	8		7	6		5		4	3		2		1		
	1. ALL RESISTANCE VALUES ARE IN OHMS,	0.1 WATT +	-/- 5%.								REV E	CN DES	SCRIPTION OF REVISION	CK APPD	1
	<ol> <li>ALL CAPACITANCE VALUES ARE IN MICR</li> <li>ALL CRYSTALS &amp; OSCILLATOR VALUES A</li> </ol>		ΓΖ.	T191	DΩ		•	MIT D D			5 00179	36654 FNG	INEERING RELEASED	DATE 2019-05-28	_
				0421	PZ	CHINF	7 •	MLB-B			3   00172	730034   ENG	INSEKING KEDEASED	2017 03 20	
						00 12.00.	F 4 00	1.0							
						ay 28 13:29:		19 J417_STOCKHOLM_MLB							
D				WIFI_SYNC: 3	420_WIFI_MLB	B DE	J_SYNC:	J417_DEV_ARUBA_J4XX							D
						May 28 13:29									
	PAG 1		CONTENTS TABLE OF CONTENTS	SYNC	DATE	PAG 51		CONTENTS  NFC CONTROLLER	SYNC STOCKHOLM_MLB_0.4.0	<b>DATE</b> 02/26/2019					
	22		BLOCK DIAGRAM		03/09/201			GPM	J421_P2_CHINA	05/15/2019					
	$\frac{3}{4}$	5	BOM TABLES SOC: MISC & ALIASES		05/28/201		77 78	POWER: APOLLO (1/3) POWER: APOLLO (2/3)		12/17/2017 12/17/2017					
	5	6	SOC: MAIN		40 12/17/201		79	POWER: APOLLO (3/3)	DEV_REV_0.40	12/17/2017					
	6 7	8	SOC: I/OS SOC: LPDP & MIPI		_в 01/07/201 40 12/17/201		80	ORION CONNECTOR & POWER PATH POWER: ATHENA (1/4)		03/09/2017 12/17/2017					
	8	9	SOC: PCIE		40 12/17/201		82	POWER: ATHENA (2/4)	DEV_ARUBA_J3XX	01/03/2018					
	$\frac{9}{10}$		SOC: AOP SOC: POWER (DDR, SRAM)		$\begin{array}{ccc} \text{OP} & 01/11/201 \\ 40 & 12/17/201 \end{array}$		84	POWER: ATHENA (3/4) POWER: ATHENA (4/4)		12/17/2017					
	11		SOC: POWER (IO) SOC: POWER (CPU, GPU)		40 12/17/201 40 12/17/201		85 86	POWER: CHARGER POWER: EXTERNAL SWITCHES	DEV_REV_0.40 ARUBADEV_REV_0.30	12/17/2017					
	13		SOC: POWER (CFO, GFO)  SOC: POWER (SRAM, SOC)		40 12/17/201		87	POWER: SCORPIUS/BELLATRIX2 BOOSTS		5 02/20/2018					
	14 加病	15	SOC: GND-2	DEV_REV_0.	12/17/201 12/17/201		89	POWER: BATTERY & ORION SCORPIUS CON SOC: DEBUG	NN J317_REV_0_27	05/21/2017					
	16	18	NAND: NAND1	DEV_KEV_0.40	03/09/201		91	ALIASES: BB/WLAN/BT	J317_MLB_B	01/11/2019					
	$\frac{17}{18}$	19 21	NAND: NAND2 SENSOR: KOBOL, PHOS2, MOLY	MIB A REV O	03/09/201		92	ALIASES: J417/J420 DIFF TEST: TPS/HOLES/FIDUCUALS	TPS EE TP PP	03/09/2017 02/27/2019					
	19	22	TOUCH: LANAI MASTER	J317_MLB_B_P	oc 04/05/201	.7 69	94	TEST: TPS ADDITIONAL		02/27/2019					
	$\frac{20}{21}$		TOUCH: KONA SLAVE TOUCH: GRAPE CONN		000000000000000000000000000000000000	<del></del>	95 98	TEST: EE TP/PP TEST: DCR TABLE		02/27/2019 02/20/2018					
	225		CAMERA: PENROSE ADC	J418_SYNC_P2	05/16/201			ALIASES: POWER	J207_MLB_B	03/09/2017					
	$\frac{23}{24}$	27	CAMERA: B2B STROBE & MISC  CAMERA: B2B FRONT		_B 01/14/201 NC 05/12/201			BOM TABLES BBPMU: CONTROL (1/2)	RADIO_MLB_0.57.0						
	25 25	29	CAMERA: STROBE		05/12/201			BBPMU: RAILS (2/2)	RADIO_MLB_0.57.0						
	$\frac{26}{27}$		AUDIO: BORRIS BOOST AUDIO: DMIC B2B & FILTERS	T217 DEW 0	27 05/21/201	76 77		BB: INTERFACE (1/3) BB: MEMORY & TRACING (2/3)	RADIO_MLB_0.57.0 RADIO_MLB_0.57.0						
	28	32	AUDIO: SPEAKER AMPS (CNL)	J317_MLB_SYNC	05/12/201			BB: POWER (3/3)	RADIO_MLB_0.57.0						
	$\frac{29}{30}$	33 34	AUDIO: SPEAKER AMPS (CNR) AUDIO: SPEAKER AMPS (FHL)		05/12/201			XCVR: TX & GNSS (1/3) XCVR: INTERFACE & PWR (2/3)	RADIO_MLB_0.57.0 RADIO_MLB_0.57.0						
	31		AUDIO: SPEAKER AMPS (FHR)		05/12/201			XCVR: PRX DRX (3/3)	RADIO_MLB_0.57.0						
в	$\frac{\overline{32}}{\overline{33}}$		IO: ACE PERIPHERALS IO: IOFLEX B2B & SIM B2B	USBREDRIVER_LEVEL_SHIFT	01/10/201 03/09/201		109	ET LB SPAD	RADIO_MLB_0.57.0 RADIO_MLB_0.57.0						В
	34	38	IO: ACE USB-C CONTROLLER	J420_M	LB 01/24/201			HB SPAD	RADIO_MLB_0.57.0						
	359	40	IO: ACE REDRIVER IO: ACE FILTERS	MLB_A_REV_0.6	11/06/201 DC 11/06/201		112	UHB MLB SPAD LB DIVERSITY RECEIVE LNA	RADIO_MLB_0.57.0 RADIO_MLB_0.57.0						
	37		PEARL: RIGEL DRIVER		34 05/26/201			HB DIVERSITY RECEIVE LNA	RADIO_MLB_0.57.0						
	38	42	PEARL: B2B TITUS + JULIET PEARL: B2B ROSALINE + MISC		38 06/02/201 38 06/02/201			MIMO RECIEVE LNA PRIMARY COUPLER	RADIO_MLB_0.57.0						
	$\frac{39}{40}$	45	DISPLAY: B2B CONN	U 3 1 / _ K E V _	03/09/201			SECONDARY COUPLER	RADIO_MLB_0.57.0						
	41 m co	46	DISPLAY: EDP SUPPORT GODFATHER	J420_WIFI_MLB_0.15	03/09/201		118	BLANK ANTENNA: UAT FEED	RADIO_MLB_0.57.0 RADIO_MLB_0.57.0						$\vdash$
	$\frac{43}{43}$	50	J421: Remote FEM	J420_WIFI_MLB_0.15			120	ANTENNA: CAT FEED  ANTENNA: LAT FEED	RADIO_MLB_0.57.0						
	44	51 60	J421: Front End CAMERA: ADAMS POWER (1/2)	J420_WIFI_MLB_0.15	.0 05/28/201 AM 01/09/201			ANTENNA: CELL CONNECTIONS ANTENNA: Diagram and LAA	RADIO_MLB_0.57.0 RADIO_MLB_0.57.0						
	$\frac{45}{46}$	61	CAMERA: ADAMS FOWER (1/2)  CAMERA: ADAMS IO (2/2)		AM 01/09/201 AM 01/09/201			SIM	RADIO_MLB_0.57.0						
	47		CAMERA: JASPER POWER  CAMERA: B2B RCAM1 WIDE		NA 05/22/201 AM 01/09/201		124	TEST POINTS	radio_mlb <u>0</u> 6./5 <b>1</b> 60	2019					
	49	66	CAMERA: B2B RCAM2 SWIDE		P2 05/16/201										
A	50	67	CAMERA: B2B JASPER	J418_SYNC_	P2 05/16/201	.9					TABLE OF	CONTENTS			1 A
												SCH	HEM,MLB-B,NY,J421		
								SCH AND BOARD P/N		MAGGARA					
								PART# QTY DESCRIPTION REFE  051-04757 1 SCH,MLB-B,J421	ERENCE DESIGNATOR(S)  SCH1 CRITICAL	1044,5,700					
AWING	3							820-01798 1 PCBF,MLB-B,J421	PCB1 CRITICAL	Table 4, 1989					
	8		7	6		5		4	3		2		1		































































































































































































