

Pin no	Pin name	Function	Description
15	P0.08	Digital I/O (SoC)	General purpose I/O
16	P0.09	Digital I/O (SoC)	General purpose I/O
17	GND_Shield	Power	Ground
18	P0.10	Digital I/O (SoC)	General purpose I/O
19	P0.11	Digital I/O (SoC)	General purpose I/O
20	P0.12	Digital I/O (SoC)	General purpose I/O
21	GND_Shield	Power	Ground
22	VDD2	Power	Supply voltage input
23	P0.13	Digital I/O (SoC)	General purpose I/O.
	AIN0	Analog input	Analog input.
24	P0.14	Digital I/O (SoC)	General purpose I/O.
	AIN1	Analog input	Analog input.
25	P0.15	Digital I/O (SoC)	General purpose I/O.
	AIN2	Analog input	Analog input.
26	P0.16	Digital I/O (SoC)	General purpose I/O.
	AIN3	Analog input	Analog input.
27	GND_Shield	Power	Ground
28	P0.17	Digital I/O (SoC)	General purpose I/O.
	AIN4	Analog input	Analog input.
29	P0.18	Digital I/O (SoC)	General purpose I/O.
	AIN5	Analog input	Analog input.
30	P0.19	Digital I/O (SoC)	General purpose I/O.
	AIN6	Analog input	Analog input.
31	GND_Shield	Power	Ground
32	nRESET	Digital I/O (SoC)	SoC system reset
			Note: External pull-up not allowed.
33	SWDCLK	Digital input	Serial wire debug clock input for debug and programming
34	SWDIO	Digital I/O	Serial wire debug I/O for debug and programming
35	P0.20	Digital I/O (SoC)	General purpose I/O.
	AIN7	Analog input	Analog input.
36	GND_Shield	Power	Ground
37	P0.21	Digital I/O (SoC)	General purpose I/O.
	TRACECLK	Trace clock	Trace buffer clock (optional).
38	P0.22	Digital I/O (SoC)	General purpose I/O.
	TRACEDATA0	Trace data	Trace buffer TRACEDATA[0] (optional).
39	P0.23	Digital I/O (SoC)	General purpose I/O.
	TRACEDATA1	Trace data	Trace buffer TRACEDATA[1] (optional).
40	P0.24	Digital I/O (SoC)	General purpose I/O.
	TRACEDATA2	Trace data	Trace buffer TRACEDATA[2] (optional).
41	GND_Shield	Power	Ground
42	P0.25	Digital I/O (SoC)	General purpose I/O.
	TRACEDATA3	Trace data	Trace buffer TRACEDATA[3] (optional).
43	SIM_RST	Digital I/O (SoC)	SIM reset
44	GND_Shield	Power	Ground
45	SIM_DET	Digital I/O (SoC)	SIM detect
			Not used. Needs to be left floating.
46	SIM_CLK	Digital I/O (SoC)	SIM clock
47	GND_Shield	Power	Ground

Pin no	Pin name	Function	Description
48	SIM_IO	Digital I/O (SoC)	SIM data
49	SIM_1V8	Power	SIM 1.8 V power supply output
50	GND_Shield	Power	Ground
51	Reserved		Do not connect/reserved for future use
52	GND_Shield	Power	Ground
53	MAGPIO2	Digital I/O (SoC)	1.8 V general purpose I/O
54	MAGPIO1	Digital I/O (SoC)	1.8 V general purpose I/O
55	MAGPIO0	Digital I/O (SoC)	1.8 V general purpose I/O
56	GND_Shield	Power	Ground
57	VIO	Power	MIPI RFFE control interface
58	SCLK	Digital I/O (SoC)	MIPI RFFE control interface
59	SDATA	Digital I/O (SoC)	MIPI RFFE control interface
60	GND_Shield	Power	Ground
61	ANT	RF	Single-ended 50 Ω LTE antenna pin
62	GND_Shield	Power	Ground
63	GND_Shield	Power	Ground
64	AUX	RF	Single-ended 50 Ω ANT loop-back pin
65	GND_Shield	Power	Ground
66	GND_Shield	Power	Ground
67	GPS	RF	Single-ended 50 Ω GPS input pin
68	GND_Shield	Power	Ground
69	GND_Shield	Power	Ground
70	Reserved		Do not connect/reserved for future use
71	Reserved		Do not connect/reserved for future use
72	GND_Shield	Power	Ground
73	Reserved		Do not connect/reserved for future use
74	GND_Shield	Power	Ground
75	GND_Shield	Power	Ground
76	GND_Shield	Power	Ground
77	GND_Shield	Power	Ground
78	GND_Shield	Power	Ground
79	GND_Shield	Power	Ground
80	GND_Shield	Power	Ground
81	GND_Shield	Power	Ground
82	GND_Shield	Power	Ground
83	P0.26	Digital I/O (SoC)	General purpose I/O
84	P0.27	Digital I/O (SoC)	General purpose I/O
85	GND_Shield	Power	Ground
86	P0.28	Digital I/O (SoC)	General purpose I/O
87	P0.29	Digital I/O (SoC)	General purpose I/O
88	P0.30	Digital I/O (SoC)	General purpose I/O
89	P0.31	Digital I/O (SoC)	General purpose I/O
90	GND_Shield	Power	Ground
91	COEX2	Digital I/O (SoC)	Coexistence interface
92	COEX1	Digital I/O (SoC)	Coexistence interface
93	COEX0	Digital I/O (SoC)	Coexistence interface
94	GND_Shield	Power	Ground
95	P0.00	Digital I/O (SoC)	General purpose I/O
96	P0.01	Digital I/O (SoC)	General purpose I/O
97	P0.02	Digital I/O (SoC)	General purpose I/O
98	GND_Shield	Power	Ground
99	P0.03	Digital I/O (SoC)	General purpose I/O
100	P0.04	Digital I/O (SoC)	General purpose I/O

