

ENVELOPE

output

trig

A

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output

trig

A

D

S

R

output

trig

A

D

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R

ENVELOPE

output

trig

A

D

S

R

output

trig

A

D

S

R

output

trig

A

D

S

R

MIXER

1

out

2

3

1

M

2

3

1

out

2

3

1

M

2

3

1

out

2

3

1

M

2

3

LFO

square

triangle

rate

square

triangle

rate

square

triangle

rate

VCA

output

in

cv

gain

level

output

in

cv

gain

level

output

in

cv

gain

level

VCA

output

in

cv

gain

level

output

in

cv

gain

level

output

in

cv

gain

level

NOISE

white

saw

level

rate

white

saw

level

rate

white

saw

level

rate

S&H

random

in

clock

level

rate

random

in

clock

level

rate

random

in

clock

level

rate

SQUARE

output

cv

key

level

tune

output

cv

key

level

tune

output

cv

key

level

tune

SAW

output

cv

key

level

tune

output

cv

key

level

tune

output

cv

key

level

tune

SINE

output

cv

key

level

tune

output

cv

key

level

tune

output

cv

key

level

tune

LP FILTER

output

input

resonance

frequency

level

output

input

resonance

frequency

level

output

input

resonance

frequency

level