



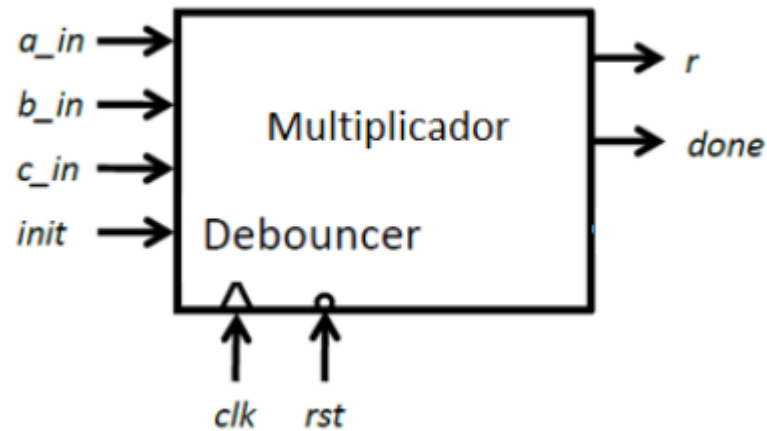
Laboratorio TOC.

Práctica 4.

Extra

Multiplicador de 3 números de 4 bits.

Multiplicador de tres números





Pseudo-código

```
a    = a_in;
b    = b_in;
c    = c_in;
i    = 2;

while( i != 0 ){
    n    = 4;
    acc = 0;
    while( n > 0 ){
        if( b(0) == 1 )
            acc = acc + a;
        a << 1;
        b >> 1;
        n --;
    }
    a = acc;
    b = c;
    i --;
}
```



Diagrama ASM

