

Nu:Tek OD-KIT

CIRCUIT DIAGRAM

回路図

E J 1

List of mounted parts

CL: CLEAN
OD: OVERDRIVE
DS: DISTORTION

Part number	Circuit number	Part name	Model	Rating	Quantity
1	U3	3-terminal regulator		LP2950L-3.3V	1
2	U1	Operational amplifier		NJM072D	1
3	U1S	Operational amplifier socket		6pin Socket	1
4	Q1, Q2	J-FET		2SK303L	2
5	D1	Schottky barrier diode		1S30 (R-1)	1
6	ZD1	Zener diode		GDZJ4. 7C	1
7	C2	Film capacitor	CL	0.1μF	1
			OD	0.01μF	1
			DS	0.01μF	1
8	C19	Film capacitor	CL	OPEN	1
			OD	OPEN	1
			DS	1μF	1
9	C8	Film capacitor	CL	1μF	1
			OD	0.047μF	1
			DS	0.047μF	1
10	C9A	Film capacitor		0.0022μF	1
11	C9B	Film capacitor	CL	OPEN	1
			OD	OPEN	1
			DS	0.01μF	1
12	C16	Film capacitor	CL	OPEN	1
			OD	0.22μF	1
			DS	0.0082μF	1
13	C10, C25	Ceramic capacitor		100PF B	2
14	C5	Film capacitor		0.01μF	1
15	C14, C17, C20, C21	Ceramic capacitor		0.1μF	4
16	C6	Film capacitor		0.1μF	1
17	C4, C11, C15, C22	Film capacitor		1μF	4
18	C24	Electrolytic capacitor		47μF/16V	1
19	C1, C12, C18, C23	Electrolytic capacitor		100μF/16V	4

20	C3, C13	Electrolytic capacitor		330μF/25V	2
21	R19	Resistor	CL	OPEN	1
			OD	OPEN	1
			DS	4.7KΩ	1
22	R20	Resistor	CL	0Ω	1
			OD	0Ω	1
			DS	15kΩ	1
23	R21	Resistor	CL	OPEN	1
			OD	OPEN	1
			DS	0Ω	1
24	R22	Resistor	CL	OPEN	1
			OD	OPEN	1
			DS	0Ω	1
25	R23	Resistor	CL	0Ω	1
			OD	0Ω	1
			DS	OPEN	1
26	R24	Resistor	CL	0Ω	1
			OD	0Ω	1
			DS	OPEN	1
27	R16	Resistor	CL	10kΩ	1
			OD	240Ω	1
			DS	15kΩ	1
28	R2	Resistor		10Ω	1
29	R3	Resistor		100Ω	1
30	R17, R28	Resistor		150Ω	2
31	R18	Resistor		1kΩ	1
32	R15, R27	Resistor		2.4kΩ	2
33	R10	Resistor		4.7kΩ	1
34	R12	Resistor		6.8kΩ	1
35	R4, R5, R6	Resistor		10kΩ	3
36	R13, R25	Resistor		33kΩ	2
37	R9	Resistor		51kΩ	1
38	R11, R14, R26	Resistor		100kΩ	3
39	R1, R7	Resistor		2MΩ	2
40	L1, L2	Inductor		BL01RN1A2A2B	2
41	CN8	Connectors		B2B-PH-K-S	1
42	CN7	Connectors		B8B-PH-K-S	1
43	CN1, CN2	Connectors		B8B-ZR-3. 4	2
44	CON1	DC jack		PJ30KM0BB140-69B	1
45	J1, J2	Phone jack		LJB0664-6	2
46	SW2	Slide switch		MS-22D10	1
47	V1	Nutube (vacuum tube)		Nutube 6P1	1
48	VR1, VR5	Volume control		10K A	2
49	VR2	Volume control		100K A	1
50	VR3	Trimmer Potentiometer		10K B	1
51	VR4	Volume control		500K B	1
52		Harness A		Harnesses (8), black	1

53		Harness B		Harnesses (8), tri-colored	1
54		Harness C		Harnesses (2), red and white	1
55		Battery snap			1
56		Nutube rubber		Rubber, 32 x 16 x 1t	1
57		Circuit board cushion		PORON 45 x 14 x 4t	1

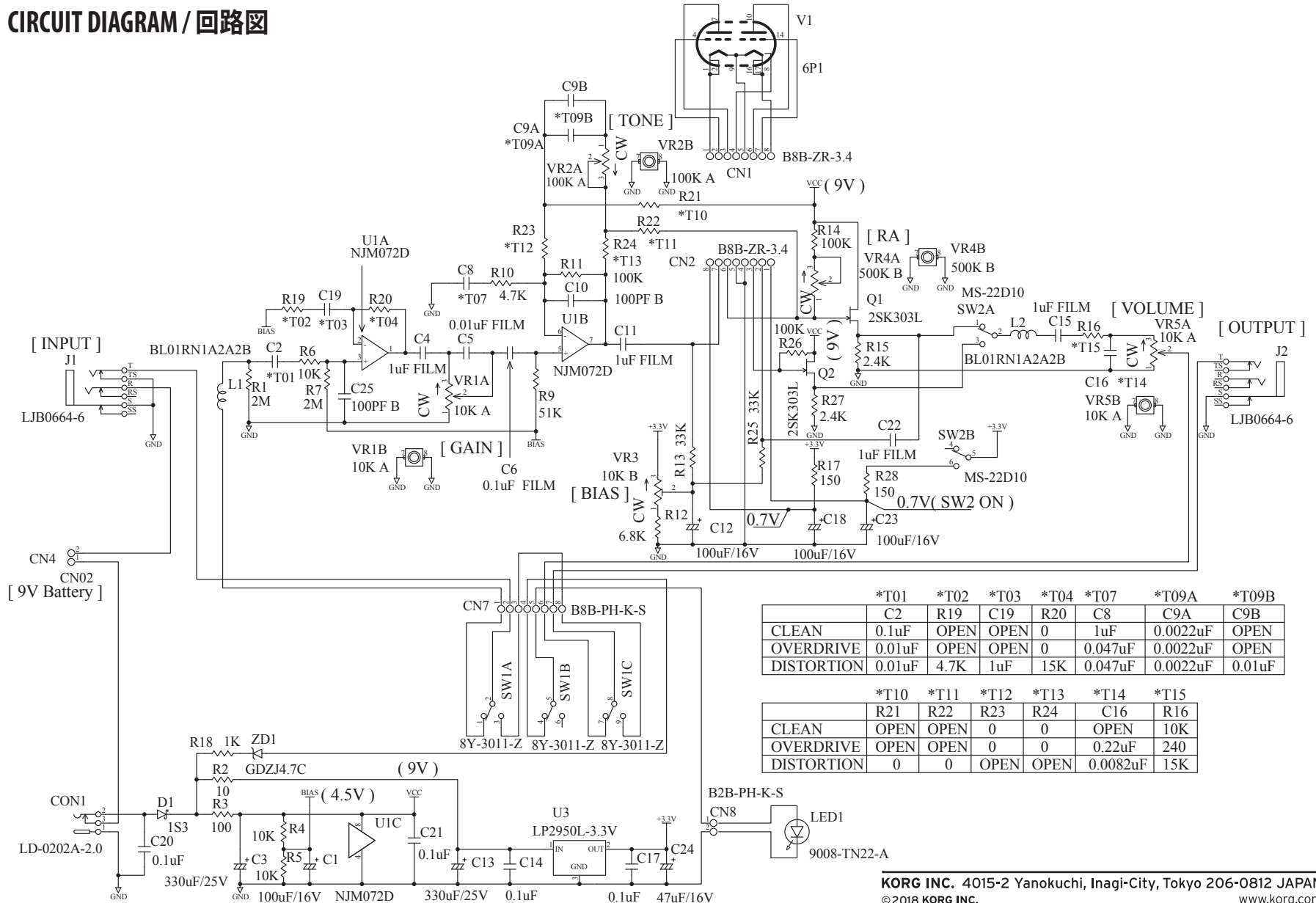
Note: The quantities of parts shown on this list are the number of parts actually used. The kit may contain some extra parts that are not used.



※ 写真はDISTORTIONの完成品の内部図です。
同梱される部品の形状、サイズが写真と異なる場合があります。

Note: The photo shows the internals of the completed DISTORTION model.
The shapes and sizes of parts included in the kit may differ from this photo.

CIRCUIT DIAGRAM / 回路図



	*T01	*T02	*T03	*T04	*T07	*T09A	*T09B
CLEAN	C2	R19	C19	R20	C8	C9A	C9B
OVERDRIVE	0.1uF	OPEN	OPEN	0	1uF	0.0022uF	OPEN
DISTORTION	0.01uF	4.7K	1uF	15K	0.047uF	0.0022uF	0.01uF

	*T10	*T11	*T12	*T13	*T14	*T15
CLEAN	R21	R22	R23	R24	C16	R16
OVERDRIVE	OPEN	OPEN	0	0	0.22uF	240
DISTORTION	0	0	OPEN	OPEN	0.0082uF	15K