

Electronic circuits (A)

Close Project, 3 Com., 19 Nov. 2014

Aim:

Make use of learned concepts to understand the function and operation of some electronic circuits used in many applications and devices.

- Select a mini project (electronic circuit) related to :
 - bjt small signal amplifiers
 - power amplifiers
 - tuned amplifiers
 - oscillators
 - mixers and modulators
- State the main objective of the circuit/project
- Divide it into main blocks
- Describe the function and operation of each block using power point presentation
- Extra! Simulation of the project (not mandatory)

Teams:

Each team should consist of 3 members as maximum and 2 members as minimum.

Delivery time:

Tuesday & Wednesday, 23 & 24 December 2014.

Links of sample projects:

<http://www.qariya.info/electronics/projpage.htm>

<http://www.electronics-lab.com/projects/>

<http://www.hobbyprojects.com/tutorial.html>

<http://www.electronicshub.org/electronics-projects-ideas/>

<http://www.circuitstoday.com/electronics-mini-projects>

<http://www.circuitstoday.com/simple-electronics-projects-and-circuits>