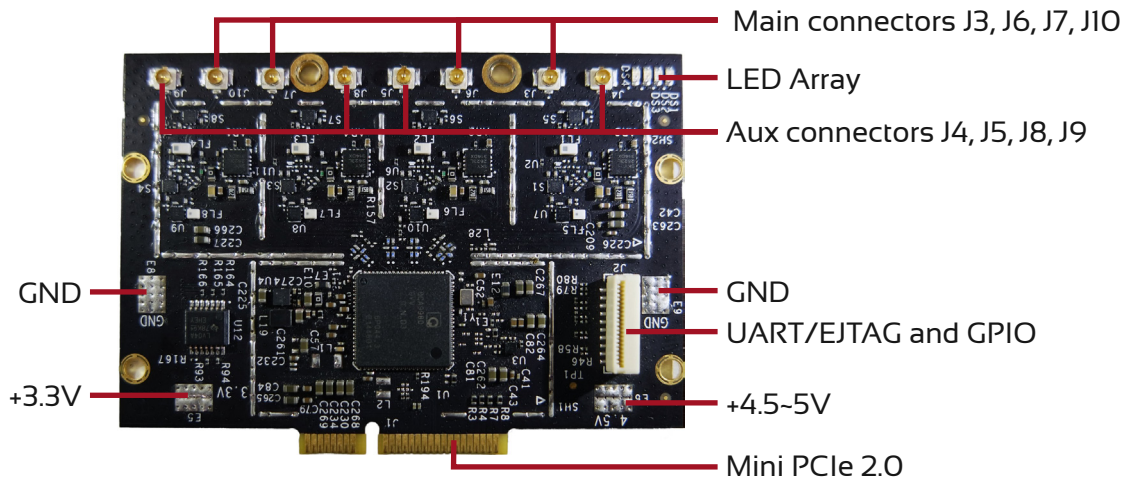


Component Map



Power Requirements

DC Power 3.3V for board & 5V for PA

Power Consumption 15 Watts (Max)

miniPCIe Slot Pin Assignment

Top side		Bottom side	
1	WAKE_L	2	+3.3V
3	CHIP_PWD_L	4	GND
5	NC	6	NC
7	CLKREQ_L	8	NC
9	GND	10	NC
11	REFCLK-	12	NC
13	REFCLK+	14	NC
15	GND	16	NC
Mechanical key			
17	NC	18	GND
19	NC	20	W_DISABLE_N
21	GND	22	PERST_L
23	PERn0	24	+3.3V
25	PERp0	26	GND
27	GND	28	NC
29	GND	30	NC
31	PETn0	32	NC
33	PETp0	34	GND
35	GND	36	NC
37	NC	38	NC
39	NC	40	GND
41	NC	42	NC
43	GND	44	LED_WLAN_L
45	+5V	46	NC
47	+5V	48	NC
49	+5V	50	GND
51	+5V	52	+3.3V

GPIO Pin Mapping

UART/EJTAG and GPIO Function					
Pin	GPIO	Function	Pin	GPIO	Function
1	GPIO_30	GLOBAL_TEST	2	GPIO_29	CPU_EJTAG_SEL
3	GPIO_16		4	NC	GND
5	GPIO12	TMS	6	GPIO_6	SOC_UART_RXD
7	NC	GND	8	NC	GND
9	GPIO_13	TCK	10	GPIO_7	SOC_UART_TXD
11	NC	GND	12	NC	GND
13	GPIO_14	TDI	14	GPIO_8	SOC_UART_RTS_N
15	NC	GND	16	NC	GND
17	GPIO_15	TDO	18	GPIO_9	SOC_UART_CTS_N
19	NC	GND	20	NC	GND
Bootstrap					
GPIO_15		REF_CLK_SEL(LOW)	GPIO_16		CPU_INIT_RST_N(HIGH)
GPIO_29		CPU_EJTAG_SEL(HIGH)	GPIO_30		GLOBAL_TEST(LOW)
GPIO_31		CHIP_TEST_MODE(LOW)	GPIO_32		DIG_TEST_EN(LOW)
LED Array					
GPIO_17		WLAN_LED	GPIO_18		WLAN_DISABLE_N
GPIO_19		EEPROM_PROT	GPIO_20		I2C_SDA
GPIO_22		I2C_CLK	GPIO_2		SWCOM0
GPIO_3		SWCOM1			
GPIO					
LED Array		GPIO			
1	DS1	SWCOM2	GPIO_0_SWCOM2		
2	DS2	SWCOM3	GPIO_1_SWCOM3		
3	DS3	SWCOM4	GPIO_4_SWCOM4		
4	DS4	SWCOM5	GPIO_5_SWCOM5		