

Pin #	Pin Name	Pin Description	Type
1	GPI019	General purpose IO GPI01(3).	I/O
2	GPI018	General purpose IO GPI01(2).	I/O
3	VSSIO	Ground reference for IO pins.	S
4	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
5	GPI017	General purpose IO GPI01(1).	I/O
6	GPI016	General purpose IO GPI01(0).	I/O
7	SPI_MOSI3	SPI 3 Master Out Slave In.	O
8	VDD	Positive supply for logic. Connect to 1.2V supply.	S
9	VSS	Ground reference for logic.	S
10	SPI_MISO3	SPI 3 Master In Slave Out.	I
11	SPI_SCLK3	SPI 3 Clock.	O
12	SPI_SS3	SPI 3 Chip Select.	O
13	VSSIO	Ground reference for IO pins.	S
14	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
15	BOOT_SEL	Boot select.	I
16	PROC_HB	Heartbeat signal.	O
17	RFIU1	Connect to GND.	NA

18	VDD	Positive supply for logic. Connect to 1.2V supply.	S
19	VSS	Ground reference for logic.	S
20	RFIU2	Connect to GND through a 1K resistor.	NA
21	RFIU3	JTAG TDO. Left unconnected.	NA
22	RFIU4	JTAG TMS. Connect to GND through a 1K resistor.	NA
23	RFIU5	JTAG TDI. Connect to GND through a 1K resistor.	NA
24	VSSIO	Ground reference for IO pins.	S
25	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
26	VDD	Positive supply for logic. Connect to 1.2V supply.	S
27	VSS	Ground reference for logic.	S
28	RFIU6	JTAG TCK. Connect to GND through a 1K resistor	NA
29	RFIU7	JTAG TRST. Connect to GND through a 1K resistor	NA
30	RFIU8	Test mode select. Connect to GND through a 1K resistor.	NA
31	I2C_SDA2	I2C 2 Serial Data.	I/O
32	I2C_SCL2	I2C 2 Serial Clock.	I/O
33	I2C_SCL0	I2C 0 Serial Clock.	I/O
34	I2C_SDA0	I2C 0 Serial Data.	I/O
35	VSS	Ground reference for logic.	S

36	VDD	Positive supply for logic. Connect to 1.2V supply.	S
37	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
38	VSSIO	Ground reference for IO pins.	S
39	SPI_SS1	SPI 1 Chip Select.	O
40	SPI_SCLK1	SPI 1 Clock.	O
41	SPI_MISO1	SPI 1 Master In Slave Out.	I
42	SPI_MOSI1	SPI 1 Master Out Slave In.	O
43	PUSH_RESETN	Reset. (ACTIVE LOW)	I
44	CLK	System Clock.	I
45	UART_TX1	UART 1 Serial Out / Transmit.	O
46	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
47	VSSIO	Ground reference for IO pins.	S
48	VSS	Ground reference for logic.	S
49	VDD	Positive supply for logic. Connect to 1.2V supply.	S
50	UART_RX1	UART 1 Serial In / Receive.	I
51	GPIO15	General purpose IO GPIO0(15).	I/O
52	GPIO14	General purpose IO GPIO0(14).	I/O
53	GPIO13	General purpose IO GPIO0(13).	I/O

54	GPIO12	General purpose IO GPIO0(12).	I/O
55	GPIO11	General purpose IO GPIO0(11).	I/O
56	VSS	Ground reference for logic.	S
57	VDD	Positive supply for logic. Connect to 1.2V supply.	S
58	GPIO10	General purpose IO GPIO0(10).	I/O
59	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
60	VSSIO	Ground reference for IO pins.	S
61	GPIO9	General purpose IO GPIO0(9).	I/O
62	GPIO8	General purpose IO GPIO0(8).	I/O
63	GPIO7	General purpose IO GPIO0(7).	I/O
64	GPIO6	General purpose IO GPIO0(6).	I/O
65	GPIO5	General purpose IO GPIO0(5).	I/O
66	GPIO4	General purpose IO GPIO0(4).	I/O
67	VSS	Ground reference for logic.	S
68	VDD	Positive supply for logic. Connect to 1.2V supply.	S
69	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
70	VSSIO	Ground reference for IO pins.	S
71	GPIO3	General purpose IO GPIO0(3).	I/O

72	GPIO2	General purpose IO GPIO0(2).	I/O
73	GPIO1	General purpose IO GPIO0(1).	I/O
74	GPIO0	General purpose IO GPIO0(0).	I/O
75	PWM_7	Pulse Width Modulation.	0
76	PWM_6	Pulse Width Modulation.	0
77	PWM_5	Pulse Width Modulation.	0
78	VSS	Ground reference for logic.	S
79	VDD	Positive supply for logic. Connect to 1.2V supply.	S
80	PWM_4	Pulse Width Modulation.	0
81	PWM_3	Pulse Width Modulation.	0
82	PWM_2	Pulse Width Modulation.	0
83	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
84	VSSIO	Ground reference for IO pins.	S
85	PWM_1	Pulse Width Modulation.	0
86	PWM_0	Pulse Width Modulation.	0
87	SPI_MOSI0	SPI 0 Master Out Slave In.	0
88	VSS	Ground reference for logic.	S
89	VDD	Positive supply for logic. Connect to 1.2V supply.	S

90	SPI_MISO0	SPI 0 Master In Slave Out.	I
91	SPI_SCLK0	SPI 0 Clock.	O
92	SPI_SS0	SPI 0 Chip Select.	O
93	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
94	VSSIO	Ground reference for IO pins.	S
95	I2C_SDA1	I2C 1 Serial Data.	I/O
96	I2C_SCL1	I2C 1 Serial Clock.	I/O
97	SPI_MOSI2	SPI 2 Master Out Slave In.	O
98	SPI_MISO2	SPI 2 Master In Slave Out.	I
99	VDD	Positive supply for logic. Connect to 1.2V supply.	S
100	VSS	Ground reference for logic.	S
101	SPI_SCLK2	SPI 2 Clock.	O
102	SPI_SS2	SPI 2 Chip Select.	O
103	VSSIO	Ground reference for IO pins.	S
104	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
105	UART_RX2	UART 2 Serial In / Receive.	I
106	UART_TX2	UART 2 Serial Out / Transmit.	O
107	UART_RX0	UART 0 Serial In / Receive.	I

108	UART_TX0	UART 0 Serial Out / Transmit.	O
109	GPIO31	General purpose IO GPIO1(15).	I/O
110	GPIO30	General purpose IO GPIO1(14).	I/O
111	GPIO29	General purpose IO GPIO1(13).	I/O
112	VDD	Positive supply for logic. Connect to 1.2V supply.	S
113	VSS	Ground reference for logic.	S
114	VSSIO	Ground reference for IO pins.	S
115	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
116	GPIO28	General purpose IO GPIO1(12).	I/O
117	GPIO27	General purpose IO GPIO1(11).	I/O
118	GPIO26	General purpose IO GPIO1(10).	I/O
119	GPIO25	General purpose IO GPIO1(9).	I/O
120	GPIO24	General purpose IO GPIO1(8).	I/O
121	GPIO23	General purpose IO GPIO1(7).	I/O
122	GPIO22	General purpose IO GPIO1(6).	I/O
123	VSSIO	Ground reference for IO pins.	S
124	VDDIO	Positive supply for IO pins. Connect to 3.3V supply.	S
125	VDD	Positive supply for logic. Connect to 1.2V supply.	S

126	VSS	Ground reference for logic.	S
127	GPIO21	General purpose IO GPIO1(5).	I/O
128	GPIO20	General purpose IO GPIO1(4).	I/O

S- Supply, I/O - Input/Output, I - Input, O - Output, RFIU - Reserved for internal use