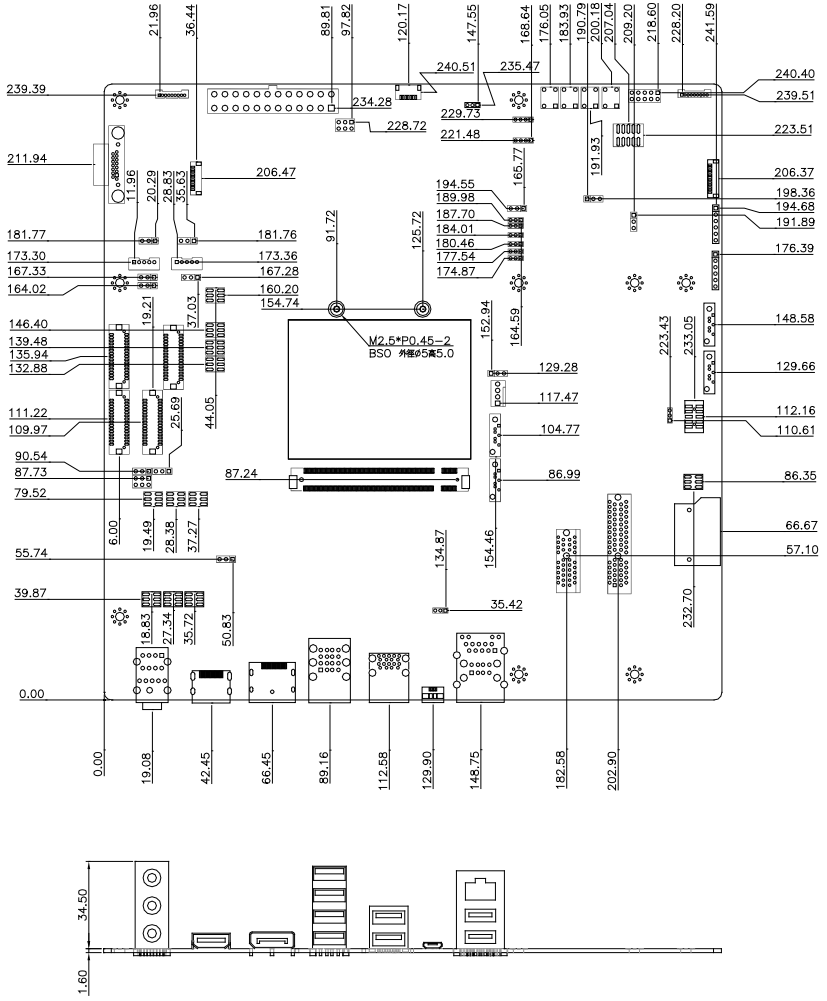


**Solder Side**

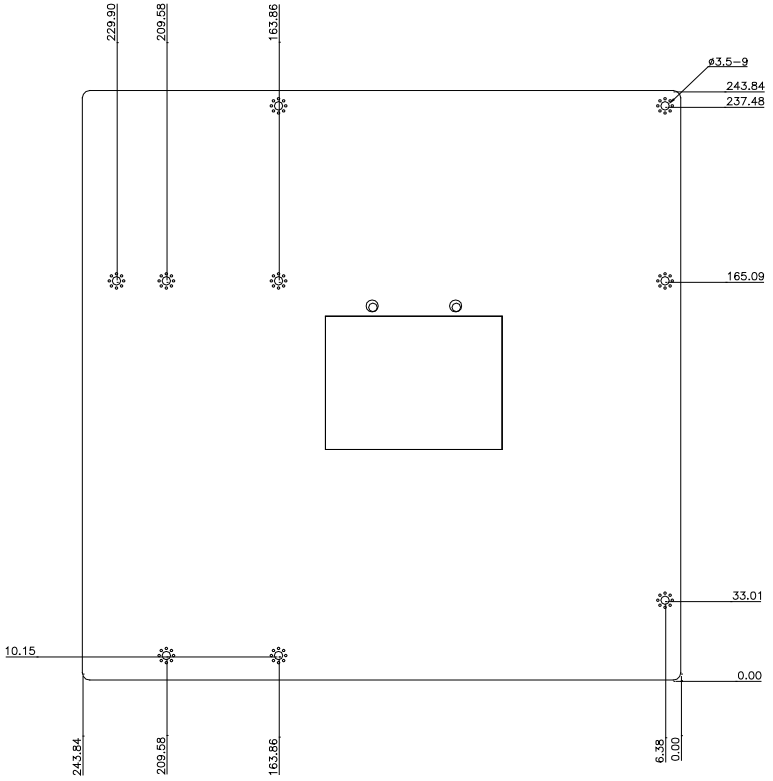


### 1.3 Mechanical Drawing

#### Component Side



Solder Side



## 1.4 List of Jumpers

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The board has a number of jumpers that allow you to configure your system to suit your application.

The table below shows the function of each of the board's jumper:

<b>Label</b>	<b>Function</b>
SW1	Button
SW2	Reset
SW3	LID#
SW4	Sleep#
JP2	RTC Battery
CN3	Disable BIOS Control
CN10	USB#1 SW
CN13	USB OTG Power
CN15,CN16	Audio Input SW Control
CN18	Audio Input SW Control
CN19,CN20,CN22	Audio Output SW Control
CN21	Audio Power SW Control
CN24	Audio power SW for ALC (X86)
CN25	PCIE Control
CN26	AD5247 CTRL
CN27,CN42	LVDS Voltage
CN28,CN48	LVDS inverter
CN29,CN50	LVDS Backlight Control
CN40	LPC CLK Buffer Power
CN44	FAN Voltage
CN46	Clear CMOS
CN52	USB (#6#7) SW

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CN53	USB (#4#5) SW
CN54,CN59	LVDS/eDP SW
CN56,CN60	LVDS/eDP SW
CN61	80H power Control
CN65	Power ON Control
CN66	LVDS/DP SW
CN69	HDMI POWER

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## 1.5 List of Connectors

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The board has a number of connectors that allow you to configure your system to suit your application. The table below shows the function of each board's connectors:

<b>Label</b>	<b>Function</b>
CN1	AQ7 MXM 230P Connector
CN2	TEST PORT
CN6	eDP Connector
CN8	USB3.0 PORT (#0#6#7)(#1#4#5)
CN9	Micro USB OTG PORT (#1)
CN11	SATA PORT (#0)
CN12	SATA PORT (#1)
CN14	Audio Connector
CN17	eDP Connector
CN30,CN35	LVDS Inverter Connector
CN31	LVDS Connector
CN32	VGA Output Connector
CN33	VGA Input Connector
CN34	DP Connector
CN36	SMBUS
CN37	SIO Slot
CN38	I2C
CN39	Super I/O Card Slot
CN41	DIO Connector
CN43	LPC Port
CN47	UART FOR IMX6
CN49	ATX Power Connector

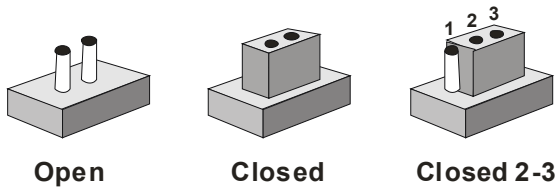
CN51	Front panel
CN63	CPLD
CN64	PCI-Express [x4] Connector
CN67	LVDS Connector
CN68	USB2.0 PORT (#4#5#6#7)
CN70	UART FOR IMX6
CN71	HDMI Connector
CN73	SD Connector
CN74	USB2.0 & LAN PORT (#2#3)

## 1.6 Setting Jumpers

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You configure your card to match the needs of your application by setting jumpers. A jumper is the simplest kind of electric switch. It consists of two metal pins and a small metal clip (often protected by a plastic cover) that slides over the pins to connect them. To “close” a jumper you connect the pins with the clip.

To “open” a jumper you remove the clip. Sometimes a jumper will have three pins, labeled 1, 2 and 3. In this case you would connect either pins 1 and 2 or 2 and 3.



A pair of needle-nose pliers may be helpful when working with jumpers.

If you have any doubts about the best hardware configuration for your application, contact your local distributor or sales representative before you make any change.

Generally, you simply need a standard cable to make most connections.

## 1.7 RTC Battery (JP2)



AQ7-LN



AQ7-IMX6

Pin	Signal
1-2	Via power button
2-3	auto power button

## 1.8 MXM Connector Pinout (CN1)

Pin	Signal	Pin	Signal
1	GND	2	GND
3	GBE_MDI3-	4	GBE_MDI2-
5	GBE_MDI3+	6	GBE_MDI2+
7	GBE_LINK100#	8	GBE_LINK1000#
9	GBE_MDI1-	10	GBE_MDI0-
11	GBE_MDI1+	12	GBE_MDI0+
13	GBE_LINK#	14	GBE_ACT#
15	GBE_CTREF	16	NC
17	WAKE#	18	SUS_S3#
19	SUS_STAT#	20	PWRBTN#
21	SLEEP#	22	LID#
23	GND	24	GND
KEY		KEY	
25	GND	26	PWR_OK
27	BATLOW#	28	SYS_RESET#
29	SATA0_TX+	30	SATA1_TX+
31	SATA0_TX-	32	SATA1_TX-

33	SATA_LED#	34	GND
35	SATA0_RX+	36	SATA1_RX+
37	SATA0_RX-	38	SATA1_RX-
39	GND	40	GND
41	BIOS_DISABLE#	42	SDIO_CLK
43	SDIO_CD#	44	SDIO_LED
45	SDIO_CMD	46	SDIO_WP
47	SDIO_PWR#	48	SDIO_DATA1
49	SDIO_DATA0	50	SDIO_DATA3
51	SDIO_DATA2	52	SDIO_DATA5
53	SDIO_DATA4	54	SDIO_DATA7
55	SDIO_DATA6	56	NC
57	GND	58	GND
59	AUDIO_SYNC	60	SMBCLK_SBY
61	AUDIO_RST#	62	SMBDAT_SBY
63	AUDIO_BITCLK	64	SMB_ALERT#
65	AUDIO_SDIN0	66	I2C_CK
67	AUDIO_SDOUT	68	I2C_DAT
69	THRM#	70	WDTRIG#
71	THRMTRIP#	72	WDT
73	GND	74	GND
75	USB_P7-	76	USB_P6-
77	USB_P7+	78	USB_P6+
79	USB_6_7_OC#	80	USB_4_5_OC#
81	USB_P5-	82	USB_P4-
83	USB_P5+	84	USB_P4+
85	USB_2_3_OC#	86	USB_0_1_OC#
87	USB_P3-	88	USB_P2-

89	USB_P3+	90	USB_P2+
91	USB_CC	92	USB_ID
93	USB_P1-	94	USB_P0-
95	USB_P1+	96	USB_P0+
97	GND	98	GND
99	LV_eDP_A0+	100	LV_eDP_B0+
101	LV_eDP_A0-	102	LV_eDP_B0-
103	LV_eDP_A1+	104	LV_eDP_B1+
105	LV_eDP_A1-	106	LV_eDP_B1-
107	LV_eDP_A2+	108	LV_eDP_B2+
109	LV_eDP_A2-	110	LV_eDP_B2-
111	LVDS_VDD_EN	112	LVDS_BKLT_EN
113	LV_eDP_A3+	114	LV_eDP_B3+
115	LV_eDP_A3-	116	LV_eDP_B3-
117	GND	118	GND
119	LV_eDP_A_CK+	120	LV_eDP_B_CK+
121	LV_eDP_A_CK-	122	LV_eDP_B_CK-
123	LV_eDP_BKLT_CTRL	124	NC
125	LV_eDP_DDCDAT	126	LV_eDP_BLC_DDCDAT
127	LV_eDP_DDCCLK	128	LV_eDP_BLC_DDCCLK
129	CAN_TX	130	CAN_RX
131	HDMI_DP_PAIR3+	132	NC
133	HDMI_DP_PAIR3-	134	NC
135	GND	136	GND
137	HDMI_DP_PAIR1+	138	DP_CTRLCLK_AUX+
139	HDMI_DP_PAIR1-	140	DP_CTRLDATA_AUX-
141	GND	142	GND
143	HDMI_DP_PAIR2+	144	NC

145	HDMI_DP_PAIR2-	146	NC
147	GND	148	GND
149	HDMI_DP_PAIR0+	150	HDMI_CTRL_DAT
151	HDMI_DP_PAIR0-	152	HDMI_CTRL_CLK
153	HDMI_HPD#	154	DP_HPD
155	PCIE_CLK_REF+	156	PCIE_WAKE#
157	PCIE_CLK_REF-	158	PCIE_RST#
159	GND	160	GND
161	PCIE_TX3+	162	PCIE_RX3+
163	PCIE_TX3-	164	PCIE_RX3-
165	GND	166	GND
167	PCIE_TX2+	168	PCIE_RX2+
169	PCIE_TX2-	170	PCIE_RX2-
171	UART1_TXD	172	UART1_RTSD
173	PCIE_TX1+	174	PCIE_RX1+
175	PCIE_TX1-	176	PCIE_RX1-
177	UART1_RXD	178	UART1_CTSD
179	PCIE_TX0+	180	PCIE_RX0+
181	PCIE_TX0-	182	PCIE_RX0-
183	GND	184	GND
185	LPC_AD0	186	LPC_AD1
187	LPC_AD2	188	LPC_AD3
189	LPC_CLK	190	LPC_FRAME#
191	LPC_SERIRQ	192	LPC_DRQ0#
193	RTCBAT	194	SPKR
195	FAN_TACHIN	196	FAN_PWMOUT
197	GND	198	GND
199	SPI_MOSI	200	SPI_CS#

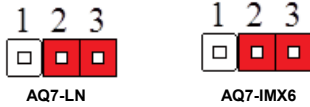
201	SPI_MISO	202	NC
203	SPI_CLK	204	NC
205	VCC_5V_SB	206	VCC_5V_SB
207	TCK_M	208	TDO_M
209	TMS_M	210	TDI_M
211	VCC	212	VCC
213	VCC	214	VCC
215	VCC	216	VCC
217	VCC	218	VCC
219	VCC	220	VCC
221	VCC	222	VCC
223	VCC	224	VCC
225	VCC	226	VCC
227	VCC	228	VCC
229	VCC	230	VCC

## 1.9 TEST PORT (CN2)

Pin	Signal
1	BATLOW#
2	GND
3	THRM#
4	GND
5	WDTRIG#
6	GND
7	SDIO_PWR#
8	PCIE_WAKE#
9	SDIO_LED
10	SMB_ALERT#



### 1.10 Disable BIOS Control (CN3)



Pin	Signal
1-2	BIOS from ECB-970
2-3	BIOS from CPU Module

### 1.11 eDP Connector (CN6)

Pin	Signal	Pin	Signal
1	LVDS_BKLT_EN	2	LVDS_BKLT_CTRL
3	LCD_PWR	4	GND
5	eDP_A3-	6	eDP_A3+
7	LCD_PWR	8	GND
9	eDP_A2-	10	eDP_A2+
11	eDP_A1-	12	eDP_A1+
13	eDP_A0-	14	eDP_A0+
15	eDP0_HPD#	16	N/C
17	eDP_A_CK+	18	eDP_A_CK-
19	N/C	20	N/C
21	N/C	22	N/C
23	N/C	24	N/C
25	N/C	26	N/C
27	N/C	28	N/C
29	N/C	30	N/C

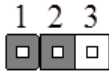
### 1.12 USB3.0 PORT (#0#6#7)(#1#4#5) (CN8)

Pin	Signal	Pin	Signal
1	+V5A_USB_0	2	USBD0N
3	USBD0P	4	USB_0_1_GND
5	USB3_RX0_CON_N	6	USB3_RX0_CON_P
7	GND	8	USB3_TX0_CON_N
9	USB3_TX0_CON_P	10	+V5A_USB_1
11	USBD1N	12	USBD1P
13	USB_0_1_GND	14	USB3_RX1_CON_N
15	USB3_RX1_CON_P	16	GND
17	USB3_TX1_CON_N	18	USB3_TX1_CON_P

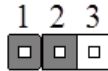
### 1.13 Micro USB OTG PORT (#1) (CN9)

Pin	Signal	Pin	Signal
1	+V5A_USB_1	2	USBD1N_OTG
3	USBD1P_OTG	4	USB_ID
5	USB_0_1_GND		

### 1.14 USB#1 SW (CN10)



AQ7-LN



AQ7-IMX6

Pin	Signal
1-2	USB3.0 #1
2-3	Micro USB2.0 (#1)

### 1.15 SATA PORT (#0) (CN11)

Pin	Signal	Pin	Signal
1	GND	2	SATA0_TX+
3	SATA0_TX-	4	GND
5	SATA0_RX-	6	SATA0_RX+
7	GND		

### 1.16 SATA PORT (#1) (CN12)

Pin	Signal	Pin	Signal
1	GND	2	SATA1_TX+
3	SATA1_TX-	4	GND
5	SATA1_RX-	6	SATA1_RX+
7	GND		

### 1.17 USB OTG Power (#1) (CN13)



Pin	Signal
1-2	Always ON
2-3	Cable Select

### 1.18 Audio Connector (CN14)

Color	Function
Blue	Line In
Green	Line Out
Pink	MIC In

### 1.19 Audio Input SW Control (CN15, CN16)

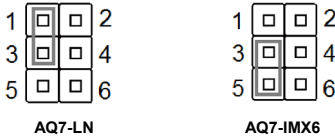


Pin	Signal
1-3 & 2-4	HD Audio for X86 (ALC892)
5-3 & 6-4	I2S for ARM (WM8962)

### 1.20 eDP Connector (CN17)

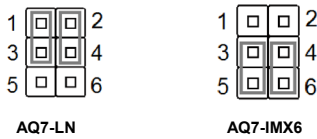
Pin	Signal	Pin	Signal
1	LVDS_BKLT_EN	2	LVDS_BKLT_CTRL
3	LCD_PWR	4	GND
5	eDP_B3-	6	eDP_B3+
7	LCD_PWR	8	GND
9	eDP_B2-	10	eDP_B2+
11	eDP_B1-	12	eDP_B1+
13	eDP_B0-	14	eDP_B0+
15	eDP1_HPD#	16	N/C
17	eDP_B_CK+	18	eDP_B_CK-
19	N/C	20	N/C
21	N/C	22	N/C
23	N/C	24	N/C
25	N/C	26	N/C
27	N/C	28	N/C
29	N/C	30	N/C

### 1.21 Audio Input SW Control (CN18)



Pin	Signal
1-3	HD Audio for X86 (ALC892)
5-3	I2S for ARM (WM8962)

### 1.22 Audio Output SW Control (CN19, CN20, CN22)



Pin	Signal
1-3 & 2-4	HD Audio for X86 (ALC892)
5-3 & 6-4	I2S for ARM (WM8962)

### 1.23 Audio Power SW Control (CN21)



Pin	Signal
1-3 & 2-4	HD Audio Codec Power ON for X86
5-3 & 6-4	I2S Audio Codec Power ON for ARM

### 1.24 Audio power SW for ALC (X86) (CN24)



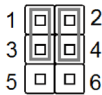
AQ7-LN



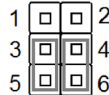
AQ7-IMX6

Pin	Signal
1-2	HD Audio IO power 1.5V (Default)
2-3	HD Audio IO power 3.3V

### 1.25 PCIE Control (CN25)



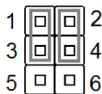
AQ7-LN



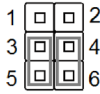
AQ7-IMX6

Pin	Signal
1-3 & 2-4	SMBUS
5-3 & 6-4	I2C

### 1.26 AD5247 CTRL (CN26)



AQ7-LN



AQ7-IMX6

Pin	Signal
1-3 & 2-4	SMBUS
5-3 & 6-4	I2C

### 1.27 LVDS Voltage (CN27, CN42)



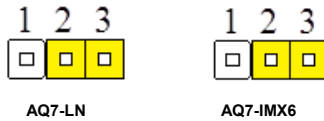
Pin	Signal
1-2	+5V
2-3	+3.3V (Default)

### 1.28 LVDS inverter (CN28, CN48)



Pin	Signal
1-2	+12V
2-3	+5V (Default)

### 1.29 LVDS Backlight Control (CN29, CN50)



Pin	Signal
1-2	AD5247
2-3	CPU Module (Default)

### 1.30 LVDS Inverter Connector (CN30, CN35)

Pin	Signal
1	+5V / +12V
2	BKL_CONTROL
3	GND
4	GND
5	BKL_ENABLE

### 1.31 LVDS Connector (CN31)

Pin	Signal	Pin	Signal
1	LVDS_BKLT_EN	2	LVDS_BKLT_CTRL
3	LCD_PWR	4	GND
5	LVDS_A_CK-	6	LVDS_A_CK+
7	LCD_PWR	8	GND
9	LVDS_A0-	10	LVDS_A0+
11	LVDS_A1-	12	LVDS_A1+
13	LVDS_A2-	14	LVDS_A2+
15	LVDS_A3-	16	LVDS_A3+
17	LVDS_DDCDAT	18	LVDS_DDCCLK
19	LVDS_B0-	20	LVDS_B0+
21	LVDS_B1-	22	LVDS_B1+
23	LVDS_B2-	24	LVDS_B2+
25	LVDS_B3-	26	LVDS_B3+
27	LCD_PWR	28	GND
29	LVDS_B_CK-	30	LVDS_B_CK+



### 1.32 VGA Output Connector (CN32)

Pin	Signal	Pin	Signal
1	RED	2	GREEN
3	BLUE	4	N/C
5	GND	6	GND
7	GND	8	GND
9	+5V	10	CRT_PLUG#
11	N/C	12	DDCDATA
13	HSYNC	14	VSYNC
15	DDCCLK -		

### 1.33 VGA Input Connector (CN33)

Pin	Signal
1	CRT_RED
2	CRT_GREEN
3	CRT_BLUE
4	GND
5	CRT_DDC_CLK
6	CRT_DDC_DATA
7	CRT_HSYNC
8	CRT_VSYNC

### 1.34 DP Connector (CN34)

Pin	Signal	Pin	Signal
1	DP_PAIR0+	2	GND
3	DP_PAIR0-	4	DP_PAIR1+
5	GND	6	DP_PAIR1-

7	DP_PAIR2+	8	GND
9	DP_PAIR2-	10	DP_PAIR3+
11	GND	12	DP_PAIR3-
13	GND	14	GND
15	DP_AUX+	16	GND
17	DP2_AUX-	18	DP_HPDP
19	GND	20	+3.3V

### 1.35 SMBUS (CN36)

Pin	Signal
1	GND
2	SMBDAT_SBY
3	SMBCLK_SBY
4	+3V3_DUAL

### 1.37 SIO Slot (CN37)

Pin	Signal
1	N/C
2	N/C
3	CANL
4	CANH
5	GND
6	N/C
7	N/C
8	N/C
9	N/C

### 1.38 I2C (CN38)

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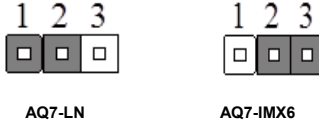
Pin	Signal
1	GND
2	I2C_DAT
3	I2C_CK
4	+3V3_DUAL

### 1.39 Super I/O Card Slot (CN39)

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Pin	Signal	Pin	Signal
A1	LPC_DRQ#	B1	N/C
A2	+12V	B2	N/C
A3	+12V	B3	N/C
A4	GND	B4	GND
A5	LPC_PME#	B5	LPC_AD2
A6	LPC_RST#	B6	SUS_S3#
A7	LPC_SERIRQ	B7	GND
A8	LPC_CLK	B8	RTCBAT
A9	+3.3V	B9	+5V_DUAL
A10	+3.3V	B10	+3.3V_DUAL
A11	SUS_S5#	B11	PCIE_WAKE#
A12	GND	B12	+5V
A13	LPC_AD0	B13	GND
A14	LPC_AD1	B14	N/C
A15	GND	B15	N/C
A16	LPC_AD3	B16	GND
A17	LPC_FRAME#	B17	WDT_RST#
A18	GND	B18	GND

### 1.40 LPC CLK Buffer Power (CN40)



Pin	Signal
1-2	LPC CK On for X86 (use LPC)
2-3	LPC CK Off for ARM (use GPIO)

### 1.41 DIO Connector (CN41)

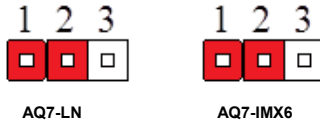
Pin	Signal	Pin	Signal
1	DIO0	2	DIO1
3	DIO2	4	DIO3
5	DIO4	6	DIO5
7	DIO6	8	DIO7
9	+3V3	10	GND

### 1.42 LPC Port (CN43)

Pin	Signal
1	LPC_AD0
2	LPC_AD1
3	LPC_AD2
4	LPC_AD3
5	+3.3V
6	LPC_FRAME#
7	LPC_RST#
8	GND
9	LPC_CLK

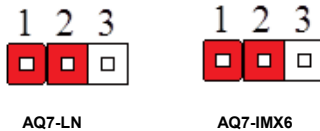
10	LPC_DRQ0#
11	LPC_DRQ1#
12	LPC_SERIRQ

### 1.43 FAN Voltage (CN44)



Pin	Signal
1-2	+12V
2-3	+5V

### 1.44 Clear CMOS (CN46)



Pin	Signal
1-2	Normal
2-3	Clear CMOS

### 1.45 UART FOR IMX6 (CN47)

Pin	Signal
1	SPI_SO_F
2	GND
3	SPI_CLK_F
4	+3V3_SPI
5	SPI_SI_F

6	SPI_CS#_F
7	N/C

### 1.46 ATX Power Connector (CN49)

Standard ATX Power Connector

### 1.47 Front Panel (CN51)

Pin	Signal
1	GND
2	PWRBTN#
3	SATA_LED#
4	+3V3
5	BUZZER
6	+5V
7	GND
8	+3V3
9	GND
10	HWRST#

### 1.48 USB (#6#7) SW (CN52)



Pin	Signal
1-2	USB2.0 #6#7
2-3	USB3.0 #0

### 1.49 USB (#4#5) SW (CN53)



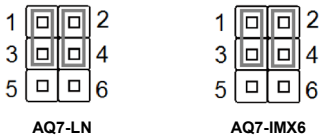
Pin	Signal
1-2	USB2.0 #4#5
2-3	USB3.0 #1

### 1.50 LVDS/eDP SW (CN54, CN59)



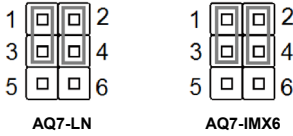
Pin	Signal
1-2	LVDS (Default)
2-3	eDP

### 1.51 LVDS/eDP DDC (CN55)



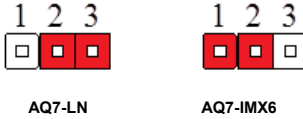
Pin	Signal
1-3,2-4	LVDS
3-5,4-6	eDP (HPD#)

### 1.52 LVDS/eDP SW (CN56, CN60)



Pin	Signal
1-3, 2-4	LVDS
3-5,4-6	eDP

### 1.53 80H power Control (CN61)



Pin	Signal
1-2	80H power off (use GPIO)
2-3	80H power on (use LPC)

### 1.54 CPLD (CN63)

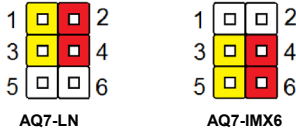
Pin	Signal
1	TMS_M
2	TDI_M
3	TDO_M
4	TCK_M
5	GND
6	+5V

### 1.55 PCI-Express [x4] Connector (CN64)

Standard PCI-Express [x4] Connector

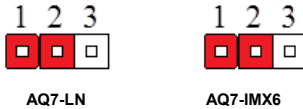


### 1.56 Power ON Control (CN65)



Pin	Signal
1-3	For ATX
3-5	For AT
2-4	For Intel chip (S3#)
4-6	For ARM (non S3#)

### 1.57 LVDS/DP SW (CN66)



Pin	Signal
1-2	HDMI (Default)
2-3	DP

### 1.58 LVDS Connector (CN67)

Pin	Signal	Pin	Signal
1	LVDS_BKLT_EN	2	LVDS_BKLT_CTRL
3	LCD_PWR	4	GND
5	LVDS_B_CK -	6	LVDS_B_CK+
7	LCD_PWR	8	GND
9	LVDS_B0-	10	LVDS_B0+
11	LVDS_B1-	12	LVDS_B1+
13	LVDS_B2-	14	LVDS_B2+

15	LVDS_B3-	16	LVDS_B3+
17	LVDS_DDCDAT	18	LVDS_DDCCLK
19	N/C	20	N/C
21	N/C	22	N/C
23	N/C	24	N/C
25	N/C	26	N/C
27	N/C	28	N/C
29	N/C	30	N/C

### 1.59 USB2.0 PORT (#4#5#6#7) (CN68)

Pin	Signal	Pin	Signal
1	+5V_DUAL_USB_4_5	2	USBD4N
3	USBD4P	4	USB_BY4_GND
5	+5V_DUAL_USB_4_5	6	USBD5N
7	USBD5P	8	USB_BY4_GND
9	+5V_DUAL_USB_6_7	10	USBD6N
11	USBD6P	12	USB_BY4_GND
13	+5V_DUAL_USB_6_7	14	USBD7N
15	USBD7P	16	USB_BY4_GND

### 1.60 HDMI POWER (CN69) (Reserved)



AQ7-LN



AQ7-IMX6

Pin	Signal
1-2	X86 (Default)
2-3	ARM

**1.61 UART FOR IMX6 (CN70)**


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Pin	Signal
1	N/C
2	N/C
3	RXDC
4	RTSDC
5	TXDC
6	CTSDC
7	N/C
8	N/C
9	GND

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**1.62 HDMI Connector (CN71)**


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Pin	Signal	Pin	Signal
1	HDMI_D2+	2	GND
3	HDMI_D2-	4	HDMI_D1+
5	GND	6	HDMI_D1-
7	HDMI_D0+	8	GND
9	HDMI_D0-	10	HDMI_CK+
11	GND	12	HDMI_CK-
13	N/C	14	N/C
15	IO_HDMI_CLK	16	IO_HDMI_DAT
17	GND	18	+5V_HDMI
19	IO_HPD#		

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**1.63 SD Connector (CN73)**


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Pin	Signal	Pin	Signal
1	DATA2	2	DATA3

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3	DATA4	4	CMD
5	DATA5	6	GND
7	VCC3.3_SD	8	CLK
9	DATA6	10	CD#
11	DATA7	12	DATA0
13	DATA1	14	WP

### 1.64 USB2.0&LAN PORT (#2#3) (CN74)

Pin	Signal	Pin	Signal
R1	GBE0_CTREF	R2	GBE0_MDI0+
R3	GBE0_MDI0-	R4	GBE0_MDI1+
R5	GBE0_MDI1-	R6	GBE0_MDI2+
R7	GBE0_MDI2-	R8	GBE0_MDI3+
R9	GBE0_MDI3-	R10	GND
L1	GBE0_ACT#	L2	+3.3V_DUAL
L3	GBE0_LINK100#	L4	GBE0_LINK1000#
U1	+5V_DUAL_USB_2_3	U2	USBD2N
U3	USBD2P	U4	GND
U5	+5V_DUAL_USB_2_3	U6	USBD3N
U7	USBD3P	U8	GND

## Below Table for China RoHS Requirements

产品中有毒有害物质或元素名称及含量

## AAEON Main Board/ Daughter Board/ Backplane

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷电路板 及其电子组件	×	○	○	○	○	○
外部信号 连接器及线材	×	○	○	○	○	○
<p><b>O:</b> 表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 标准规定的限量要求以下。</p> <p><b>X:</b> 表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 标准规定的限量要求。</p> <p>备注: 此产品所标示之环保使用期限, 系指在一般正常使用状况下。</p>						