SOPine Pin Assignments

Ver 0.1

204-Pin SOPine Front

Pin	Pin Definition
1	HBIAS
3	HPOUTR
5	HPOUTL
7	GND
9	MIC2P
11	MIC2N
13	PL11-IR_RX
15	PL8-S_TWI_SCK
17	PL9-S_TWI_SDA
19	GND
21	WL-REG-ON
23	WL-WAKE-AP
25	PC5-eMMC_CLK
27	PB5-I2S_BCLK
29	PB7-I2S_DIN
31	GND
33	PB9-UART0_RX
35	PB0-UART2_TX
37	PH3-TW1_SDA
39	PB6-I2S_DOUT
41	GND
43	TP-SCK
45	PD6
47	RGMII-TXCTL
49	PD1-SPI1_CLK
51	RGMII-RXD1
53	MDC-PWM0
55	GND
57	PD2-SPI1_MOSI
59	CSI-D5
61	PD3-SPI1_MISO
63	WL-SDIO-D0
65	CSI-D3
67	TP-RST

204-Pin SOPine Back

Pin	Pin Definition
2	EAROUT_P
4	EAROUT_N
6	HS-MIC
8	GND
10	HPOUTFB
12	KEYADC
14	BT-RST-N
16	AP-WAKE-BT
18	BT-WAKE-AP
20	GND
22	HP-DET
24	PL7
26	LCD-BL-EN
28	PB4-I2S_SYNC
30	PB3-I3S_MCLK
32	GND
34	PB8-UART0_TX
36	PB2
38	PH8-OWA_OUT
40	PD7
42	GND
44	PD5-UART4_CTS
46	TP-SDA
48	RGMII-RXD0
50	LCD-RST#
52	PD4-UART4_RTS
54	CSI-D1
56	GND
58	CSI-PCLK
60	PD0-SPI1_CS
62	PH2-TW1_SCK
64	TP-INT
66	PH6
68	PH5

69	GND		70	GND
71	PH7		72	WL-SDIO-CLK
73	RGMII-RXD3		74	RGMII-CLKIN
75	PB1-UART2_RX		76	MDIO
77	PH9		78	RGMII-TXD1
79	RGMII-TXCK		80	RGMII-TXD3
81	GND		82	RGMII-TXD2
83	RGMII-RXD2		84	GND
85	RGMII-TXD0		86	BT-PCM-CLK
87	RGMII-NULL		88	BT-UART-CTS
89	RGMII-RXCTL		90	BT-UART-RX
91	RGMII-RXCK		92	CSI-RST-F
93	GND		94	GND
95	CSI-D0		96	CSI-D2
97	BT-PCM-DIN		98	CSI-SCK
99	BT-PCM-SYNC		100	CSI-HSYNC
101	CSI-VSYNC		102	CSI-MCLK
103	GND		104	GND
105	CSI-D4		106	WL-SDIO-D2
107	CSI-D6		108	WL-SDIO-CMD
109	CSI-STBY-F		110	WL-SDIO-D1
111	CSI-D7		112	WL-SDIO-D3
113	CSI-SDA		114	GND
115	GND		116	DSI-D1P
117	BT-UART-RTS		118	DSI-D1N
119	BT-UART-TX		120	DSI-D0P
121	BT-PCM-DOUT		122	DSI-D3P
123	DSI-D0N		124	DSI-D3N
125	GND		126	DSI-D2P
127	DSI-CKP		128	GND
129	DSI-CKN		130	PC8-eMMC_D0
131	DSI-D2N		132	PC7
133	PC15-eMMC_D7		134	PC0-SPIO_MOSI
135	PC4		136	HDMI-HTX0P
137	GND		138	HDMI-HTX0N
139	HDMI-HTX2N		140	GND
141	HDMI-HTX2P		142	HDMI-HTX1N
143	PC2-SPIO_CLK		144	PC16-eMMC_RST
145	HDMI-HTX1P		146	PC12-eMMC_D4
147	HDMI-TXCP		158	PC3-SPIO_CS
149	GND		150	-SPIO_MISO-eMMC_DS

151	HDMI-TXCN		152	GND
153	PC9-eMMC_D1		154	PC6-eMMC_CMD
155	PC14-eMMC_D6		156	PC10-eMMC_D2
157	PC13-eMMC_D5		158	USB1-DP
159	GND		160	USB1-DM
161	HDMI-SCL		162	GND
163	HDMI-SDA		164	HDMI-HPD
165	PC11-eMMC_D3		166	LCD-PWM
167	HDMI-CEC		168	PWR_ON
169	GND		170	NC
171	USB0-DP		172	DCDC1
173	USB0-DM		174	GPIO0-LDO
175	CHG_LED		176	ALDO1
177	RESET		178	
179			180	DCIN
181	ELDO3		182	DCIN
183	DLDO3		184	DCIN
185	VCC-WIFI		186	NC
187	DC1-SW		188	VBUS
189	DLDO2		190	VBUS
191	DLDO1		192	VBUS
193	VCC-WIFI-IO		194	NC
195	VRTC		196	BATT_SENSOR
197	NC		198	NC
199	PS		200	VBAT
201	PS		202	VBAT
203	PS		204	VBAT