# NLC TRIAD
# dual AR envelope (original is triple)
# https://www.nonlinearcircuits.com/modules/p/triad

This module was developed for the cellFproject where we needed an EG that would work off a trigger. It will, of course, work with gates as well; once the attack stage is over the envelope will stay high until the gate finishes and then it begins the release stage. A trigger or gate on input #1 will trigger all three envelopes; this function is disabled if you patch a signal into the other inputs.

Using 22µF capacitors, you can get envelopes lasting approx. 25 seconds. Use larger caps if you want longer envelopes.

with both pots 100K the attack will be much larger, than the release. 50K for the release and 100K for the attack yields more comparable ranges.

BACK

FRONT

ATTACK

50K

50K

RELEASE

100K

100K

IN

OUT

1K     1K

4K7    4K7

first in normalled
to subsequent ins

BC547

trig in

10k

D

100k

U+

10k

U+

100n

5  CV      OUT  3

4  RST  DISCHG  7

2  TRIC

6  THR

8  U+

GND

1

U+

100n

GND

GND

LM555C

D

100k
dec

att
100k

better: 50K

10u-47u
22uF

GND

high Von
(blue, green, superbright)

LED

1k

4k7

env out

GND

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