**Baseband**

Item Quantity Reference Part

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Capacitors**

1 2 C1,C16 4.7uF http://www.digikey.com/product-detail/en/CL10B475KQ8NQNC/1276-2087-1-ND/3890173

2 3 C2,C17,C29 1uF INVINTORY

3 9 C3,C9,C23,C31,C32,C33, 10uF

C34,C35,C36 http://www.digikey.com/product-detail/en/JMK107ABJ106MAHT/587-3383-1-ND/4157249

4 8 C4,C8,C11,C12,C18,C19, 1nF INVENTORY

C24,C26

5 4 C5,C14,C20,C28 10nF INVENTORY

6 10 C6,C7,C10,C13,C15,C21, .1uF

C22,C25,C27,C30 http://www.digikey.com/product-detail/en/GRM188R71C104KA01D/490-1532-1-ND/587771

**Headers**

9 1 J1 5VtivaHeader NO PIECE NEEDED

10 2 J2,J3 HEADER 10X2 http://www.digikey.com/product-detail/en/SSQ-110-02-S-D/SAM1189-10-ND/1111055

11 1 J4 BatteryInHeader INVENTORY

**Resistors**

12 4 R1,R2,R14,R15 4.7

http://www.digikey.com/product-detail/en/ERJ-3GEYJ4R7V/P4.7GCT-ND/282421

13 2 R3,R17 100

http://www.digikey.com/product-detail/en/ERJ-3GEYJ101V/P100GCT-ND/134714

14 2 R4,R20 300

http://www.digikey.com/product-detail/en/ERJ-3GEYJ301V/P300GCT-ND/134772

15 10 R5,R6,R7,R8,R18,R19,R21, 2k INVENTORY

R22

16 3 R9,R16,R23 100K INVENTORY

17 4 R10,R13,R24,R26 1K INVENTORY

18 0 R11,R12 Gain (2K) INVENTORY

19 2 R25,R28 10K INVENTORY

20 1 R27 1.6K

1 LEFT

http://www.digikey.com/product-detail/en/ERJ-3GEYJ162V/P1.6KGCT-ND/135020

21 1 R29 3K

http://www.digikey.com/product-detail/en/ERA-3AEB302V/P3.0KDBCT-ND/1466063

**Switch**

22 1 SW1 SW\_T\_SPDT

http://www.digikey.com/product-detail/en/JS102011SAQN/401-1999-1-ND/1640114

**Test Points**

23 1 TP1 AGC-I

24 1 TP2 AGC-Q

**ICs**

25 2 U1,U3 AD8367

<http://www.digikey.com/product-detail/en/AD8367ARUZ-RL7/AD8367ARUZ-RL7CT-ND/3897175>

26 1 U2 ADA4851

<http://www.digikey.com/product-detail/en/ADA4851-4YRUZ-RL7/ADA4851-4YRUZ-RL7CT-ND/3678598>

27 1 U4 MCP4921

<http://www.digikey.com/product-detail/en/MCP4921T-E%2FMS/MCP4921T-E%2FMSCT-ND/736001>

28 3 U5,U7,U8 LM1117

<http://www.digikey.com/product-detail/en/LM1117MPX-ADJ%2FNOPB/LM1117MPX-ADJ%2FNOPBCT-ND/3440100>

29 1 U6 AD5160

<http://www.digikey.com/product-detail/en/AD5160BRJZ100-RL7/AD5160BRJZ100-RL7CT-ND/1534180>

**RF**

Item Quantity Reference Part

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**Capacitors**

1 1 C1 1n INVENTORY

2 3 C2,C4,C6 1u INVENTORY

3 2 C3,C5 470u REPLACED WITH 22uF

http://www.digikey.com/product-detail/en/CL10A226MQ8NRNC/1276-1193-1-ND/3889279

4 2 E1,E2 ANTENNA

5 2 J1,J2 HEADER 10X2 ABOVE

**Resistors**

6 2 R1,R5 100 ABOVE

7 6 R2,R3,R4,R6,R7,R8 50

http://www.digikey.com/product-detail/en/FC0603E50R0BTBST1/FC0603-50BFCT-ND/1769793

8 1 TP1 ANAtest

9 1 TP2 23KHzOutTest

10 1 TP3 TEST PIN1

11 1 TP4 TEST PIN2

12 1 TP5 Fine Tune

13 1 U1 BGT24MTR11