
Square of a BCD digit

X77297_en

Design a circuit that produces the square of a BCD digit. The output should be in the binary representation.

Specification

```
module square_bcd(bcd, square);  
    input [3:0] bcd;  
    output [6:0] square;
```

Input

- *bcd* is the input BCD digit.

Output

- *square* is the output representing the square of the input digit in binary code.

Problem information

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Generation: 2026-02-03T12:19:21.752Z

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