
Incrementer

X52749_en

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

The top module must be called *incr*.

```
module template(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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