2 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. 3. ALL CRYSTALS & OSCILLATOR VALUES ARE IN HERTZ. 0011175308 ENGINEERING RELEASED 2018-02-05 D32/D33 Top MLB: EVT (D32 Build) LAST_MODIFICATION=Wed Jan 31 16:37:18 2018 PAGE CSA CONTENTS SYNC DATE DATE PAGE CSA CONTENTS SYNC 06/06/2017 TABLE OF CONTENTS I/O: LDCM test_mlb 10/13/2016 SYSTEM: BOM Tables test_mlb 61 I/O: Gecko test_mlb 10/17/2016 08/09/2017 SYSTEM: BOM Tables FF Specific 10/13/2016 62 I/O: USB PD test_mlb SYSTEM: Mechanical Components 10/13/2016 63 I/O: Hydra test_mlb 10/13/2016 SYSTEM: Testpoints (Top) test_mlb 10/13/2016 64 I/O: B2B Dock test_mlb 08/30/2017 10/13/2016 BOOTSTRAPPING B2B: Interposer Bot test_mlb 10 10/17/2016 SOC: JTAG, USB, XTAL test_mlb 66 SYSTEM: AP I2C 04/07/2017 11 SOC: PCIE SYSTEM: ISP I2C 12 SOC: MIPI SYSTEM: AOP/SMC I2C 13 05/09/2017 SOC: LPDP 10/13/2016 test_mlb SYSTEM: SOC/PMU GPIOs 04/05/2017 14 SOC: SERIAL SYSTEM: AOP GPIOs 05/09/2017 test_mlb Interposer: Pins 1-144 15 SOC: GPIO & UART test_mlb 04/05/2017 08/29/2017 16 SOC: AOP Interposer: Pins 145-285 08/30/2017 SOC: POWER (1/3) 08/17/2017 Interposer: Top Aliases 08/30/2017 18 SOC: POWER (2/3) Interposer: Pins 28<mark>6-359</mark> test_mlb SOC: POWER (3/3) 10/17/2016 04/17/2017 SOC: DEV BOARD ALIASES 21 SOC: LPDP ALIASES 08/17/2017 03/22/2017 26 NAND test_mlb SYSTEM POWER: PMU Bucks (1/4) 03/10/2017 test_mlb SYSTEM POWER: PMU Bucks (2/4) 06/01/2017 test_mlb 29 SYSTEM POWER: PMU LDOs (3/4) test_mlb 03/10/2017 03/10/2017 30 SYSTEM POWER: PMU (4/4) test_mlb test_mlb 10/13/2016 SYSTEM POWER: Boost 32 SYSTEM POWER: B2B Battery 10/13/2016 test_mlb SYSTEM POWER: Charger 10/13/2016 test_mlb SYSTEM POWER: B2B Cyclone + Button 10/13/2016 test_mlb 10/13/2016 36 SENSORS test_mlb CAMERA: PMU (1/2) 10/13/2016 37 test_mlb CAMERA: PMU (2/2) 03/22/2017 test_mlb 10/13/2016 CAMERA: B2B Wide (TX) test_mlb 10/13/2016 test_mlb CAMERA: B2B Tele [MT] JANGCHEN-DIGIT, COM 03/22/2017 CAMERA: Strobe Drivers test_mlb test mlb CAMERA: B2B Fcam 10/13/2016 CAMERA: B2B Strobe + Hold Button test_mlb 03/22/2017 PEARL: Power PEARL: B2B Romeo + Juliet 45 10/13/2016 test_mlb PEARL: B2B Rosaline + Sensor 10/13/2016 test_mlb 47 AUDIO: CODEC (1/2) 10/13/2016 test_mlb AUDIO: CODEC (2/2) test_mlb 10/13/2016 04/05/2017 AUDIO: SOUTH SPKAMP 50 04/05/2017 AUDIO: NORTH SPKAMP 51 ARC: AMP 04/05/2017 CG: B2B Display 10/13/2016 test_mlb 59 I/O: Overvoltage Cut-Off Circuit BOM:639-03991 (Ultimate) BOM:639-03992 (Extreme) TABLE OF CONTENTS BOM:639-03990 (Max) SCH, MLB, TOP, D32 051-02545 MCO:056-05750Apple Inc. 7.0.0 NOTICE OF PROPRIETARY PROPERTY: REFERENCE DESIGNATOR(S) CRITICAL BOM OPTION PART# QTY DESCRIPTION THE INFORMATION CONTAINED HEREIN IS THE PROPRIETARY PROPERTY OF APPLE INC. THE POSESSOR AGREES TO THE FOLLOWING: 051-02545 SCH,MLB_TOP,D32 CRITICAL 1 OF 85 I TO MAINTAIN THIS DOCUMENT IN CONFIDENCE 820-00997 PCB,MLB_TOP,D32 PCB CRITICAL II NOT TO REPRODUCE OR COPY IT III NOT TO REVEAL OR PUBLISH IT IN WHOLE OR PART 1 OF 60 IV ALL RIGHTS RESERVED 6





















































































































