



TSV912 is a Rail-to-Rail OpAmp so it will work for the output range of 0–5V via a 5VDC Power Supply. However, as an extra precaution, we could step up 5VDC by a Boost Converter so we don't run into an issue where 'Output clips well before 5V'. A buffer is added at the end to lower the Output resistance

Sheet: /
File: Piaggio.sch

Title: Non-inverting amplifier (Gain of 2.5) with Low-pass Filter

Size: A4 Date: March 5th, 2017

KiCad E.D.A. kicad 4.0.5

Rev: 1

Id: 1/1