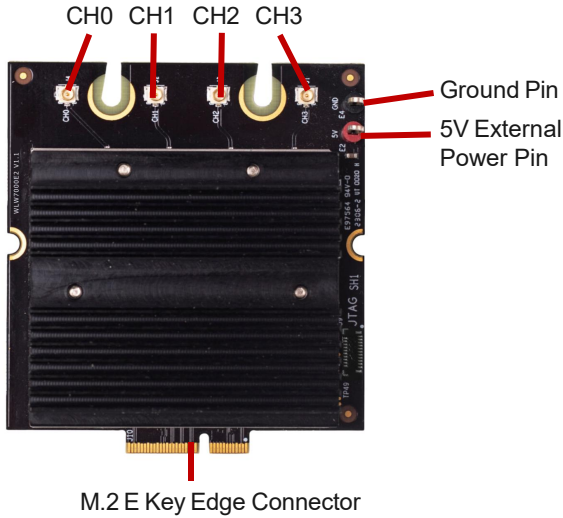


Component Map



M.2 Edge Connector Pin Assignment

M.2 edge connector pin assignment			
Top side		Bottom side	
1	GND	2	VDD_3V3
3	REFCLK_IO_P0	4	VDD_3V3
5	REFCLK_IO_N0	6	PCIE_LED0(GPIO25)
7	GND	8	NC
9	PTA2_BT_ACT	10	NC
11	PTA2_BT_PRIO	12	NC
13	PTA2_WL_ACT	14	WSI_DAT_OUT(GPIO48)
15	VDD_5V	16	NC
17	VDD_5V	18	GND
19	VDD_5V	20	WSI_CLK_OUT(GPIO49)
21	VDD_5V	22	NC
23	VDD_5V		
Mechanical key E			
33	GND	32	WSI_DAT_IN(GPIO50)
35	PCIE0_RX0_P	34	GND
37	PCIE0_RX0_N	36	WSI_CLK_IN(GPIO51)
39	GND	38	NC
41	PCIE0_TX0_P	40	NC
43	PCIE0_TX0_N	42	NC
45	GND	44	PTA1_BT_PRIO
47	PCIE0_REFCLK_P	46	PTA1_WL_ACT
49	PCIE0_REFCLK_N	48	PTA1_BT_ACT
51	GND	50	NC
53	PCIE0_CLKREQ_N	52	PCIE0_RST_N
55	PCIE0_WAKE_N	54	NC
57	GND	56	WLAN_DISABLE
59	NC	58	NC
61	NC	60	NC
63	GND	62	NC
65	NC	64	NC
67	NC	66	NC
69	GND	68	NC
71	REFCLK_IO_N1	70	NC
73	REFCLK_IO_P1	72	VDD_3V3
75	GND	74	VDD_3V3

Power Requirements

DC Power 5V (Max)

Power Consumption 12.3W

*For the customer who want to use 5V External Power Pin, please make sure pins 15, 17, 19, 21 and 23 were not connected with your board.

*For pins 52, 53 and 55 support either 1.8V or 3.3V. However, it's important to note that you can only select one voltage option for these pins.

*Default voltage for pins 52, 53 and 55 is 1.8V.