Roland JX-08 Analog Synthesizer Signal Block Diagram

PART A/B

[PART]
A
B

[Module]
A
B
C
D
E
F

Module x6

Portamento

DCO1
TUNE
+ ENV

Cross mod

DCO2
TUNE TUNE FINE
ENV +

MIX
DCO1
DCO2 +
ENV

VCF
HPF LPF
+
ENV LFO

VCA
VCA-MODE SW
Gate ENV2

Stereo Chorus

Reverb

LINE / HP out

Keyboard / MIDI Note in

Arpeggiator /Sequencer

LFO
Rate
Delay

ENV1
ADSR

ENV2
ADSR

DCO-MODE SW
ENV1 ENV2

MIX-MODE SW
ENV1 ENV2

VCF-MODE SW
ENV1 ENV2

Legend

→ Audio path
→ Control path