

A03 - NOISE PATTERN GENERATOR			Atonal Circuits - JAN 2021
<b>JACKS</b>			
LABEL	TYPE	RANGE	WHAT
OCT	CV input	0 - 5V	when plugged, will modulate OCT slider (0v: lowest octave, 5v: off)
TIME A	CV input	0 - 5V	when plugged, will modulate « TIME A » potentiometer
RING	audio input	?	input for an external oscillator that will feed the built-in ring mod
TRIG	trigger input	0 - 5V	fire the built-in envelope generator
TIME B	trigger input	0 - 5V	switch to alternative « Time B » set by potentiometer
CHAOS1	trigger input	0 - 5V	more chaos
CHAOS2	trigger input	0 - 5V	(briefly, pulse is shortened) more chaos
RESET	trigger input	0 - 5V	will empty delay memory
VCA OUT	audio output	-5v to +5v (10V pp)	VCA output
OUT	audio output	-5v to +5v (10V pp)	main output
<b>BUTTONS</b>			
LABEL	TYPE	ACTION	WHAT
RING ON	push	toggle ON/OFF	turn ON/OFF ring modulation
TRIG	push	momentary ON	fire the built-in envelope generator
TIME B	push	momentary ON	switch to alternative « Time B » set by potentiometer
CHAOS1	push	momentary ON	add chaos
CHAOS2	push	momentary ON	add chaos
RESET	push	momentary ON	will empty delay memory
<b>KNOBS</b>			
LABEL	TYPE		WHAT
RING COARSE	rotary pot		adjust frequency of the built-in square wave osc
RING FINE	rotary pot		fine adjust frequency
OCTAVE	slider		frequency divider
TIME A	rotary pot		time delay (bypassed by corresponding jack input)
TIME B	rotary pot		alternative time delay
ATTACK	rotary pot		adjust attack time for EG feeding VCA
RELEASE	rotary pot		adjust release time for EG feeding VCA
<b>LED</b>			
RING			ring modulation ON/OFF
SYNC			sync mode ON/OFF
OCTAVE			the led goes out briefly at each octave