

DM & DMS CIRCUIT BOARDS

C8

Destination
B-H2 (C1-8)
B-H1 (C1-7)
B-H0 (C1-6)
B-H3 (C1-9)
B-H4 (C1-5)
B-L0 (C1-4)
B-L1 (C1-3)
B-L2 (C1-2)
B-L3 (C1-1)
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Pin No.	Pin Name	Wire Color	Destination
1	+15S	VI	PSW+15S (C1-7)
2	E	BL	PSW-EC (C1-1)
3	E	BL	SA-EC (C1-1)
4	E	BL	SA-E (C2-5)
5	E	BL	SA-E (C2-6)
6	E	BL	CPB-EC (C2-7)
7	E	BL	MK-EP
8	+5S	YE	PSW+5S (C2-2)
9	+5S	YE	PSW+5S (C2-3)
10	-15S	BR	PSW-15S (C1-2)

C9

Destination
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S-SLL (C1-5)
B-PRL (C2-5)
B-SYL (C2-6)
B-N1 (C3-1)
B-N3 (C3-2)
B-N5 (C3-3)
B-N7 (C3-4)

Pin No.	Pin Name	Wire Color	Destination
1	KON	GY	SA-KON (C4-6)
2	SKON	BR	CPA-SKON (C2-9)
3	SY	YE	SA-SY (C4-3)
4	SUS	SB	SA-SUS (C4-4)
5	ATC	WH	SA-ATC (C3-1)
6	PC	GG	CPA-PC (C3-1)
7	TS	BE	TS-TSO (C1-3)

C10

Destination
A-VAOF (C2-7)
A-DOF (C1-5)
B-SY (C2-3)
B-PR (C2-4)
S-SLB (C1-7)
DMP (C1-1)
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Pin No.	Pin Name	Wire Color	Destination
1	+5IC	OR	PSW+5IC (C2-1)
2	+5	OR	PSW+5 (C2-4)
3	+5	OR	CPB+5 (C2-1)
4	+5	YE	DMS-VDD(C1-1)
5	-15	RE	PSW-15 (C1-3)
6	-15	RE	SA-15B (C1-3)
7	+15	PK	PSW+15 (C1-5)
8	SO	SBR	SA-SI (C4-2)
9	E	GR	DMS-Vss(C1-7)
10	E	—	—

C11

Destination
A-INI (C2-2)
A-PAFT (C2-6)
A-PINI (C2-3)
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A-AFT (C2-5)
S-SLS (C1-2)
A-DLY (C1-8)
A-VAFT (C2-4)
A-DPH (C1-6)
A-SPD (C1-7)

Pin No.	Pin Name	Wire Color	Destination
1	V1	BE	DMS-V1(C1-4)
2	V2	VI	DMS-V2(C1-3)
3	V3	GY	DMS-V3(C1-6)
4	V4	WH	DMS-V4(C1-2)
5	V5	GG	DMS-V5(C1-5)

CN1

Destination
K-4H (C1-4)
B-5L (C4-7)
B-5H (C4-9)
K-6L (C1-7)
K-6H (C1-8)

Pin No.	Pin Name	Wire Color	Destination
1	E	BL	PU-EP
2	10B	OR	FU-S1
3	10A	OR	PT-S4

CN2

Destination
K-GC# (C2-2)
K-CL (C2-1)
B-2L (C4-1)
B-2H (C4-2)
B-3L (C4-3)
B-3H (C4-5)
K-4L (C1-3)

Pin No.	Pin Name	Wire Color	Destination
1	-19A	RE	PT-S2
2	-19B	RE	PT-S3
3	+19B	BE	PT-S1
4	+19A	BE	PT-S6

Destination
K-CF# (C2-7)
K-BF (C2-6)
K-A#E (C2-5)
K-AD# (C2-4)
K-G#D (C2-3)

Notes)

1. Circuit Board: LC28771 ③

2. Integrated Circuits

IC1 : YM20080
 IC2 : YM20090
 IC3 : YM20100
 IC4, 5 : YM20110
 IC6 : μ PC610D
 IC7 : TC4051BP
 IC8 : HD14053BP
 IC9 : μ PC311C
 IC10 : TC4069UBP
 IC11, 12 : TC4071BP
 IC13 : TC4528BP
 IC14, 15 : μ PC78M15H
 IC16 : μ PC7805H

3. Transistors

Tr1, 11 ~ 13, 18 : 2SA1015
 Tr2, 8, 10 : 2SC752
 Tr3 ~ 7, 9 : 2SA1164
 Tr14 ~ 17, 19, 20 : 2SC458

4. Field Effect Transistors

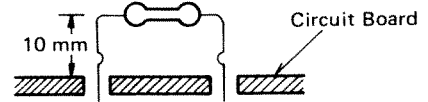
FET1, 2 : 2SK105

5. Diodes

D1 ~ 3 : 1D4B1
 D4 ~ 18 : 1S1555

6. Resistors Marked *

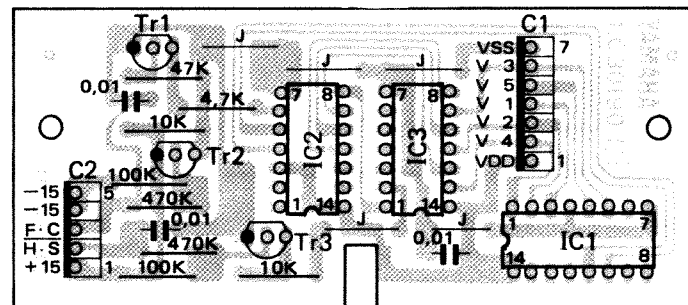
Flame Proof Carbon Film Resistor
 Mount as shown below.



7. FUSE

Model	F 1	F 2	NA Number
Japanese	0.75A (KB00032)	1A (KB00033)	NA10684
U.S.& Canadian	0.75A (KB00122)	1A (KB00106)	NA10685
European	T800mA (KB00261)	T1A (KB00177)	NA10686

DMS



View from the printed pattern side of the circuit board.

C1

Pin No.	Pin Name	Wire Color	Destination
1	VDD	YE	DM-+5(C10-4)
2	V4	WH	DM-V4(C11-4)
3	V2	VI	DM-V2(C11-2)
4	V1	BE	DM-V1(C11-1)
5	V5	GG	DM-V5(C11-5)
6	V3	GY	DM-V3(C11-3)
7	Vss	GR	DM-E(C10-9)

C2

Pin No.	Pin Name	Wire Color	Destination
1	+15	PK	SA+15(C1-4)
2	H-S	SB	SA-H-S(C3-8)
3	F-C	BR	SA-F-C(C4-5)
4	-15	—	—
5	-15	RE	SA-15(C2-4)

Notes)

1. Circuit Board: LC30190 ①.

2. Integrated Circuits

IC1 : HD74LS138P
 IC2 : HD74LS10P
 IC3 : HD74LS04P

3. Transistors

Tr1, 3 : 2SC458
 Tr2 : 2SA1015

KEP-NA10860-1Y △