3 2 8 6 CK APPD 1. ALL RESISTANCE VALUES ARE IN OHMS, 0.1 WATT +/- 5%. REV DESCRIPTION OF REVISION 2. ALL CAPACITANCE VALUES ARE IN MICROFARADS. DATE J172A MLB_B 3. ALL CRYSTALS & OSCILLATOR VALUES ARE IN HERTZ. 2020-04-06 0022839785 ENGINEERING RELEASED QTY DESCRIPTION REFERENCE DESIGNATOR(S) CRITICAL BOM OPTION 1051-0**50HEM**, MLB-B CRITICAL 820-01931 1 PCBF,MLB-B PCB1 CRITICAL LAST_MODIFICATION=Mon Apr 6 08:56:41 2020 DATE DATE PAGE CSA CONTENTS SYNC PAGE CSA CONTENTS SYNC TABLE OF CONTENTS 46 XC**98:** PRX DRX J207B_MLB_B 04/17/2019 BLØCK DIAGRAM 47 HW6 CONFIG OPTIONS 03/27/2019 61 ET BOM TABLES J71B_MLB_B1 62 LB SPAD 01/02/2018 SOC: MISC & ALIASES J71B_MLB_B1 03/27/2019 01/02/2018 J211_MLB_B SOC: JTAG, USB, XTAL 03/27/2019 63 HB SPAD 01/02/2018 SOC: PCIE 03/27/2019 64 UHB LMB SPAD J211_MLB_B SOC: MIPI J211/MLB_B_6.14.003/27/2019 LB6DIVERSITY RECEIVE LNA 01/02/2018 J211_MLB_B SOC: LPDP 03/27/2019 66 HB DIVERSITY RECEIVE LNA J211_MLB_**B**3/27/2019 01/02/2018 SOCO SERIAL LOWER ANTENNA & COUPLER 03/27/2019 68 UPPER ANTENNA FEEDS 11 SOC: GPIO & UART J211_MLB_B 01/02/2018 03/27/2019 69 TEST POINTS 10/11/2018 12 SOC: AOP J211_MLB_B 70 NFC: CERES 13 SOC: POWER (1/3) J211_MLB_B 03/27/2019 10/11/2018 03/27/2019 71 SIM: ESIM 14 SOC: POWER (2/3) J211_MLB_B 14 SOC5 POWER (3/3) 10/11/2018 03/27/2019 72 ANT RFFE J211_MLB_B MLB_B_DOE_1.1.0 08/22/2018 J71B_MLB_B1 07/23/2018 CE**7.3**: SIM FLEX CONN 15 SOOG BOTTOM SIDE DECAPS 17 ORION 03/27/2019 J171_DEV 05/31/2019 75 WIFI/BT: MODULE N/A18 AUDIO: HP/DMIC FLEX CONNS J71B_MLB_B1 07/23/2018 77 WIFI/BT: J171B FRONT END 03/27/2019 N/A03/27/2019 03/27/2019 J71B_MLB_B1 81 POWER: ATLAS (1/3) MLB_B_5.1.0 19 AUDIO: CLIFDEN & BELFIELD J211_MLB_B 20 AUDIO: SPEAKER AMPS LEFT J71B_MLB_B1 03/27/2019 82 POWER: ATLAS (2/3) 03/27/2019 83 POWER: ATLAS (3/3) J71B_MLB_B1 03/27/2019 21 AUDIO: SPEAKER AMPS RIGHT 03/27/2019 J211_MLB_B J71B_MLB_B1 07/23/2018 D3X_YANGTZE 08/06/2019 21 SEMSOR: MESA SUPPORT 66 POWER: CHARGER J211_MLB_**B**3/27/2019 J71B_MLB_**B**17/23/2018 22 SE**2N3**SOR: MESA BOOST POWER: EXTERNAL SWITCHES 24 NAND: S4E NAND 03/27/2019 07/23/2018 J211_MLB_B J71B_MLB_B1 POWER: BATTERY CONNECTOR J71B_MLB_B1 90 SOC: DEBUG J211_MLB_B 25 SENSOR: KOBOL, PHOS2 03/27/2019 03/27/2019 26 IO: BUTTON FLEX CONN / HES J71B_MLB_B1 07/23/2018 93 TEST: TP/HOLES/FIDUCIALS J71B_MLB_B1 03/27/2019 27 CAMERA: FF AND ALS CONN J71B_MLB_B1 03/27/2019 94 TEST: EE TP/PP J71B_MLB_B1 03/27/2019 J211_MLB_B_9.2.0 03/27/2019 28 CAMERA: MIPI BRIDGE 121 POWER: ALIASES J71B_MLB_B1 03/27/2019 J71B_MLB_B1 03/27/2019 28 CAMERA: REAR CONN & FILTERS 29 TONCH: KONA J71B_MLB_**B**3B/27/2019 31 TOUCH: PBR SUPPORT J71B_MLB_B1 03/27/2019 32 TOUCH: CONNS J71B_MLB_B1 07/23/2018 35 TRISTAR J171_DEV 05/31/2019 37 IO: FLEX HOTBAR & FILTERS J71B_MLB_B1 07/23/2018 J71B_MLB_B1 38 BTN: HOME & MESA 07/23/2018 J71B_MLB_B1 07/23/2018 35 DIÆPLAY: EDP CONN 49 RADIOS: ALIASES J71B_MLB_B1 07/23/2018 50 ANTENNA DIAGRAM 10/11/2018 01/02/2018 51 BOM TABLES 52 BBPMU: CONTROL 01/02/2018 53 BBPMU: RAILS 41 BB54INTERFACE 42 BB55 DDR PWR & JTAG 43 56 BB: DIGITAL PWR 57 XCVR: TX & GNSS 58 XCVR: INTERFACE & PWR TABLE OF CONTENTS SCHEM, MLB-B, NY, J172A 6













































































































































