Revised: Monday, June 27, 2016 Revision:

Bill Of Materials September 30,2016 16:44:45 Page1

Item Quantity Reference Part 1 2 BC1,C16 104 2 C1 2.2uF 1 3 4 C2,C10,C33,C35 1uF 4 C3,C4,C5,C6,C8 5 100nF 5 1 C7 220pF 6 1 C9 1.0pF 7 2 C11,C12 10pF 8 2 C13,C14 20pF 9 3 C15,C28,C29 1nF 10 3 C17,C18,C20 102 1 C19 103 11 12 2 C21,C22 101 13 2 C23,C25 4.7uF 14 C24,C26,C37,C39 22uF_TANTAL_A 4 15 C27,C31,C38,C40,C41,C42 0.1uF 6 C30 0.01uF 16 1 17 3 C32,C34,C36 10uF_TANTAL_A 18 2 D1,D3 FDS184 19 2 D2,D4 FDS181 20 D5 RED 1 D6 GREEN 21 1 D7 BLUE 22 1 23 1 EC1 10U/6.3V(T/T) 24 1 J1 CON5 25 1 J2 CON3 J3 26 1 SM02B-SURS-TF 27 1 L1 3.9nH 28 1 L2 2.7nH L3,L4 29 2 10uH/CDRH3D16NP-100 30 Q1 2SK30ATM,TO92 1 R1,R2,R5 31 3 2.7K 32 1 R3 DNM 33 1 R4 56KF 34 R6,R7,R12 15KF 3 35 1 R8 7.5KF 36 1 R9 33KF 37 R10 5.6KF,12KF(ATM) 1 38 1 R11 8.2KF 39 R13 100RF 1 2 R14,R15 1MF 40

R16,R18 3KF

R17 3.9KF

R19 4.7KF

41

42

43 1

2

1

- 44 1 R20 1.5KF
- 45 1 R21 51KF
- 46 1 R22 20K
- 47 2 R23,R24 220
- 48 2 R25,R26 10K,1%
- 49 2 R27,R28 1M_1%
- 50 1 R29 47K
- 51 1 R30 100
- 52 1 R31 1K
- 53 3 R32,R33,R34 200
- 54 1 SW1 SKTDLDE010
- 55 9 S1,TP2,S2,TP3,S3,TP4,S4, TP TP5,TP6
- 56 3 TP1,TP7,TP8 TP_HOLE
- 57 1 TP9 CT
- 58 1 TP10 RT
- 59 1 U1 CC2541F256
- 60 1 U2 LFB182G45BG2D280
- 61 1 U3 2450AT18A100
- 62 3 U4,U5,U9 FDS914
- 63 1 U6 INA128UA, SOP8
- 64 1 U7 LMC662AIM,SOP8
- 65 1 U8 TLV2471IDBV,SOT23-5
- 66 1 U10 SD-47642_MicroUSB
- 67 1 U11 MCP73831T-2ACI
- 68 1 U12 TPS62203DBV
- 69 1 U13 TPS3839G33DBZ
- 70 1 U14 FB
- 71 1 U15 LP2985A-30DBV
- 72 1 U16 LM828
- 73 1 U17 LM4040A25IDBZ
- 74 1 U18 MC6B223
- 75 1 U19 MS3029
- 76 1 Y1 WXT-E010_32MHZ
- 77 1 Y2 FC-135_32.768kHz