

# Octave Keyboard

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# 1 Introduction and Problem Statement

## 2 Design Solution

### 2.1 Specifications

The Constructor

getAllowableCombinations()

main()

### 2.2 Operating Instructions

### 2.3 Theory of Operation

### 2.4 Construction and Debugging

```
process
begin
    CLK <= '1'; wait for 10 NS;
    CLK <= '0'; wait for 10 NS;
end process;
```

### 3 Evaluation of Design

## 4 Conclusions and Recommendations

## 5 Acknowledgments

## 6 References

## 7 Appendices