
4-bit incrementer

X58456_en

Design a circuit that receives a 4-bit number and produces the same number increased by one unit (mod 16).

Specification

```
module incr4(in, out);  
    input [3:0] in;  
    output [3:0] out;
```

Input

- *in* represents the 4-bit input number.

Output

- *out* represents the 4-bit output number.

Problem information

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