PORTABLE OSCILLOSCOPE

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Abstract

It was aimed to enable the oscilloscope to determine the waveform, frequency and amplitude of the wave at the same time thanks to the wave displayed on its own small oled screen. Thus, the oscilloscope can be used whenever it is needed, free from the burden of carrying a large device.



Conclusion

Portability was a priority for this oscilloscope and that is why it was designed in small dimensions. It does not show the characteristics of the highest frequency waveform to be measured, but it can measure frequency, up to about 25 kHz.

References

1)Ishtiak Ahmed Karim (2014), A low cost portable ocilloscope based on Arduino and GLCD,



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