

DCO - Digitally Controlled Oscillator

PULSE WAVEFORM DIN PIN10 BTN OFF LED:DOUT:0 WAVE 1 LED:DOUT:1 WAVE 2 LED:DOUT:2 WAVE 3 LED:DOUT:3	SAW WAVEFORM DIN PIN11 BTN OFF LED:DOUT:4 WAVE 1 LED:DOUT:5 WAVE 2 LED:DOUT:6 WAVE 3 LED:DOUT:7 WAVE 4 LED:DOUT:8 WAVE 5 LED:DOUT:9	PULSE WITH WAVE 3 AIN PIN 6 POT PWM RATE WAVE 3 AIN PIN 7 POT	SUB OSCILLATOR DIN PIN12 BTN WAVE FORM SUB WAVE 0 LED:DOUT:10 SUB WAVE 1 LED:DOUT:11 SUB WAVE 2 LED:DOUT:12 SUB WAVE 3 LED:DOUT:13 SUB WAVE 4 LED:DOUT:14 SUB WAVE 5 LED:DOUT:15 DIN PIN13 BTN LEVEL SUB OSC. OFF LEVEL 0 LED:DOUT:16 SUB OSC. LEVEL 1 LED:DOUT:17 SUB OSC. LEVEL 2 LED:DOUT:18 SUB OSC. LEVEL 3 LED:DOUT:19		NOISE DIN PIN14 BTN LEVEL NOISE OFF LED:DOUT:20 NOISE LEVEL 1 LED:DOUT:21 NOISE LEVEL 2 LED:DOUT:22 NOISE LEVEL 3 LED:DOUT:23	DCO PITCH DIN PIN15 BTN RANGE 4' LED:DOUT:24 8' LED:DOUT:25 16' LED:DOUT:26 32' LED:DOUT:27	DCO ENV PITCH MODULATION MODE DIN PIN16 BTN DCO PITCH ENV NORMAL LED:DOUT:28 ENV INVERT LED:DOUT:29 NORM. WITH DYN. LED:DOUT:30 INV. WITH DYN. LED:DOUT:31	LFO PITCH MODULATION DEPTH AIN PIN 9 POT MODULATION BENDER PITCH RANGE AIN PIN 10 POT AFTERTOUCH SENSITIVITY AIN PIN 11 POT	PORTAMENTO DIN PIN 17 BTN PORTA ON LED:DOUT:32 PORTA TIME AIN PIN 12 POT VOLUME AIN PIN 13 POT
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VCF - Voltage Controlled Filter

VCF CUTOFF CUTOFF FREQ. 8Hz to 33kHz -24dB/oct AIN PIN 0 POT	VCF - ENV MODULATION (MODE) DIN PIN18 BTN NORMAL LED:DOUT:37 INVERT LED:DOUT:38 NORM. + DYN. LED:DOUT:39 DYNAMICS LED:DOUT:40	VCF - LFO DEPTH AIN PIN 3 POT MODULATION
VCF RESONANCE AIN PIN 1 POT	ENV - VCF MODULATION DEPTH AIN PIN 2 POT	VCF KEYB. FOLLOWER AIN PIN 4 POT AFTERTOUCH AIN PIN 5 POT

HPF

HIGH PASS FILTER DIN PIN19 BTN LOW FRQ. EMPHASIZED LED:DOUT:33 HPF FILTER OFF LED:DOUT:34 HPF CUTOFF LOW. FREQ. LED:DOUT:35 HPF CUTOFF HIGH. FREQ. LED:DOUT:36

LFO CHORUS

LFO RATE 0.03 - 60Hz AIN PIN 24 POT LOW FREQUENCY OSCILLATOR	CHORUS DIN PIN 21 BTN ON LED:DOUT:41 CHORUS RATE AIN PIN 26 POT
LFO DELAY DELAY TIME 0 - 30s AIN PIN 25 POT LOW FREQUENCY OSCILLATOR	MIDI IN LED:MBHP:1 LTC: MIDI OUT LED:MBHP:2 LTC:

ENV - Envelope

ENV L1 ATTACK LEVEL AIN PIN 16 POT	ENV L2 BREAK LEVEL AIN PIN 17 POT	ENV L3 SUSTAIN LEVEL AIN PIN 18 POT	KEYBOARD FOLLOWER AIN PIN 19 POT
ENV T1 ATTACK TIME AIN PIN 20 POT	ENV T2 BREAK TIME AIN PIN 21 POT	ENV T3 DECAY TIME AIN PIN 22 POT	ENV T4 RELEASE TIME AIN PIN 23 POT

VCA

VCA MODE DIN PIN 20 BTN VCA ENV MODE LED:DOUT:42 VCA GATE MODE LED:DOUT:43 VCA MODE ENV + DYNAMICS LED:DOUT:44 VCA MODE GATE + DYNAMICS LED:DOUT:45	VCA LEVEL AIN PIN 14 POT VCA AFTERTOUCH AIN PIN 15 POT
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SOUND BANK

NOTE LED:DOUT:46	CC LED:DOUT:47	SYSEX LED:DOUT:48	NOTE LED:DOUT:49	CC LED:DOUT:50	SYSEX LED:DOUT:51
SOUND BANK 0-127 JU 64 x MEMORY JU 64 x PRESET					
TRANSMIT Bulk Dump MIDI.. DIN PIN 9 BTN					

JU CONTROL

ALPHA JUNO CONTROL PANEL

2x 20 LCD

ESC DIN PIN 7 BTN	SELECT DIN PIN 6 BTN	MENU DIN PIN 0+1 ENC
EXEC DIN PIN 8 BTN		VALUE DIN PIN 2+3 ENC
F1 DIN PIN 22 BTN	F2 DIN PIN 23 BTN	F3 DIN PIN 24 BTN
F4 DIN PIN 25 BTN	F5 DIN PIN 26 BTN	