

Korg PS 3200
Board Contacts
from front view

PS 3200

Pin	KLM 64 SG	KLM 64 SG	KLM 64 SG	KLM 64 SG	KLM 69 Gate	KLM 69 Gate	KLM 69 Gate	KLM 69 Gate	KLM 147 Freq.&Wave Control	KLM 148 Filter & Rel. Control	KLM 149 EQ AM BMix	KLM 146 MG1, S/H, MB MVCA	KLM 150 Ctrl 3 MG2 AA, EBC	KLM 76 PHONE AMP VCA, GEG VP	
44	F (pitch)	B (pitch)	F (pitch)	B (pitch)	L Out	L Out	L Out	L Out	IG1 Temp. Bu	?	P1 #18	?	SG2 16'	?	
43	F# (pitch)	C (pitch)	F# (pitch)	C (pitch)	U Out	U Out	U Out	U Out	REV 1	Ext Cutoff Freq	P0 #18	?	SG2 8'	?	
42	G (pitch)	C# (pitch)	G (pitch)	C# (pitch)	FC U	FC U	FC U	FC U	GND 3	MG1	VS #18	GND 3	SG2 4'	?	
41	G# (pitch)	D (pitch)	G# (pitch)	D (pitch)	FC L	FC L	FC L	FC L	MG1	FC L	P1 #19	MG1 Out	SG1 16'	?	
40	A (pitch)	D# (pitch)	A (pitch)	D# (pitch)	Decay	Decay	Decay	Decay	G2 Temp. Bu	FC U	P0 #19	MG1 Ext Freq	SG1 8'	GND2	
39	A# (pitch)	E (pitch)	A# (pitch)	E (pitch)	Ext.Attack	Ext.Attack	Ext.Attack	Ext.Attack	SG2 Ext Mod	P1 #11	VS #19	?	SG1 4'	?	
38	4'	4'	4'	4'	Attack	Attack	Attack	Attack	MG 1 Check	P0 #11	P1 #20	?	GND 3	?	
37	8'	8'	8'	8'	Expand	Expand	Expand	Expand	Tot Ext Mod	VS #11	P0 #20	?	P1 #02	?	
36	16'	16'	16'	16'	Sustain	Sustain	Sustain	Sustain	Tot Freq	VS #13	VS #20	?	SG1 Scale Ou	?	
35					Hold	Hold	Hold	Hold	P1 #05	P1 #13	P1 #21	?	P0 #02	?	
34	A#1 (Gate)	B1 (Gate)	A#1 (Gate)	B1 (Gate)	E1 (sig)	E2 (sig)	E3 (sig)	E4 (sig)	P0 #08	P0 #13	P0 #21	?	VS #02	?	
33	A#2 (Gate)	B2 (Gate)	A#2 (Gate)	B2 (Gate)	D#1 (sig)	D#2 (sig)	D#3 (sig)	D#4 (sig)	?	P1 #09	VS #21	P1 #28	CVS #04	?	
32	A#3 (Gate)	B3 (Gate)	A#3 (Gate)	B3 (Gate)	D1 (sig)	D2 (sig)	D3 (sig)	D4 (sig)	VS #08	P0 #09	P1 #22	P0 #28	P1#04	?	
31	A#4 (Gate)	B4 (Gate)	A#4 (Gate)	B4 (Gate)	C#1 (sig)	C#2 (sig)	C#3 (sig)	C#4 (sig)	P1 #08	VS #09	P1 #22	VS #28	SG2 Scale Ou	?	
30	A1 (Gate)	C1 (Gate)	A1 (Gate)	C1 (Gate)	C1 (sig)	C2 (sig)	C3 (sig)	C4 (sig)	P0 #05	VS #12	VS #22	VS #27	P0 #04	?	
29	A2 (Gate)	C2 (Gate)	A2 (Gate)	C2 (Gate)	B1 (sig)	B2 (sig)	B3 (sig)	B4 (sig)	VS #05	P1 #12	P1 #23	P1 #27	?	?	
28	A3 (Gate)	C3 (Gate)	A3 (Gate)	C3 (Gate)	A#1 (sig)	A#2 (sig)	A#3 (sig)	A#4 (sig)	REV 2	Expand Cont	P0 #23	P0 #27	?	LMB 2	
27	A4 (Gate)	C4 (Gate)	A4 (Gate)	C4 (Gate)	A1 (sig)	A2 (sig)	A3 (sig)	A4 (sig)	MG 3 Out	P1 #12	VS #23	P1 #29	EC IN 2	LMA 2	
26	G#1 (Gate)	C#1 (Gate)	G#1 (Gate)	C#1 (Gate)	G#1 (sig)	G#2 (sig)	G#3 (sig)	G#4 (sig)	P1 #07	P0 #10	P1 #24	P0 #29	Proc 2 out	?	
25	G#2 (Gate)	C#2 (Gate)	G#2 (Gate)	C#2 (Gate)	G1 (sig)	G2 (sig)	G3 (sig)	G4 (sig)	P0 #06	PEAK Cont	VS #24	VS #29	EC IN 1	Proc 1 Out	
24	G#3 (Gate)	C#3 (Gate)	G#3 (Gate)	C#3 (Gate)	F#1 (sig)	F#2 (sig)	F#3 (sig)	F#4 (sig)	?	P0 #10	VS #24	?	GND	LMB 1	
23	G#4 (Gate)	C#4 (Gate)	G#4 (Gate)	C#4 (Gate)	F1 (sig)	F2 (sig)	F3 (sig)	F4 (sig)	P/C (?)	P/C (?)	P/C (?)	P/C (?)	?	LMA 1	
22	G1 (Gate)	D1 (Gate)	G1 (Gate)	D1 (Gate)	E1 (keyb)	E2 (keyb)	E3 (keyb)	E4 (keyb)	VS #06	VS #10	EQ out	VS #30	GND 2	LM 1	
21	G2 (Gate)	D2 (Gate)	G2 (Gate)	D2 (Gate)	D#1 (keyb)	D#2 (keyb)	D#3 (keyb)	D#4 (keyb)	P1 #06	VS #16	Direct Out	P1 #30	EC Out	LM 2	
20	G3 (Gate)	D3 (Gate)	G3 (Gate)	D3 (Gate)	D1 (keyb)	D2 (keyb)	D3 (keyb)	D4 (keyb)	P0 #07	P1 #16	AM Check	P0 #30	P1 #31	VP 2 In	
19	G4 (Gate)	D4 (Gate)	G4 (Gate)	D4 (Gate)	C#1 (keyb)	C#2 (keyb)	C#3 (keyb)	C#4 (keyb)	VS #07	Sustain Cont	Mix Out	GND 2	P0 #31	VP 1 In	
18	F#1 (Gate)	D#1 (Gate)	F#1 (Gate)	D#1 (Gate)	C1 (keyb)	C2 (keyb)	C3 (keyb)	C4 (keyb)	SG1 PWM	P0 #16	GND 3	?	VS #31	GEG Attack	
17	F#2 (Gate)	D#2 (Gate)	F#2 (Gate)	D#2 (Gate)	B1 (keyb)	B2 (keyb)	B3 (keyb)	B4 (keyb)	SG 1 WFR	Rel GND On	MG 1 (?)	SH Ind	VS #32	GEG Out 0V	
16	F#3 (Gate)	D#3 (Gate)	F#3 (Gate)	D#3 (Gate)	A#1 (keyb)	A#2 (keyb)	A#3 (keyb)	A#4 (keyb)	SG 1 WFD	Rel Control	GND 2	S/H Trig Out	P1 #32	GEG Out +5V	
15	F#4 (Gate)	D#4 (Gate)	F#4 (Gate)	D#4 (Gate)	A1 (keyb)	A2 (keyb)	A3 (keyb)	A4 (keyb)	?	VS #17	AM Sig Out	?	P0 #32	GEG Auto Ou	
14	F1 (Gate)	E1 (Gate)	F1 (Gate)	E1 (Gate)	G#1 (keyb)	G#2 (keyb)	G#3 (keyb)	G#4 (keyb)	P1 #03	P1 #17	GND 2	MG1 Ind	ADD IN 1	GEG Out -5V	
13	F2 (Gate)	E2 (Gate)	F2 (Gate)	E2 (Gate)	G1 (keyb)	G2 (keyb)	G3 (keyb)	G4 (keyb)	P0 #01	P0 #17	GND 2	?	ADD IN 2	GEG Release	
12	F3 (Gate)	E3 (Gate)	F3 (Gate)	E3 (Gate)	F#1 (keyb)	F#2 (keyb)	F#3 (keyb)	F#4 (keyb)	VS #01	P1 #15	Bmix Lo In	?	INV Out	GEG Auto In	
11	F4 (Gate)	E4 (Gate)	F4 (Gate)	E4 (Gate)	F1 (keyb)	F2 (keyb)	F3 (keyb)	F4 (keyb)	P1 #01	Decay Cont	GND	GND	ADD OUT	GEG Trig In	
10					nc / G2 (?)	nc / G2 (?)	nc / G2 (?)	nc / G2 (?)	P0 #03	P0 #15	BMix Up In	?	PV Out	GEG Delay	
9					(?)	(?)	(?)	(?)	VS #03	VS #15	P1 #11 (?)	SH IN	MVCA Out	Sync Ind	
8					Key Trig	Key Trig	Key Trig	Key Trig	VS #14	VS #14	P0 #11 (?)	S/H Trig In	MVCA IN	Sync In	
7	WFR	WFR	WFR	WFR	+10V	+10V	+10V	+10V	SG 2 WFR	P1 #14	VS #11 (?)	SH Out	MVCA Ctrl	S/H FC In	
6	WFD	WFD	WFD	WFD	Release	Release	Release	Release	SG 2 WFD	Attack Cont	P1 #25	Sync OUT	MG2 FC	S/H In	
5					Peak	Peak	Peak	Peak	?	P0 #14	P0 #25	?	MG2 Out	S/H Out	
4					GND3	GND3	GND3	GND3	?	FC BIAS	VS #25	?	MG2 Ind	Sync Out	
3	-15V	-15V	-15V	-15V	-15V	-15V	-15V	-15V	-15V	-15V	-15V	-15V	-15V	-15V	-15V
2	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND	GND
1	+15V	+15V	+15V	+15V	+15V	+15V	+15V	+15V	+15V	+15V	+15V	+15V	+15V	+15V	+15V

GND2 nicht lesbar

AM MOD nicht lesbar

Programmer			Power	Programmer Selector
KLM 151 A/D DIS DIS	KLM 152 RAM AC CG PC	KLM 153 Hold DOS D/A	KLM 65	KLM 154
44	IA 5	44 IA 5	44 ?	44 ?
43	IA 4	43 IA 4	43 ?	43 ?
42	IA 3	42 IA 3	42 ?	42 ?
41	IA 2	41 IA 2	41 ?	41 ?
40	IA 1	40 IA 1	40 ?	40 ?
39	?	39 ?	39 ?	39 ?
38	PI #32	38 ?	38 ?	38 ?
37	PI #31	37 ?	37 ?	37 ?
36	PI #30	36 ?	36 ?	36 PB 16
35	PI #29	35 ?	35 ?	35 PB 15
34	PI #28	34 ?	34 ?	34 PB 14
33	PI #27	33 ?	33 ?	33 PB 13
32	PI #26	32 ?	32 ?	32 PB 12
31	PI #25	31 ?	31 ?	31 PB 11
30	PI #24	30 ?	30 ?	30 PB 10
29	PI #23	29 ?	29 ?	29 PB 09
28	PI #22	28 AD Start	28 ?	28 PB 08
27	PI #21	27 Hold	27 ?	27 PB 07
26	PI #20	26 Data Latch	26 ?	26 PB 06
25	PI #19	25 ?	25 ?	25 PB 05
24	PI #18	24 ?	24 ?	24 PB 04
23	PI #17	23 ?	23 ?	23 PB 03
22	PI #16	22 ?	22 ?	22 PB 02
21	PI #15	21 ?	21 ?	21 PB 01
20	PI #14	20 ?	20 ?	20 ?
19	PI #13	19 ?	19 ?	19 ?
18	PI #12	18 ?	18 ?	18 ?
17	PI #11	17 ?	17 ?	17 ?
16	PI #10	16 ?	16 ?	16 ?
15	PI #09	15 ?	15 ?	15 GNC
14	PI #08	14 ?	14 ?	14 +15V
13	PI #07	13 ?	13 ?	13 ?
12	PI #06	12 ?	12 ?	12 WIRTE
11	PI #05	11 PS 2	11 TRAF0 4	11 PA 4
10	PI #04	10 WRITE	10 TRAF0 3	10 PA 3
9	PI #03	9 CANCEL	9 P0 #03	9 TRAF0 2
8	PI #02	8 RS 1	8 P0 #02	8 TRAF0 1
7	PI #01	7 ?	7 P0 #01	7 VD +15V
6	PI #00	6 ?	6 DATA Latch	6 +5V (?)
5	?	5 ?	5 A OUT CHC	5 +10V
4	?	4 ?	4 ?	4 GND
3	?	3 -15V	3 -15V	3 P/C
2	?	2 GND	2 GND	2 ?
1	?	1 +15V	1 +15V	1 ?

Abbreviations

A/D	Analog Digital Converter
AA	Adding Amp
AC	Address Counter
AM	Amplitude Modulator
BMix	Filter Balance Mixer
CG	Clock Generator
D/A	Digital Analog Converter
DIS	Data Input Scanner
DOS	Data Output Scanner
EBC	Ensemble Balance Control
EQ	Equalizer
GEN	General Envelope Generator
MB	Modulation Balance
MG	Modulation Generator
MVCA	Modulation VCA
PC	Programmer Control
S/H	Sample & Hold
SG	Signal Generator
VP	Voltage Processor
PV	Preset Volume

Knob Numbers

#01	SG1 Waveform
#02	SG1 Scale
#03	SG2 Waveform
#04	SG2 Scale
#05	SG2 Frequency
#06	Total PWM Speed
#07	Total PWM Intensity
#08	Total Frequ Mod Intensity
#09	DLPF Cutoff Frequency
#10	DLPF Peak
#11	DLPF KBD Filt Balance
#12	DLPF Expand
#13	DLPF Mod Intensity
#14	EM Attack Time
#15	EM Decay Time
#16	EM Sustain Level
#17	EM Release Time
#18	EQ 8 kHz
#19	EQ 4 kHz
#20	EQ 2 kHz
#21	EQ 1kHz
#22	EQ 500 Hz
#23	EQ 250 Hz
#24	EQ 125 Hz
#25	Amplitude Modulation
#26	KBD Vol Balance
#27	MG1 Waveform
#28	MG1 Frequency
#29	S/H Clock
#30	Modulation Balance
#31	Ensemble
#32	Preset Volume