

NOISE GENERATOR

WHITE
PINK

FREQUENCY

COARSE FINE
2 KHz / 20 Hz
200 / 2 Hz
20 / .2 Hz

AUDIO KYBD ON
L.F. KYBD OFF

VOLTAGE CONTROLLED OSCILLATOR 1

PORTAMENTO MAX
MIN
TRANSPOSE 2 OCTAVES UP
2 OCTAVES DOWN

PULSEWIDTH

WIDTH MOD
MIN 50

FM

LFO S/H
LFO ADSR

FREQUENCY

COARSE FINE
2 KHz
200 Hz
20 Hz

SYNC OFF
ON

VOLTAGE CONTROLLED OSCILLATOR 2

PULSEWIDTH
WIDTH MOD
MIN 50

FM

LFO S/H
SH MIXER OR PEDAL ADSR

LOW FREQUENCY OSCILLATOR

LFO FREQ
20 Hz
2 Hz
.2 Hz

S/H MIXER

SAMPLE/HOLD

OUTPUT LAG
MAX
MIN

VCO-1 NOISE GEN
VCO-1 VCO-2
KEYB TRIG

VCF FREQ

16 KHz
16 Hz

VCF RESONANCE

SELF OSC
MIN

HPF CUTOFF FREQ

16 KHz
16 Hz

VCA GAIN

AUDIO MIXER

VOLTAGE CONTROLLED FILTER

HIGH PASS FILTER

VOLTAGE CONTROLLED AMPLIFIER

NOISE VCO-1 VCO-2
RING MOD VCO-1 VCO-2

KYBD CV SH MIXER OR PEDAL
S/H LFO

ADSR AR

OUTPUT

AR ENVELOPE GENERATOR

ATTACK RELEASE

ADSR ENVELOPE GENERATOR

ATTACK DECAY SUSTAIN RELEASE

ADSR

KYBD GATE KYBD REPEAT
LFO REPEAT AUTO REPEAT

AR

KYBD GATE REPEAT

PORTAMENTO MAX
MIN

TRANSPOSE 2 OCTAVES UP
2 OCTAVES DOWN

FLAT SHARP

PITCH BEND