

Mini PCI-e

Top side		Bottom side	
51	Reserved*	52	3.3V
49	Reserved*	50	GND
47	Reserved*	48	1.5V
45	Reserved*	46	LED_WPAN#
43	Reserved*	44	LED_WLAN#
41	Reserved*	42	LED_WWAN#
39	Reserved*	40	GND
37	Reserved*	38	USB_D+
35	GND	36	USB_D-
33	PETp0	34	GND
31	PETn0	32	SMB_DATA
29	GND	30	SMB_CLK
27	GND	28	+1.5V
25	PERp0	26	GND
23	PERn0	24	+3.3Vaux
21	GND	22	PERST#
19	Reserved	20	Reserved***
17	Reserved	18	GND
Mechanical key			
15	N/C or GND	16	VPP**
13	REFCLK+	14	RST**
11	REFCLK-	12	CLK**
9	GND	10	I/O**
7	CLKREQ#	8	VCC**
5	Reserved****	6	+1.5V
3	Reserved****	4	GND
1	WAKE#	2	+3.3V

AAPL 12+6

Pin Number	Pin Name	mini PCI-E PIN#
1	3.3V (WiFi)	3.3V
2	LED_WLAN#	44
3	GND	GND
4	PETp0	33
5	PETn0	31
6	GND	GND
7	REFCLK+	13
8	REFCLK-	11
9	GND	GND
10	PERp0	25
11	PERn0	23
12	GND	GND
Mechanical Key		
13	WAKE	1
14	PERST	22
15	CLKREQ	7
16	USB_D-	36
17	USB_D+	38
18	3.3V (Bluetooth)	3.3V