



NOTES

R1 & R2 values should be optimized w/ scope. Lower values will usually give cleaner I2C signals

C3 & C4 selected for proper load capacitance of the 32.768 khz xtal. 6-12 pF is common.

CM1213 keeps static discharge out of the radio.

Bypass caps not critical except C5.

C14 value is for optimum sw response. A smaller value will help the FM band.

AM input can have several diffent designs. Check Silicon Labs app note AN383 for details.

Rev C altered values around audio amp for better sound (3/31/2020)

Co:

Title: **Si4735/ Mini Pro radio**

Board: **Si4735-D60-GU**

Revision: **C**

Author: **Jim Reagan**

Size: **A**

Date: **March 18,2020**

Sheet **1** of **1**