



LB5



**5 LOGIC BLOCKS
W/ COMPLEMENTARY
OUTPUTS**

When using logic modules, why would you have to limit yourself and select a single function as your output?

LB5 gives you simultaneous access to 5 logic functions.

The A & B signals go to single inverters, as well as 2-inputs AND, OR, XOR gates for which complementary outputs are also available.

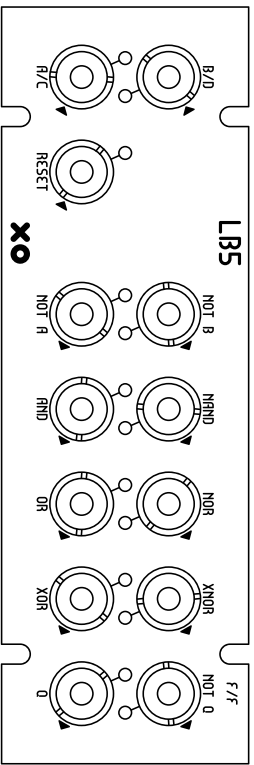
The A & B signals also serve as Clock and Data inputs to a Flip-Flop, which is the only block to make use of the Reset input.

There are numerous ways to use LB5 in your system, whether to manipulate gates, oscillators, or literally turn pretty much anything into squares and streams.

You'll find some examples in the cheat sheets included.

Combining multiple units will allow you to make even more complex functions.

A/B	NOT	A	B	AND	A	B	OR	A	B	XOR	C	D	R	Q
0	1	0	0	0	0	0	0	0	0	0	▲	0	0	0
1	0	0	1	0	0	1	1	0	1	1	▲	1	0	1
		1	0	0	1	0	1	1	0	0	X	X	1	0



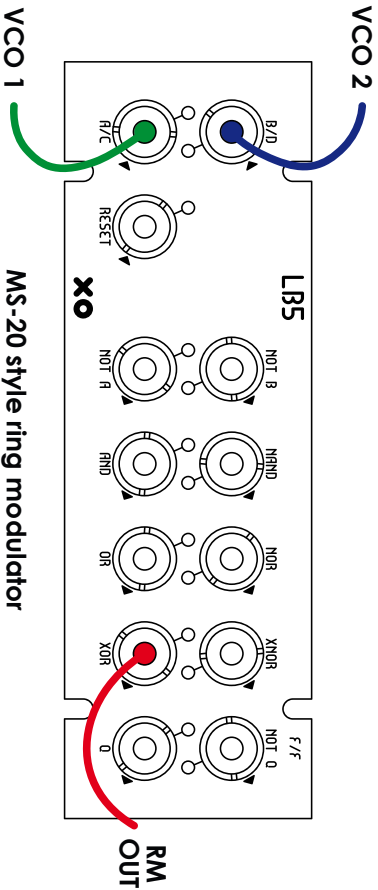
MAIN SPECS

FORMAT	1U
WIDTH	24HP
DEPTH	30mm
MAX POWER	+12V 50mA -12V 0mA

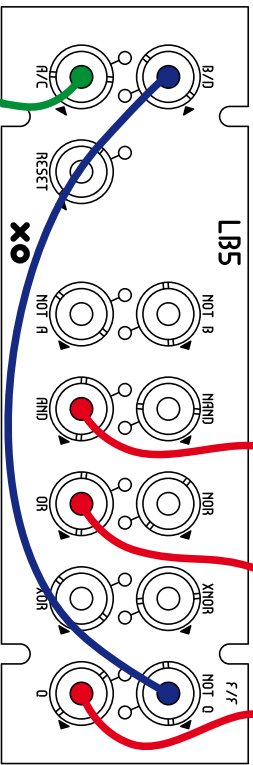
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MADE IN FRANCE



IN
(f)



LBS5

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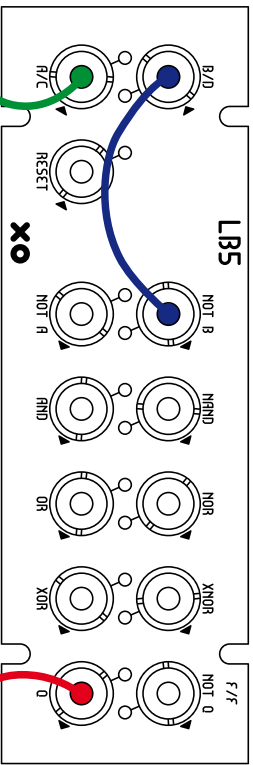
Frequency divider

OUT
 $f/2$
 $PW^{1/4}$

OUT
 $f/2$
 $PW^{3/4}$

OUT
 $f/2$
 $PW^{1/2}$

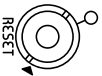
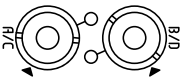
Trigger
/ VCO
IN



Triggered randomizer
/ tunable digital noise

Random
/ Noise
OUT

LB5



XO

