DATA SHEET

Part No.	AN15861A
Package Code No.	QFP044-P-1010F

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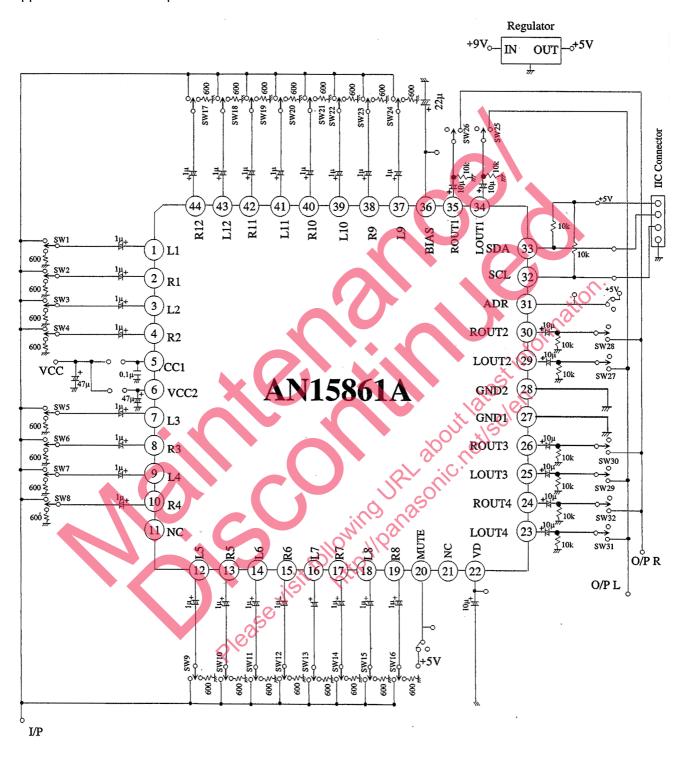
AN15861A

AV Switch IC

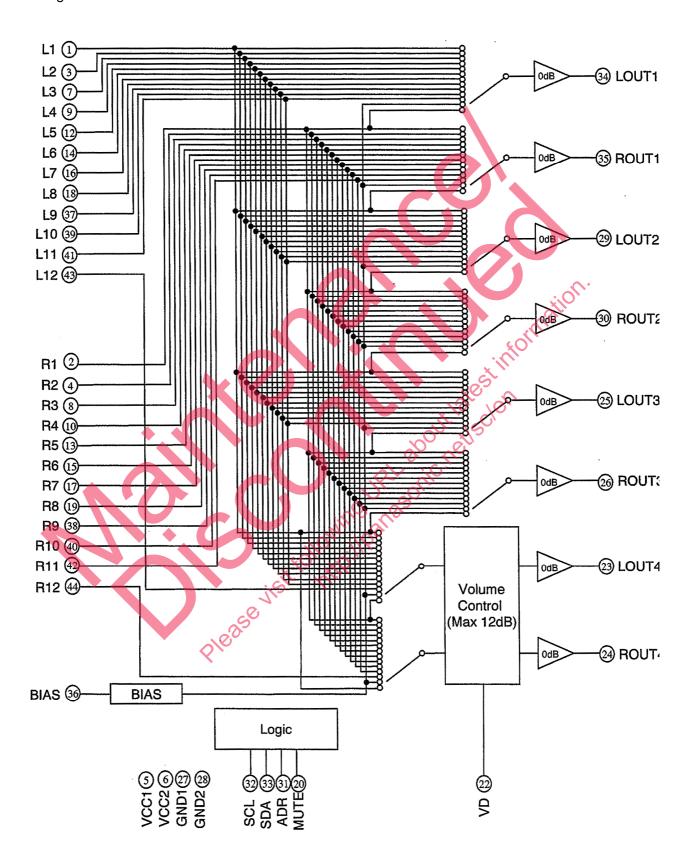
- Features
 - 12-input 4-output channel audio switch IC
- Application
 - Color TV



■ Application Circuit Example



■ Block Diagram



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■ Pin Descriptions

Pin No.	Description	Pin No.	Description
1	L1	23	L-out4
2	R1	24	R-out4
3	L2	25	L-out3
4	R2	26	R-out3
5	V _{CC1}	27	GND1
6	V_{CC2}	28	GND2
7	L3	29	L-out2
8	R3	30	R-out2
9	L4	31	ADR
10	R4	32	SCL
11	N.C.	33	SDA
12	L5	34	L-out1
13	R5	35	R-out1
14	L6	36	BIAS
15	R6	37	L9 VICE
16	L7	38	Religion
17	R7	39 7	L10.
18	L8	40	R10
19	R8	MO41 05	L11
20	Mute	42	R11
21	N.C.	Q 43	L12
22	VD VISIT N	44	R12

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■ Absolute Maximum Ratings

No.	Parameter	Symbol	Rating	Unit	Note
1	Cumulu valta aa	V _{CC1}	14	V	_
2	Supply voltage	V _{CC2}	14	V	_
3	Supply current	I_{CC}		mA	_
4	Power dissipation	P_{D}	448	mW	*1
5	Storage temperature	T_{stg}	-55 to +125	°C	*2
6	Operating ambient temperature	T_{opr}	-20 to +75	°C	*2
7	Operating ambient atmospheric pressure	P _{opr}	$1.013 \times 10^5 \pm 0.61 \times 10^5$	Pa	_
8	Operating constant gravity	G_{opr}	9 810	m/s ²	_
9	Operating shock	S_{opr}	4 900	m/s ²	_

Note) *1: The above power dissipation shows the package power dissipation for this IC mounted on PCB at T_a = 75°C, in free-air, *2: Except for the storage temperature and operating ambient temperature, all ratings are for T_a = 25°C.

Operating Supply Voltage Range

Parameter	X	Symbol		Range	Unit	Note
Operating Supply Voltage Range		V _{CC1}		8.1 to 9.9	V	_
	V _{CC2}		81) to 9.9	·		

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