	8		7	6		5		4	3		2			1	
	1. ALL RESISTANCE VALUES ARE IN OHM	•	/- 5%.								REV	ECN D	DESCRIPTION OF REVISION	CK APPD	
	2. ALL CAPACITANCE VALUES ARE IN MI 3. ALL CRYSTALS & OSCILLATOR VALUE		ΓZ.	.T420	D2	CHTNZ	•	MLB-A			1 00	18101741 E	NGINEERING RELEASED	2019-06-	<b>ATE</b> 06
				UTZU		CIITINE	7 •								
				LAST_MODIF	IED=Thu J	Jun 6 10:50:	43 20	19							
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ןט															
	PA		CONTENTS	SYNC	DATE	PAG		CONTENTS	SYNC	DATE					
	$rac{1}{2}$	1	TABLE OF CONTENTS BLOCK DIAGRAM		03/09/20	$\phantom{00000000000000000000000000000000000$	74	NFC CONTROLLER  GPM	STOCKHOLM_MLB_0.4.0 J421_P2_CHINA	02/26/2019 05/15/2019					
	3	4	BOM TABLES SOC: MISC & ALIASES		03/09/20		77 78	POWER: APOLLO (1/3) POWER: APOLLO (2/3)		12/17/2017					
	5	6	SOC: MAIN	DEV_REV_0.4	40 12/17/20		79	POWER: APOLLO (2/3)  POWER: APOLLO (3/3)		12/17/2017 12/17/2017					
	$\frac{6}{7}$	7 8	SOC: I/OS SOC: LPDP & MIPI		_в 01/07/20 40 12/17/20		80 81	ORION CONNECTOR & POWER PATH POWER: ATHENA (1/4)	DELL DELL O. 40	03/09/2017 12/17/2017					
	8	9	SOC: PCIE	DEV_REV_0.4	40 12/17/20	17 58	82	POWER: ATHENA (2/4)	DEV_ARUBA_J3XX	01/03/2018					
	$\frac{9}{10}$		SOC: AOP SOC: POWER (DDR, SRAM)	J417_MLB_SOC_AC	$\begin{array}{ccc} \text{OP} & 01/11/20 \\ \hline 40 & 12/17/20 \end{array}$		83	POWER: ATHENA (3/4)  POWER: ATHENA (4/4)		12/17/2017					
	$\frac{\overline{11}}{10}$	1 12	SOC: POWER (IO)	DEV_REV_0.4	40 12/17/20	17 61	85	POWER: CHARGER	DEV_REV_0.40	12/17/2017					
	$\frac{12}{13}$		SOC: POWER (CPU, GPU)  SOC: POWER (SRAM, SOC)		40     12/17/20       40     12/17/20		86 87	POWER: EXTERNAL SWITCHES  POWER: SCORPIUS/BELLATRIX2 BOOSTS	ARUBADEV_REV_0.30  MLB_A_REV_0.6	02/20/2018					
	14	4 15	SOC: GND-2	DEV_REV_0.4	12/17/20 12/17/20		89	POWER: BATTERY & ORION SCORPIUS CON	J317_REV_0_27	05/21/2017 03/09/2017					C
	16	5 18	NAND: NAND1	DEV_REV_U.40	03/09/20	17 66	91	ALIASES: BB/WLAN/BT	J317_MLB_B	01/11/2019					
	$\frac{17}{18}$	7 19 8 21	NAND: NAND2 SENSOR: KOBOL, PHOS2, MOLY	MLB A REV 0	03/09/20		92	ALIASES: J417/J420 DIFF TEST: TPS/HOLES/FIDUCUALS	TPS EE TP PP	03/09/2017 02/27/2019					
	$\frac{19}{19}$	9 22	TOUCH: LANAI MASTER	J420_MLB_	_в 05/24/20	19 69	94	TEST: TPS ADDITIONAL	TPS_EE_TP_PP	02/27/2019					
	$\frac{20}{21}$		TOUCH: KONA SLAVE TOUCH: GRAPE CONN		oc $04/05/20$ SA $03/15/20$		95 98	TEST: EE TP/PP TEST: DCR TABLE		02/27/2019 02/20/2018					
	22	<b>8</b>	CAMERA: PENROSE ADC	J418_SYNC_P2	05/16/20			ALIASES: POWER	J207_MLB_B	03/09/2017					
	$\frac{23}{24}$		CAMERA: B2B STROBE & MISC  CAMERA: B2B FRONT		_B 01/14/20 NC 05/12/20										
	25 26		CAMERA: STROBE AUDIO: BORRIS BOOST	J317_MLB_SYN	NC 05/12/20	17									
	<u>27</u>	7 31	AUDIO: DMIC B2B & FILTERS		27 05/21/20										
	$\frac{28}{29}$		AUDIO: SPEAKER AMPS (CNL)  AUDIO: SPEAKER AMPS (CNR)	J317_MLB_SYNC J317_MLB_SYN	05/12/20										
	$\frac{30}{31}$		AUDIO: SPEAKER AMPS (FHL) AUDIO: SPEAKER AMPS (FHR)		NC 05/12/20 _B 05/24/20										
R	$\frac{31}{32}$		IO: ACE PERIPHERALS	USBREDRIVER_LEVEL_SHIFTI											
	33		IO: IOFLEX B2B & SIM B2B IO: ACE USB-C CONTROLLER	т420 МІ	03/09/20 LB 01/24/20										
	39	9	IO: ACE REDRIVER	MLB_A_REV_0.6	11/06/20	18									
	$\frac{36}{37}$		IO: ACE FILTERS  PEARL: RIGEL DRIVER		$\begin{array}{ccc} 11/06/20 \\ \hline 34 & 05/26/20 \end{array}$										
	38	8 42	PEARL: B2B TITUS + JULIET	J317_REV_3	38 06/02/20	17									
	$\frac{39}{40}$	0 45	PEARL: B2B ROSALINE + MISC DISPLAY: B2B CONN	J317_REV	03/09/20										
	41	1 46 <b>9</b>	DISPLAY: EDP SUPPORT GODFATHER	J420_WIFI_MLB_0.17	03/09/20										H
	43		J420: Remote FEMs	J420_WIFI_MLB_0.17	.0 06/04/20	19									
	$\frac{44}{45}$	4 51 5 60	J420: Front End  CAMERA: ADAMS POWER (1/2)	J420_WIFI_MLB_0.17											
	$\frac{\overline{46}}{47}$		CAMERA: ADAMS IO (2/2)	JASPER_WILL_ADA	AM 01/09/20	19									
	$\frac{47}{48}$		CAMERA: JASPER POWER  CAMERA: B2B RCAM1 WIDE	J420_MLB_ JASPER_WILL_ADA	_B 05/24/20 AM 01/09/20										
A	<u>49</u>	9 66	CAMERA: B2B RCAM2 SWIDE  CAMERA: B2B JASPER		P2 05/16/20 P2 05/16/20						יין אין די		10		
	<u>50</u>	0 /	CULTIVA. DAD ANDLEK	J418_SYNC_I	-2 UJ/IU/ZU	<u> </u>					DRAWING TITLE		CHEM, MLB-A, YN, J420		<b></b>
								SCH AND BOARD P/N							$\exists$
									ERENCE DESIGNATOR(S)  CREWONG ADPTION	had game					
ΔΙΛΛΙΔΙ								051-04756 1 SCH,MLB-A,YN,J420 820-01797 1 PCBF,MLB-A,YN,J420	SCH1 CRITICAL  PCB1 CRITICAL	Total A John					
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