

These specifications are subject to change without notice.

SANYO ELECTRIC CO., LTD. SEMICONDUCTOR DIVISION 15-13, 6-CHOME, SOTOKANDA, CHIYODA-KU, TOKYO 101 JAPAN

Electrical Characteristics at Ta=25°C

Characteristic		Symbol	******		Test Conditions					Limits		
				Output			SW2	S#3	min	typ	max	uni
(PB mode)			T24		PB+5V	RF		REC	South State	4.		
						<u> </u>	STD	MUTE	1. No	No.		
Current Dissipation		ICCP	T24		Pin24 flow-in	1	1	4	12.0	16.0	20.0	mA
					current	1		Silver	Shire and a start of the start	in all in	C. C	
Voltage Gain	CHI	$G_{yp}(1)$	T15	T3	Vi=38mVpp	1-1-		Contraction of the little		 }	10.00	
	- 2	(2)	T18	Т3	ſ≖1MHz	2	5	Star Star	56 5	59.5	62.5	86
	3	(3)	T22	T3		2	1 3			line.		
Voltage Gain	STD	Δ0 _{VP} (1)		······································	$G_{VP}(1) - G_{VP}(2)$	1	منځې و د و د . ر	- -	-1.O	Ö	-1.0	d 8
Difference 1		···· vp····			-vp, -vp,		AND SHARE		5969424 2969424	-10 -10	d.	S. S. S.
Voltage Gain	SP	δ0 _{VP} (2)	<u> </u>		$\overline{O_{VP}(1)} - \overline{O_{VP}(3)}$	1	de de -		1.0	ិត	-1,0/	dB
Difference 2	~.	~ ovp (_ /		ł	officer-officer	J. S. S.		1 1	a a a a a a a a a a a a a a a a a a a	s ·	and a star	"
Equivalent	CH1	v 7.5-	••• • • • •	T3		17		- 19		<u>86.</u>		ļ
		$V_{NIN}(1)$			Vout Cyp(1),(2),(3)	2° 4'		3.				
Input Noise	2	(2)		T3	Gup(1),(2),(3)	2	5			1.1	1.5	u∛n
<u>Voltage</u>	3	(3)		T3	after 1.1MHz L.P.F 🥖	2						
Frequency		$\Delta V_{fP}(1)$	T15	T3	V1=38mVpp	11				MARY CARACTER		
Characteristic	2	(2)	T18	T3	f=100kHz,7MHz	2	8		-2.5			(`B
	3	(3)	T22	T3	7M/100K output ratio		<u> 1</u>		All and	N.		
Second	CH 1	VHDP(1)	T15	T3	V1=38mVpp	189 -	1988	1. A. B.	A CONTRACTOR			·
Harmonio	2	(2)	T18	T3	f=4MHz	2	2			-40	-35	dB
Distortion	3	(3)	T22	T3	8M/4M output ratio	8	sat [®]		<i></i>			
Maximum	<u>กัต</u> ร์	VOMP (1)	T15	ŤĨ	f=1MHz	1	1688		°			· · · · · ·
Output Level	2	(2)	T18	T3	Output level whon	2	2	J. J.	0.8	1.0		Vpp
ouchae reast				-	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	1	C. Martin	0.0	1.0		ייין
	3	(3)	T22	Т3	3rd harmonio	2	1	and the second				
					distortion is -30dB	1	- ALANNA	ľ				
Crosstalk 1	CH1	V _{CR1} (1)	T18	T3	V1=38mVpp, f=1MHz	1	8	i			i	1
STD	2	(2)	T 15	T3	V _{out} /G _{vp} (1),(2)	2	2	1		-40	-35	d B
					output ratio	1					ļ	
Crosstalk 2	CHI	$V_{CR2}(1)$	T22	T3	V1=38mVpp, f=1MHz	1	f				∮⊶ 	†
SP	3	(3)	T15	TJ/	¥ ./C. (A) (2)	2	1			-40	-35	dB
	2	(3)			Vout/Gyp(1),(3) output ratio	3°	1'				1 - 37	""
Output DC Offset	<u> </u>	AV .		Pin3	Output DC	1-+2	2	I	-100	;;-	100	, min v
Output to OTISAL I TAOD		^{∆V} ODC ¹	-	rang		2 174	1 4		- 100	Ų Ų	100	ישי
			·		difference (STD)	-	·	l			L	<u> </u>
Output DC Offset	: 2	AVODC2	- /	Pin3	Output BC	1+2	1		100	0	100	۵V
<u>,</u>			£	6	difference (SP) /		L		 		<u> </u>	<u> </u>
(REC mode)		4	T12/	And	REC+12¥	RF	[RÉC		1		
				192			STD	MUTE		[1
Current Dissipat	ion	ICCR	T/2	and the second second	Pin12 flow-in	1		2	25.0	37.0	49.0	mA
					ourrent							
Voltage Gain	Ċ	G _{VR} (C)	T6	T41	₩4=0.3Vpp		1	2	16 0	19.0	22.0	48
	Ŷ	(Y)	77	- SS: SAN	6. 1HU-			2	10.0	19.0	22.0	00
Voltage Gain	*					-		<u> −⁼−</u>	-1.0	0	1.0	1 0B
		ΔŪ _{VB}	i and	alline.	UVR 0/ - (1/	1	1		r""	ľ	1	"" ا
Difference				·····					<u>⊢</u>		<u> </u>	
Frequency	C	AV CR(C)	TŐ	TII	V1=0.3Vpp, f=1MHz		1	5		_	1	.r.
Charaoteristic		V / 19	ggy Southliftig		7MH2		í	f _	-1.0	0		dB
	I "	/ (1)	TT	T11_/	7H/1H output ratio			2			İ	
Second Harmonic	Ç	VHDR(C)	16	T 1,≸ ,			1 ·	5		60	1 10	dB
Distortion a	Í J		TT	1 1	8M/4M output ratio		1	2	1	-50	-40	i an
Maximum 🥖	C	VOHB (C)	3 6	TT1	f=1MHz Output level	-1	T	2	Ţ	[1	1
Output Level	Y	(Y)	17	A 11	when 3rd harmonio	{	1	2	3.5	4.0	1	Vpp
CANKAN WALAR	1			1	distortion is -30dB		1	1 -			[11
United to the second	C	Warve-	76	T11	V1=0.3Vpp, f=1MHz		+	1	!		<u> </u>	†
Mute	S	V _{MR} (C) (Y)	12				1	l i	[-60	-50	d B
Attenuation	R.	Kart,	77	T11	Vout/GVR(C),(Y) output ratio	ļ.	1	l '	1	ļ		1
		<u> </u>	<u> </u>			_					i	l
Cross// 🔍	de la come		and the second sec		T6 V1=40mVpp,f=630kHz	1	1	2		1		i
Modulation	all the second s		ť.		T7 V1=0.3Vpp,f=4MHz			i	50	1	1.0	1 40
Relative	16 A A A	Yer //	т6	T 11	4±0.63H		l	2	-50	1	-40	dB
Level	19		T7		4±0.63M 4MHz output ratio		1	1		1	i	1
notor all	 	بالمريحة المريحة المريحة الم	L <u></u>	L	L			.1	J	ı		

Block Diagram

