Assignment 8

Task 1: Design a circuit for the given block diagram. Use common integrated circuits.

Task 2: Analyze the circuit and determine its transfer function.

Task 3: Calculate the output voltage for a given input voltage.

Task 4: Discuss the advantages and disadvantages of the circuit design.

Diagram: Circuit diagram of the block diagram provided in the assignment.

Instructions: Follow the guidelines for circuit design and analysis as provided in the course syllabus.