

Содержание

Приложение 1	3
--------------------	---

Приложение 1

Pins	Name	Signal group	Type	Comments	Pins	Name	Signal group	Type	Comments
1	GND		PWR		2	GND		PWR	
3	GBE_MDI3-	GBE	IO		4	GBE_MDI2-	GBE	IO	
5	GBE_MDI3+	GBE	IO		6	GBE_MDI2+	GBE	IO	
7	GBE_LINK100#	GBE	O	NC	8	GBE_LINK1000#	GBE	O	NC
9	GBE_MDI1-	GBE	IO		10	GBE_MDI0-	GBE	IO	
11	GBE_MDI1+	GBE	IO		12	GBE_MDI0+	GBE	IO	
13	GBE_LINK#	GBE	O		14	GBE_ACT#	GBE	O	
15	GBE_CTREF	GBE	O	NC	16	SUS_S5#	PWR_MGMT	O	NC
17	WAKE#	PWR_MGMT	I	PU	18	SUS_S3#	PWR_MGMT	O	NC
19	GPO0(SUS_STAT#)	PWR_MGMT	O		20	PWRBTN#	PWR_MGMT	I	PU
21	SLP_BTN#/GPII1	PWR_MGMT	I	PU	22	LID_BTN#/GPII0	PWR_MGMT	I	PU
23	GND		PWR		24	GND		PWR	
	KEY					KEY			
25	GND		PWR		26	PWGIN	PWR_MGMT	I	PD
27	BATLOW#/GPII2	PWR_MGMT	I	PU	28	RSTBTN#	PWR_MGMT	I	PU
29	SATA0_TX+	SATA	O		30	SATA1_TX+	SATA	O	NC
31	SATA0_TX-	SATA	O		32	SATA1_TX-	SATA	O	NC
33	SATA_ACT#	SATA	O	NC	34	GND		PWR	
35	SATA0_RX+	SATA	I		36	SATA1_RX+	SATA	I	NC
37	SATA0_RX-	SATA	I		38	SATA1_RX-	SATA	I	NC
39	GND		PWR		40	GND		PWR	
41	BIOS_DIS#/BOOT_ALT#	BOOT	I	PU	42	SDIO_CLK#	SDIO	O	
43	SDIO_CD#	SDIO	IO		44	reserved (SDIO_LED)			
45	SDIO_CMD	SDIO	IO		46	SDIO_WP	SDIO	IO	PD
47	SDIO_PWR#	SDIO	O	NC	48	SDIO_DAT1	SDIO	IO	
49	SDIO_DAT0	SDIO	IO		50	SDIO_DAT3	SDIO	IO	
51	SDIO_DAT2	SDIO	IO		52	reserved (SDIO_DAT5)			
53	reserved (SDIO_DAT4)				54	reserved (SDIO_DAT7)			
55	reserved (SDIO_DAT6)				56	USB_OTG_PEN (RSVD)	USB	O	NC
57	GND		PWR		58	GND		PWR	
59	HDA_SYNC/I2S_WS	AUDIO	O		60	SMB_CLK/GP1_I2C_CLK	MISC	IO	
61	HDA_RST#/I2S_RST#	AUDIO	O		62	SMB_DAT/GP1_I2C_DAT	MISC	IO	
63	HDA_BITCLK/I2S_CLK	AUDIO	O		64	SMB_ALERT#	MISC	IO	
65	HDA_SDI/I2S_SDI	AUDIO	I		66	GP0_I2C_CLK (I2C_CLK)	MISC	IO	
67	HDA_SDO/I2S_SDO	AUDIO	O		68	GP0_I2C_DAT (I2C_DAT)	MISC	IO	
69	THRM#	MISC	I	PU	70	WDTRIG#	MISC	I	PU
71	THRMTRIP#	MISC	O		72	WDOUT	MISC	O	
73	GND		PWR		74	GND		PWR	
75	USB_P7-/USB_SSTX0-	USB	IO		76	USB_P6-/USB_SSRX0-	USB	IO	
77	USB_P7+/USB_SSTX0+	USB	IO		78	USB_P6+/USB_SSRX0+	USB	IO	
79	USB_6_7_OC#	USB	I		80	USB_4_5_OC#	USB	I	
81	USB_P5-/USB_SSTX2-	USB	IO		82	USB_P4-/USB_SSRX2-	USB	IO	
83	USB_P5+/USB_SSTX2+	USB	IO		84	USB_P4+/USB_SSRX2+	USB	IO	
85	USB_2_3_OC#	USB	I		86	USB_0_1_OC#	USB	I	
87	USB_P3-	USB	IO		88	USB_P2-	USB	IO	
89	USB_P3+	USB	IO		90	USB_P2+	USB	IO	
91	USB_VBUS (USB_CC)	USB	I	PU	92	USB_ID	USB	I	PD
93	USB_P1-	USB	IO		94	USB_P0-	USB	IO	
95	USB_P1+	USB	IO		96	USB_P0+	USB	IO	
97	GND		PWR		98	GND		PWR	
99	eDP0_TX0+/LVDS_A0+	LVDS/eDP	O		100	eDP1_TX0+/LVDS_B0+	LVDS/eDP	O	
101	eDP0_TX0-/LVDS_A0-	LVDS/eDP	O		102	eDP1_TX0-/LVDS_B0-	LVDS/eDP	O	
103	eDP0_TX1+/LVDS_A1+	LVDS/eDP	O		104	eDP1_TX1+/LVDS_B1+	LVDS/eDP	O	
105	eDP0_TX1-/LVDS_A1-	LVDS/eDP	O		106	eDP1_TX1-/LVDS_B1-	LVDS/eDP	O	
107	eDP0_TX2+/LVDS_A2+	LVDS/eDP	O		108	eDP1_TX2+/LVDS_B2+	LVDS/eDP	O	

Pins	Name	Signal group	Type	Comments	Pins	Name	Signal group	Type	Comments
109	eDP0_TX2-/LVDS_A2-	LVDS/eDP	O		110	eDP1_TX2-/LVDS_B2-	LVDS/eDP	O	
111	LVDS_PPEN	LVDS/eDP	O		112	LVDS_BLEN	LVDS/eDP	O	
113	eDP0_TX3+/LVDS_A3+	LVDS/eDP	O		114	eDP1_TX3+/LVDS_B3+	LVDS/eDP	O	
115	eDP0_TX3-/LVDS_A3-	LVDS/eDP	O		116	eDP1_TX3-/LVDS_B3-	LVDS/eDP	O	
117	GND		PWR		118	GND		PWR	
119	eDP0_AUX+/LVDS_A_CLK+	LVDS	O		120	eDP1_AUX+/LVDS_B_CLK+	LVDS	IO	
121	eDP0_AUX-/LVDS_A_CLK-	LVDS	O		122	eDP1_AUX-/LVDS_B_CLK-	LVDS	IO	
123	LVDS_BLT_CTRL/ GP_PWM_OUT0	LVDS/eDP	O		124	GP_1-Wire_Bus/ HDMI_CEC (RSVD)	HDMI/DP	IO	
125	LVDS_DID_DAT/GP_I2C_DAT	LVDS	IO		126	eDP0_HPD#/LVDS_BLC_DAT	LVDS	IO	
127	LVDS_DID_CLK/GP_I2C_CLK	LVDS	IO		128	eDP1_HPD#/LVDS_BLC_CLK	LVDS	IO	
129	CAN0_TX	CAN	O		130	CAN0_RX	CAN	I	
131	DP_LANE3+/TMDS_CLK+ (SDVO_BCLK+)	HDMI/DP	O		132	USB_SSTX1- (SDVO_INT+)	USB	O	
133	DP_LANE3-/TMDS_CLK- (SDVO_BCLK-)	HDMI/DP	O		134	USB_SSTX1+ (SDVO_INT-)		O	
135	GND		PWR		136	GND		PWR	
137	DP_LANE1+/TMDS_LANE1+ (SDVO_GREEN+)	HDMI/DP	O		138	DP_AUX+ (SDVO_FLDSTALL+)	DP	IO	NC
139	DP_LANE1-/TMDS_LANE1- (SDVO_GREEN-)	HDMI/DP	O		140	DP_AUX- (SDVO_FLDSTALL-)	DP	IO	NC
141	GND		PWR		142	GND		PWR	
143	DP_LANE2+/TMDS_LANE0+ (SDVO_BLUE+)	HDMI/DP	O		144	USB_SSRX1- (SDVO_TVCLKIN+)	USB	I	
145	DP_LANE2-/TMDS_LANE0- (SDVO_BLUE-)	HDMI/DP	O		146	USB_SSRX1+ (SDVO_TVCLKIN-)	USB	I	
147	GND		PWR		148	GND		PWR	
149	DP_LANE0+/TMDS_LANE2+ (SDVO_RED+)	HDMI/DP	O		150	HDMI_CTRL_DAT (SDVO_CTRL_DAT)	HDMI/DP	IO	
151	DP_LANE0-/TMDS_LANE2- (SDVO_RED-)	HDMI/DP	O		152	HDMI_CTRL_CLK (SDVO_CTRL_CLK)	HDMI/DP	IO	
153	HDMI_HPD#	HDMI/DP	I	PU	154	DP_HPD#	DP	I	NC
155	PCIE_CLK_REF+	PCI-E	O		156	PCIE_WAKE#	PCI-E	I	
157	PCIE_CLK_REF-	PCI-E	O		158	PCIE_RST#	PCI-E	O	
159	GND		PWR		160	GND		PWR	
161	PCIE3_TX+	PCI-E	O	NC	162	PCIE3_RX+	PCI-E	I	NC
163	PCIE3_TX-	PCI-E	O	NC	164	PCIE3_RX-	PCI-E	I	NC
165	GND		PWR		166	GND		PWR	
167	PCIE2_TX+	PCI-E	O	NC	168	PCIE2_RX+	PCI-E	I	NC
169	PCIE2_TX-	PCI-E	O	NC	170	PCIE2_RX-	PCI-E	I	NC
171	UART0_TX (EXCD0_PERST#)	UART	O		172	UART0_RTS# (EXCD1_PERST#)	UART	O	
173	PCIE1_TX+	PCI-E	O		174	PCIE1_RX+	PCI-E	I	
175	PCIE1_TX-	PCI-E	O		176	PCIE1_RX-	PCI-E	I	
177	UART0_RX (EXCD0_CPPE#)	UART	I		178	UART0_CTS# (EXCD1_CPPE#)	UART	I	
179	PCIE0_TX+	PCI-E	O		180	PCIE0_RX+	PCI-E	I	
181	PCIE0_TX-	PCI-E	O		182	PCIE0_RX-	PCI-E	I	
183	GND		PWR		184	GND		PWR	
185	LPC_AD0/GPIO0	LPC	IO		186	LPC_AD1/GPIO1	LPC	IO	
187	LPC_AD2/GPIO2	LPC	IO		188	LPC_AD3/GPIO3	LPC	IO	
189	LPC_CLK/GPIO4	LPC	IO		190	LPC_FRAME#/GPIO5	LPC	IO	
191	SERIRQ/GPIO6	LPC	IO		192	LPC_LDRQ#/GPIO7	LPC	IO	
193	VCC_RTC		I		194	SPKR/GP_PWM_OUT2		O	
195	FAN_T_IN/GP_TIMER_IN	MISC	I		196	FAN_OUT/GP_PWM_OUT1	MISC	O	
197	GND		PWR		198	GND		PWR	
199	SPI_MOSI	SPI	O		200	SPI_CS0#	SPI	O	
201	SPI_MISO	SPI	I		202	SPI_CS1#	SPI	O	
203	SPI_SCK	SPI	O		204	MFG_NC4		I	
205	VCC_5V_SB		I		206	VCC_5V_SB		I	

Pins	Name	Signal group	Type	Comments	Pins	Name	Signal group	Type	Comments
207	MFG_NC0	MFG	I		208	MFG_NC2	MFG	I	
209	MFG_NC1	MFG	O		210	MFG_NC3	MFG	I	
211	NC (VCC)				212	NC (VCC)			
213	NC (VCC)				214	NC (VCC)			
215	NC (VCC)				216	NC (VCC)			
217	NC (VCC)				218	NC (VCC)			
219	VCC		I		220	VCC		I	
221	VCC		I		222	VCC		I	
223	VCC		I		224	VCC		I	
225	VCC		I		226	VCC		I	
227	VCC		I		228	VCC		I	
229	VCC		I		230	VCC		I	