

	EG915U-EU		EG915N-EU		Difference
PIN NO.	Pin Name	IO	Pin Name	IO	
1	PSM_IND	DO	SLEEP_IND	DO	
2	ADC1	AI	ADC1	AI	
3	GND	/	GND	/	
4	PCM_CLK	DO	PCM_CLK	DO	
5	PCM_SYNC	DO	PCM_SYNC	DO	
6	PCM_IN	DI	PCM_IN	DI	
7	PCM_OUT	DO	PCM_OUT	DO	
8	USB_VBUS	PI	USB_VBUS	PI	
9	90OHM_USB_DP	AIO	90OHM_USB_DP	AIO	
10	90OHM_USB_DM	AIO	90OHM_USB_DM	AIO	
11	RESERVED	/	RESERVED	/	
12	RESREVED	/	RESREVED	/	
13	RESERVED	/	RESERVED	/	
14	RESERVED	/	RESERVED	/	
15	PWRKEY	DI	PWRKEY	DI	
16	RESERVED	/	RESERVED	/	
17	RESET_N	DI	RESET_N	DI	
18	W_DISABLE#	DI	W_DISABLE#	DI	EG915U-EU:PU EG915N-EU:PU
19	AP_READY	DI	AP_READY	DI	EG915U-EU:PU EG915N-EU:PU
20	STATUS	DO	STATUS	DO	EG915U-EU:PD EG915N-EU:PD
21	NET_STATUS	DO	NET_STATUS	DO	EG915U-EU:PD EG915N-EU:PD, No PWM function
22	DBG_RXD	DI	DBG_RXD	DI	
23	DBG_TXD	DO	DBG_TXD	DO	
24	ADC0	AI	ADC0	AI	
25	SPI_CS	DO	UART4_RTS	DI	EG915U- EU:UART&SPI EG915N-EU:Uart with flow control
26	SPI_CLK	DO	UART4_CTS	DO	
27	UART2_TXD	DO	UART4_TXD	DO	
28	UART2_RXD	DI	UART4_RXD	DI	
29	VDD_EXT	PO	VDD_EXT	PO	
30	MAIN_DTR	DI	CP_UART_DTR	DI	
31	GND	/	GND	/	
32	VBAT_BB	PI	VBAT_BB	PI	
33	VBAT_BB	PI	VBAT_BB	PI	
34	MAIN_RXD	DI	CP_MAIN_RXD	DI	
35	MAIN_TXD	DO	CP_MAIN_TXD	DO	
36	MAIN_CTS	DO	CP_MAIN_CTS	DO	
37	MAIN_RTS	DI	CP_MAIN_RTS	DI	
38	MAIN_DCD	DO	CP_MAIN_DCD	DO	
39	MAIN_RI	DO	CP_MAIN_RI	DO	
40	I2C_SCL	DO	I2C_SCL	DO	
41	I2C_SDA	DIO	I2C_SDA	DIO	
42	USIM1_DET	DI	USIM1_DET	DI	
43	USIM1_VDD	PO	USIM1_VDD	PO	
44	USIM1_RST	DO	USIM1_RST	DO	

45	USIM1_DATA	DIO	USIM1_DATA	DIO	
46	USIM1_CLK	DO	USIM1_CLK	DO	
47	USIM1_GND	/	USIM1_GND	/	
48	GND	/	GND	/	
49	RESERVED	/	GNSS_ANT	AI	EG915U-EU:NC EG915N- EU:GNSS_ANT
50	GND	/	GND	/	
51	RESERVED	/	GNSS_PPS	/	EG915U-EU:NC EG915N- EU:GNSS_PPS
52	VBAT_RF	PI	VBAT_RF	PI	
53	VBAT_RF	PI	VBAT_RF	PI	
54	GND	/	GND	/	
55	GND	/	GND	/	
56	ANT_WIFI_SCAN_BT	AIO	RESERVED	/	EG915U- EU:ANT_WIFI_SCA N_BT EG915N-EU:NC
57	RESERVED	/	BT_VCXO_REQ	DI	EG915U-EU:NC EG915N-EU:BT clock request signal
58	GND	/	GND	/	
59	GND	/	GND	/	
60	ANT_MAIN	AIO	ANT_MAIN	AIO	
61	GND	/	GND	/	
62	GND	/	GND	/	
63	I2S_CLK	DO	CLOCK_32KHZ	DO	EG915U- EU:I2S_CLK EG915N-EU:32K colck output for BT
64	SPI_DOUT	DIO	BT_RST	DO	EG915U-EU:SPI EG915N-EU:BT reset signal
65	RESERVED	/	BT_CLK_26M	DO	EG915U-EU:NC EG915N-EU:26M colck output for BT
66	RESERVED	/	RESERVED	/	
67	GND	/	GND	/	
68	GND	/	GND	/	
69	GND	/	GND	/	
70	GND	/	GND	/	
71	GND	/	GND	/	
72	GND	/	GND	/	
73	GND	/	GND	/	
74	GND	/	GND	/	
75	USB_BOOT	DI	USB_BOOT	DI	
76	GRFC_1	DO	GRFC_1	DO	

77	GRFC_2	DO	GRFC_2	DO	
78	RESERVED	/	RESERVED	/	
79	GND	/	GND	/	
80	GND	/	GND	/	
81	GND	/	GND	/	
82	GND	/	GND	/	
83	USIM2_DET	DI	USIM2_DET	DI	
84	USIM2_CLK	DO	USIM2_CLK	DO	
85	USIM2_RST	DO	USIM2_RST	DO	
86	USIM2_DATA	DIO	USIM2_DATA	DIO	
87	USIM2_VDD	PO	USIM2_VDD	PO	
88	SPI_DIN	DI	RESERVED	/	EG915U-EU:SPI EG915N-EU:NC
89	GND	/	GND	/	
90	GND	/	GND	/	
91	GND	/	GND	/	
92	RESERVED	/	RESERVED	/	
93	RESERVED	/	RESERVED	/	
94	RESERVED	/	RESERVED	/	
95	RESERVED	/	RESERVED	/	
96	PSM_INT	DI	WAKEUP_IN	DI	
97	RESERVED	/	RESERVED	/	
98	RESERVED	/	RESERVED	/	
99	RESERVED	/	RESERVED	/	
100	GND	/	GND	/	
101	GND	/	GND	/	
102	GND	/	GND	/	
103	RESERVED	/	RESERVED	/	
104	RESERVED	/	BT_PWR_EN	/	EG915U-EU:NC EG915N-EU:BT power enable signal
105	RESERVED	/	RESERVED	/	
106	RESERVED	/	RESERVED	/	
107	RESERVED	/	RESERVED	/	
108	RESERVED	/	BT_LDO_EN	/	EG915U-EU:NC EG915N-EU:BT LDO enable signal
109	RESERVED	/	RESERVED	/	
110	RESERVED	/	RESERVED	/	
111	RESERVED	/	RESERVED	/	
112	RESERVED	/	RESERVED	/	
113	RESERVED	/	RESERVED	/	
114	RESERVED	/	RESERVED	/	
115	RESERVED	/	RESERVED	/	
116	RESERVED	/	RESERVED	/	
117	RESERVED	/	RESERVED	/	
118	RESERVED	/	RESERVED	/	
119	MIC_N	AI	MIC_N	AI	
120	MIC_BIAS	PO	MIC_BIAS	PO	
121	SPK_P	AO	SPK_P	AO	
122	SPK_N	AO	SPK_N	AO	
123	RESERVED	/	RESERVED	/	

124	RESERVED	/	RESERVED	/	
125	RESERVED	/	RESERVED	/	
126	MIC_P	AI	MIC_P	AI	