

ABSTRACT

In this globalization era, mobile phone users is increasing. The mobile phone users come from all walks of life. This is because mobile phones can support communication among users. Various technologies offered by communications companies even more diverse, ranging from features that are more attractive to technology such as GSM and CDMA. But keep in mind, the use of mobile phones is strictly prohibited in certain places. As in the mosque, classrooms, study rooms, and meeting rooms. Because voice calls on mobile phones can interfere with the activity being lasts at such places.

In that study, appeared an idea to design a tool that can interfere with the signal from the mobile phone. This tool is called the jammer or scrambler. This tool serves to disrupt or block signals or electromagnetic waves that exist on the cell phone. In this final project only be made IF blocks comprising Stage Noise generator, Tringular wave oscillator, Summer and clamper circuit

Results at the end of this project is jammer can work and distance from the test results obtained so far 400cm maximum range while the Jammer for CDMA GSM obtained maximum distance of 100cm range.

Keywords: Jammer, Noise generators, Tringular wave oscillator, Summer circuit.