



В С D =DOC\_NO\_ASSY\_DWG.Ite Α REV STATUS REV OF SHEETS THIS DOCUMENT AND THE DATA DISCLOSED HEREIN OR REVISIONS HEREWITH IS THE PROPERTY OF ALTIUM LIMITED AND MAY DESCRIPTION DATE APPROVED BE FREELY DISTRIBUTED IN WHOLE. NO RIGHTS ARE RESERVED OR EXPRESS OR IMPLIED WARANTEE GIVEN **Bill Of Materials** Bill Of Materials Line # Designator Comment Quantity Ref-X(mm) Ref-Y(mm) Line # Designator Comment Quantity Ref-X(mm) Ref-Y(mm) <u>C1</u> 10 µF 31.623 93.472 45 <u>L1</u> XFL4020-222MEC 39.243 48.387 35.433 86.741 C2 1 µF 46 L2 1.5uH 33.147 59.436 C3 10.795 5.461 0.1 µF 47 L3 1285AS-H-2R2M=P2 37.338 54.61 10000 pF 4.536 C4 14.4 Socket 16-Pin, 0.100 inch 48 MOD1L 44.45 30.16 C5 31.75 19.431 0.1µF (0.335 inch body) C6 33.782 24.892 33pF Socket 12-Pin, 0.100 inch 49 MOD1R 34.29 9.84 **C7** 33pF 33.782 26.924 (0.335 inch body) C8 33.782 22.928 50 33pF 25.4 OBJ1 9774025151R 74.75 C9 0.1µF 30.1 85.3 51 33.528 R2 85.471 10k C10 52 10 0.1 µF 36.322 46.414 R3 470R 39.116 84.582 C11 35.306 46.414 10 µF 53 R4 10k 39.116 83.058 12 C12 54.102 47µF 30.099 54 R5 1M 14,478 1.85 13 C13 32.512 54.483 4.7µF 55 R6 15k 31.75 21.844 C14 37.973 51.308 14 10 µF 56 R7 22R 31.75 25.273 15 C15 10 µF 37.973 52.324 57 R8 22R 31.75 26.67 2 16 C16 28.321 64.389 10 µF 58 R9 22R 31.75 23.876 17 C17 10 μF 29.845 64.389 59 R10 10 kOhms 31.4 84.2 18 C18 0.1 µF 34.163 67.691 60 R11 10k 30.353 4.318 19 C19 35.179 56.388 0.1 µF 61 R12 10k 31.623 4.318 20 C20 33.909 52.451 10 µF 62 R13 1.1M 35.814 64.262 21 C21 0.1 µF 33.909 51.435 63 R14 180k 35.814 66.929 22 C22 22uF 40.513 67.31 64 R16 10 MOhms 32.893 56.388 23 C23 22uF 40.513 69.342 65 R17 39.878 53.467 82 kOhms 65.278 24 C24 22uF 40.513 66 RR1 741X163101JP 14.097 47.244 25 C25 0.1 µF 40.132 71.501 67 RR2 741X163101JP 17.653 47.244 26 DS1 13.4 91.932 FSV1045V 68 SW1 CJS-1200TA 35.4 78.994 27 DS2 FSV1045V 25.4 91.932 69 35.4 SW2 PTS810SJK250SMTRLFS 84.8 28 DS3 STPS3H100U 13.335 83.312 70 SW3 PTS810 SJM 250 SMTR LFS 15.4 84.8 29 DS4 FSV1045V 37.4 91.932 71 40.513 SW4 38.608 CJS-1200TA 30 DS5 FSV1045V 38.608 60.706 72 SW5 CJS-1200TA 15.4 78.994 31 DS6 STPS3H100U 5.207 19.685 73 TVS1 SM6T6V8A 19.685 91.059 32 DS7 STPS3H100U 9.525 19.685 74 TVS2 PESD5V0L5UV,125 33.528 19.939 33 F1 SF-0603F150-2 32.766 47.625 75 <u>U1</u> TPS62748YFPT 35.179 54.864 3 34 F2 3.5A/32V 13.208 42.926 76 BQ24210DQCT U2 36.322 84.074 35 J1 S2BPHSM4TBLFSN 13.4 100 77 U3 TPS63020DSJR 33.02 64.516 36 J2 S2BPHSM4TBLFSN 37.4 100 78 U4 TXS0102DCUR 29.337 14.224 37 J3 S2BPHSM4TBLFSN 25.4 100 79 U5 MAX17225ELT+ 36.337 48.462 38 J4 10118193-0001LF 14.4 2.15 80 U6 DGQ2788AEN-T1-GE4 21.971 25.654 NanoSIM -J5 20 39 42.85 SF72S006VBAR2500 40 J6 MDT420E01001 25.4 40 41 J7 SM04B-SRSS-TB(LF)(SN) 25.4 2.557 42 2.557 J8 SM04B-SRSS-TB(LF)(SN) 36.4 43 J9 49.4 24x1 93 J10 24X1 1.4 93 PART NO: =PCB PART NUMBER APPROVALS 50 Dunham Ridge 4 =PCB ENGINEER Suite 1650 Beverly, MA 01915 =PCB\_DESIGN =PCB DESIGNER =PCB\_CHECKER =PCB\_CHECKE DESIGN ITEM: **IDESIGN ITEM REVISION** .ItemRevision .Item CARR-F =DOC\_NO\_BOM N21 EVT =DOC\_NO\_FAB\_DWG SIZE: CAGE CODE: B = CAGE CODE =DOC NO SCH DWG NEXT ASSY USED ON =PCB\_DWG\_NO n21-evt.PCBDwf APPLICATION В С D Ε Α











