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## Even number

X36253\_en

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Design a circuit that receives a 4-bit number as input and produces an output that is asserted when the input number is even.

### Specification

```
module even4(number, even);  
    input [3:0] number;  
    output even;
```

### Input

- *number* is the 4-bit input number.

### Output

- *even* indicates when the input number is even.

### Problem information

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Generation: 2026-02-03T12:15:09.029Z

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