	8			7	6		5			4		3		2		1		
	1. ALL RESISTANCE VALUES ARE IN	N OHMS, 0.	.1 WATT +/- 5	5%.			T O 1 1 •	1/17 T	, D		•		- 1	REV	ECN	DESCRIPTION OF REVISION	CK APPD	
	2. ALL CAPACITANCE VALUES ARE3. ALL CRYSTALS & OSCILLATOR VA						J211:							Q	0014250029	ENGINEERING RELEASED	DATE 2018-09-30	_
						LAST_MODIFICAT	FION=Sun Sep 3	0 23:08:	21 20	18				l 8	0014250029	ENGINEERING RELEASED	2018-09-30	
$\mid_{D}\mid$																		
		PAG	GE CSA	CONTENTS		SYNC	DATE			CONTENTS		SYNC	DATE					
	2	2	1	TABLE OF CONTENTS BLOCK DIAGRAM		J207B_MLB_B	03/30/2018	51 52		BBPMU: RAILS BB: INTERFACE		RADIO_MLB_0.37.0 RADIO_MLB_0.37.0	09/30/2018					
	3	4		BOM TABLES		J217_MLB_B	04/09/2018	53		BB: DDR PWR & JTAG		RADIO_MLB_0.37.0	09/30/2018					
	4	5	6	SOC: MISC & ALIASES		MLB_B_DOE	07/30/2018 54 04/09/2018		100	BB: DIGITAL PWR		RADIO_MLB_0.37.0	09/30/2018					
		5 6	7	SOC: JTAG, USB, XTAL SOC: PCIE		J217_MLB_B J217_MLB_B	04/09/2018	55 56		XCVR: TX & GNSS XCVR: INTERFACE & PWR		RADIO_MLB_0.37.0 RADIO_MLB_0.37.0	09/30/2018					
		7	8	SOC: MIPI		J217_MLB_B	04/09/2018	57		XCVR: PRX DRX		RADIO_MLB_0.37.0	09/30/2018					
		8 9	9	SOC: LPDP SOC: SERIAL		J217_MLB_B J217_MLB_B	04/09/2018 04/09/2018	58 59	111 112	HW CONFIG OPTIONS ET		RADIO_MLB_0.37.0 RADIO_MLB_0.37.0	09/30/2018					
	10	11		SOC: GPIO & UART		J217_MLB_B	04/09/2018	60		LB SPAD		RADIO_MLB_0.37.0	09/30/2018					
		11	12	SOC: AOP		J217_MLB_B	04/09/2018	61		HB SPAD		RADIO_MLB_0.37.0	09/30/2018					
		$\frac{12}{13}$	13 14	SOC: POWER (1/3) SOC: POWER (2/3)		J217_MLB_B J217_MLB_B	04/09/2018 04/09/2018	62 63		UHB LMB SPAD LB DIVERSITY RECEIVE LNA		RADIO_MLB_0.37.0 RADIO_MLB_0.37.0	09/30/2018					
		14	15	SOC: POWER (3/3)		J217_MLB_B	04/09/2018	64	117			RADIO_MLB_0.37.0	09/30/2018					
	15 16	16 17		SOC: BOTTOM SIDE DECAPS NAND: S4E NAND		MLB_B_DOE_1.1.0 J217_MLB_B	08/22/2018 65 04/09/2018 66			LOWER ANTENNA & COUPLER UPPER ANTENNA FEEDS		RADIO_MLB_0.37.0 RADIO_MLB_0.37.0	09/30/2018					
	17	21		SENSOR: KOBOL, PHOS2		J217_MLB_B	04/09/2018 67			TEST POINTS		RADIO_MLB_0.37.0	09/30/2018					C
		18	22	TOUCH: KONA		J217_MLB_B	04/09/2018	68		VENUS		RADIO_MLB_0.37.0	09/30/2018					
		$\frac{19}{20}$	24 25	TOUCH: GRAPE CONN CAMERA: MIPI BRIDGE		J217_MLB_B J217_MLB_B	04/09/2018 04/09/2018	69 70		SIM: ESIM SIM: PSIM		RADIO_MLB_0.37.0 RADIO_MLB_0.37.0	09/30/2018					
		21		FLEX CONNS: RCAM, ALS-PWR-B	BTN, VOL-BTN	J217_MLB_B	04/09/2018	71		18.7 QPLEXER & ANT RFFE		RADIO_MLB_0.37.0	09/30/2018					
		$\frac{22}{23}$	30	CAMERA: FRONT AUDIO: CLIFDEN, BELFIELD		J217_MLB_B	04/09/2018 04/09/2018											
	24	31	30	FLEX CONN: DMIC, ALS1 FILTE	ERS	J217_MLB_B J217_MLB_B	04/09/2018											
Ш		25	32	AUDIO: SPEAKER AMPS (CN)		J217_MLB_B	04/09/2018											
		$\frac{26}{27}$	35 37	IO: HYDRA IO: HOTBAR		J217_MLB_B MLB_B_DOE	04/09/2018 07/30/2018											
		28	45	DISPLAY: FILTERS & CONN		MLB_B_DOE	07/30/2018											
	30	29	47	SENSOR: MESA J210+J211 WiFi+BT_GNSS		J217_MLB_B	04/09/2018											
	30	31	50	J210+J211: Diet Coke Primar	ry Module	WIFI_MLB_0.33.0 WIFI_MLB_0.33.0	09/30/2018											
		32		J211: Remote FEMs		WIFI_MLB_0.33.0	09/30/2018											
		$\frac{33}{34}$	52 80	J211: Front End J210-J211 UNIQUE		WIFI_MLB_0.33.0 J211_MLB_B	09/30/2018 06/28/2018											
B	35	81		POWER: ATLAS (1/3)			04/09/2018											B
	36 37	82 83		POWER: ATLAS (2/3)		J217_MLB_B	04/09/2018											
	3 /	38	85	POWER: ATLAS (3/3) POWER: CHARGER		J217_MLB_B J217_MLB_B	04/09/2018 04/09/2018											
		39	86	POWER: EXTERNAL SWITCHES		J217_MLB_B	04/09/2018											
		$\frac{40}{41}$	88 89	POWER: USB PD POWER: BATTERY CONN		J217_MLB_B J207B_MLB_B	04/09/2018											
		42	90	SOC: DEBUG		J217_MLB_B	04/09/2018											
H	44	43 92	91	ALIASES: WLAN/BT BASEBAND UNIQUE		J207B_MLB_B J217_MLB_B	04/18/2018 04/09/2018											
	77	$\frac{92}{45}$	93	TEST: TPS/HOLES/FIDUCUALS		J217_MLB_B J217_MLB_B	04/09/2018											
		46	95	TEST: EE TP/PP		J217_MLB_B	04/09/2018											
		$\frac{47}{48}$	99 101	POWER: ALIASES ANTENNA DIAGRAM		J217_MLB_B RADIO_MLB_0.37.0	04/09/2018											
		49		BOM TABLES		RADIO_MLB_0.37.0	09/30/2018											
	50	103		BBPMU: CONTROL		RADIO_MLB_0.37.0	09/30/2018											
A														SYNC_M	ASTER=J207_MLB_B_	TABLE OF CONTENTS ARUBA	SYNC_DATE=03/05/201	A E
										SCH AND BOARD P/N			No. of	DIVAVIIV		SCHEM, MLB-B, NY, J211		
										PART# QTY DESCRIPTION 051-03977 1 SCHEM, MLB-B, NY, J211	REFERENCE DESIGNATOR(S) SCH1	CRITICAL BOM OPTION CRITICAL	NACCOM					
										820-01495 1 PCBF,MLB-B,NY,J211	PCB1	CRITICAL	Nat. 2, 700					
																		
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