	8 7	6 5	4	3		2	1		
	1. ALL RESISTANCE VALUES ARE IN OHMS, 0.1 WATT +/- 5%.	J318 PREEVT	7 • MT D D		•	REV ECN	DESCRIPTION OF REVISION	CK APPD	
	2. ALL CAPACITANCE VALUES ARE IN MICROFARADS. 3. ALL CRYSTALS & OSCILLATOR VALUES ARE IN HERTZ.					6 0012005808	ENGINEERING RELEASED	2018-04-16	_
		LAST_MODIFICATION=Mon Apr J320_DEV_ARUBA_J3XX SY	YNC VER 0.43.0					, 5557 17 57	
		J320_RADIO_MLB SYNC J317_WIFI_MLB SYNC	VER 0.157.0 VER 0.80.0						
		J320_NFC_MLB SYNC	VER 0.22.0						
D									
	PAGE CSA CONTENTS 1 1 TABLE OF CONTENTS	SYNC DATE	PAGE CSA CONTENTS 51 82 POWER: ATHENA (2/4)		DATE 12/14/2017				
	2 2 BLOCK DIAGRAM	MLB_P0 07/17/2017	52 83 POWER: ATHENA (3/4)	DEV_ARUBA_J3XX	12/14/2017				
	3 4 BOM TABLES	MLB_P0 07/17/2017	53 84 POWER: ATHENA (4/4)		12/14/2017				
	4 5 SOC: MISC & ALIASES 5 6 SOC: MAIN	MLB_P0 07/17/2017 54 8 DEV_ARUBA_J3XX 12/14/2017	85 POWER: CHARGER 55 86 POWER: EXTERNAL SWITCHES	DEV_ARUBA_J3XX DEV_ARUBA_J3XX	12/14/2017				
	6 7 SOC: I/OS	DEV_ARUBA_J3XX 12/14/2017	56 87 POWER: SCORPIUS/BELLATRIX2 BOOSTS	J317_MLB_B_MYST	08/02/2017				
	7 8 SOC: LPDP & MIPI 8 9 SOC: PCIE	DEV_ARUBA_J3XX 12/14/2017 DEV_ARUBA_J3XX 12/14/2017	57 89 POWER: BATTERY & ORION & SCORPIUS CONN 58 90 SOC: DEBUG	MLB_P0 J207_MLB_B	07/17/2017				
	9 10 SOC: AOP	-	59 91 ALIASES: BB/WLAN/BT		04/20/2017				
	10 11 SOC: POWER (DDR, SRAM)		900 ALIASES: J317/J320 DIFF		04/07/2017				
	11 12 SOC: POWER (IO) 12 13 SOC: POWER (CPU, GPU)	DEV_ARUBA_J3XX 12/14/2017 DEV_ARUBA_J3XX 12/14/2017	61 93 TEST: TPS/HOLES/FIDUCUALS 62 95 TEST: EE TP/PP	MLB_P0 	07/17/2017				
	13 14 SOC: POWER (SRAM, SOC)	DEV_ARUBA_J3XX 12/14/2017	63 98 TEST: DCR TABLE	DCR	02/07/2018				
	14 15 SOC: GND 15 16 SOC: GND-2	DEV_ARUBA_J3XX 12/14/2017 DEV_ARUBA_J3XX 12/14/2017 65 1	64 99 ALIASES: POWER 101 CELL: TABLE OF CONTENTS	J207_MLB_B RADIO_MLB	04/10/2017 04/12/2018				
	16 18 NAND: NAND1		102 BOM TABLES	RADIO_MLB	04/12/2018				
	17 19 NAND: NAND2		103 BBPMU: CONTROL	RADIO_MLB	04/12/2018				
	18 21 SENSOR: GRAPHITE, PHOS2, MOLY 19 22 TOUCH: KONA MASTER	MLB_P0 07/17/2017 J207_MLB_B 03/13/2017	68 104 BBPMU: RAILS 69 105 BB: INTERFACE	RADIO_MLB RADIO_MLB	04/12/2018				
	20 23 TOUCH: KONA SLAVE	J207_MLB_B 03/13/2017	70 106 BB: DDR PWR & JTAG	RADIO_MLB	04/12/2018				
	21 24 TOUCH: GRAPE CONN	MLB_P0 07/17/2017	71 107 BB: DIGITAL PWR	RADIO_MLB	04/12/2018				
	22 26 CAMERA: HAWKING 23 27 CAMERA: B2B REAR(C3 CONN)	MLB_P0 07/17/2017 J317_MLB_B_MYST 08/02/2017	72 108 XCVR: TX & GNSS 73 109 XCVR: INTERFACE & PWR	RADIO_MLB RADIO_MLB	04/12/2018				
	24 28 CAMERA: B2B FRONT	J317_MLB_B_POC_MOD 05/24/2017 74 1	1 10 XCVR: PRX DRX	RADIO_MLB	04/12/2018				
	25 29 CAMERA: STROBE 26 31 AUDIO: DMIC B2B & FILTERS	J207_MLB_B 03/13/2017 J320_MLB 05/11/2017	75 111 KAROO CONFIG 76 112 ET	RADIO_MLB RADIO_MLB	04/12/2018				\vdash
	27 32 AUDIO: SPEAKER AMPS (CNL)	MLB_P0 07/17/2017	77 113 LB SPAD	RADIO_MLB	04/12/2018				
	28 33 AUDIO: SPEAKER AMPS (CNR)	MLB_P0 07/17/2017	78 114 HB SPAD	RADIO_MLB	04/12/2018				
	29 34 AUDIO: SPEAKER AMPS (FHL) 30 35 AUDIO: SPEAKER AMPS (FHR)	MLB_P0 07/17/2017 MLB_P0 07/17/2017 80	79 115 UHB LMB SPAD 116 BLANK PAGE	RADIO_MLB RADIO_MLB	04/12/2018				
	31 37 IO: IOFLEX B2B & SIM B2B	J317_MLB_B_POC_MOD 05/24/2017	81 117 LB DIVERSITY RECEIVE LNA	RADIO_MLB	04/12/2018				
	32 38 IO: ACE CONTROLLER 33 39 IO: ACE PERIPHERALS	DEV_SCORPIUS_DISCRETE12/08/2017 J320_MLB 05/11/2017	82 118 HB DIVERSITY RECEIVE LNA 83 119 MIMO RECEIVE LNAS	RADIO_MLB RADIO_MLB	04/12/2018				
 B	34 40 IO: ACE FILTERS	J320_ACE 05/05/2017	84 120 LOWER ANTENNA & COUPLER		04/12/2018				B
	35 41 PEARL: RIGEL DRIVER		121 ANTENNAS	RADIO_MLB	04/12/2018				-
	36 42 PEARL: B2B TITUS + JULIET 37 43 PEARL: B2B ROSALINE + MISC		122 ANTENNA: UAT FEED 123 ANTENNA: LAT FEED	RADIO_MLB RADIO_MLB	04/12/2018				
	38 45 DISPLAY: B2B CONN	J207_MLB_B 03/27/2017	88 124 ANTENNA: MLC		04/12/2018				
	39 46 DISPLAY: EDP SUPPORT	J207_MLB_B 05/07/2017	89 125 ANTENNA: LAA	RADIO_MLB	04/12/2018				
	40 49 J317+J318: Diet Coke Primary Mod 41 50 J318: Remote FEMs	dule RADIO_MLB 03/16/2018 RADIO_MLB 03/16/2018	90 126 SIM/VINYL 91 127 TEST POINTS	RADIO_MLB RADIO_MLB	04/12/2018				
	42 51 J318: Metrocirc	RADIO_MLB 03/16/2018							
\square	43 74 NFC CONTROLLER 44 75 NFC FRONT END	NFC_MLB 01/25/2018 NFC_MLB 01/23/2018							
	45 76 POWER: OV CUT-OFF	OV_CUTOFF 01/17/2018							
	46 77 POWER: APOLLO (1/3)	DEV_ARUBA_J3XX 12/14/2017							
	47 78 POWER: APOLLO (2/3) 48 79 POWER: APOLLO (3/3)	DEV_ARUBA_J3XX 12/14/2017 DEV_ARUBA_J3XX 12/14/2017							
	49 80 POWER: ORION & B2B FETS	J320_MLB 05/11/2017							
	50 81 POWER: ATHENA (1/4)	DEV_ARUBA_J3XX 12/14/2017							
A						SYNC_MASTER=MLB_P0		SYNC_DATE=07/17/201	17 A
			SCH AND BOARD P/N		M-100	DRAWING TITLE	SCHEM, MLB-B, (NY), J318		
			PART# QTY DESCRIPTION REFERENCE DESIGNATO	· · ·	Made (c) 4900 Made (c) 790				
			051-03638 1 SCHEM, MLB-B, (NY), J318 SCH1 820-01352 1 PCBF, MLB-B, (NY), J318 FCB1	CRITICAL CRITICAL	Mark (, file				
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