

HANDHELD FUNCTION GENERATOR

Prepared by: Martin Ng Chee Hou

ABSTRACT

Handheld Function Generator is a pocket-sized instrument, with three switched ranges covering 50 Hz to 20 kHz with a few more features than those normally found on the simple 'probe' type designs. The 3 switched ranges are 45 Hz to 400 Hz, 350 Hz to 4 kHz and 3.5 kHz to 20 kHz respectively. Handheld Function Generator provides a reasonable quality since, triangle and square wave output with continuous coverage over the audio range.

In the last part of the report, there is conclusion which contains the comments and recommendations, so that can give the reader know how I can successfully conduct the project on time.