



ABSOLUTE MAXIMUM RATINGS

PARAMETER	SYMBOL	RATINGS	UNIT
Supply Voltage	V*/V⁻	±18	v
Differential Input Voltage	Vid	±30	v
Input Voltage	Vic	±15 (note	:) V
Power Dissipation	PD	(DIP8) 500	mW
		(DIM8) 300	mW
		(SIP8) 800	mW
		(SSOP8) 250	mW
Operating Temperature Range	Topr	-40~+85	C
Storage Temperature Range	Tstg	-40~+125	C

(note) For supply voltage less than ± 15 V, the absolute maximum input voltage is equal to the supply voltage.

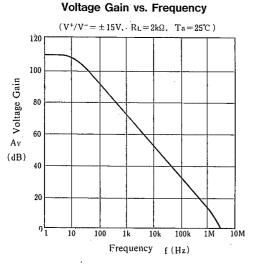
ELECTRICAL CHARACTERISTICS

$(Ta = +25^{\circ}C, V^{+}/V^{-} = \pm 15^{\circ}V)$

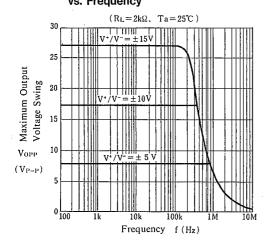
PARAMETER	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Input Offset Voltage	Vio	$R_s = 50\Omega$		2	10	mV
Input Offset Current	I ₁₀			5	200	рA
Input Bias Current	IB		-	30	400	pA
Input Resistance	R _{IN}			1012		Ω.
Large Signal Voltage Gain	Av	$R_L \ge 2k\Omega$, $V_O = \pm 10V$	86	110		dB
Maximum Output Voltage Swing	V _{OM}	$R_L = 2k\Omega$	±12	+13.5, -13.0	_	v
Input Common Mode Voltage Range	VICM		±12	+15.0, -12.5		v
Common Mode Rejection Ratio	CMR	R _s ≦10kΩ	70	90	_	dB
Supply Voltage Rejection Ratio	SVR	R _s ≦10kΩ	76	100	_	dB
Operating Current	I _{CC}		_	4	6	mA
Slew Rate	SR	•	_	.20		V/µs
Gain Bandwidth Product	GB	f=10kHz		5		MHz
Equivalent Input Noise Voltage 1	e _n	$R_s = 100\Omega$, f=1kHz	_	13		nV/√Hz
Equivalent Input Noise Voltage 2	V _{NI}	RIAA R _S =2.2k Ω , 30kHz LPF	-	1.6	-	μVrms

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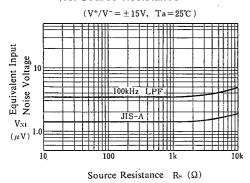
TYPICAL CHARACTERISTICS

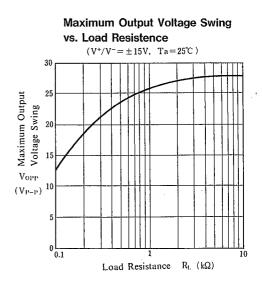


Maximum Output Voltage Swing vs. Frequency

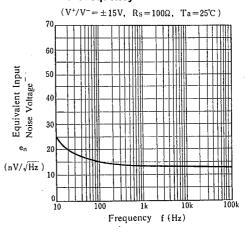


Equivalent Input Noise Voltage vs. Source Resistance

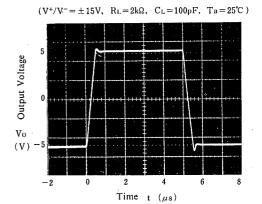




Equivalent Input Noise Voltage vs. Frequency

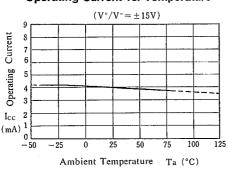


Voltage Follower Palse Response

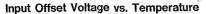


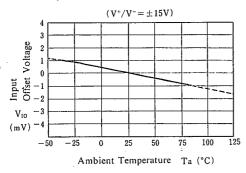
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TYPICAL CHARACTERISTICS

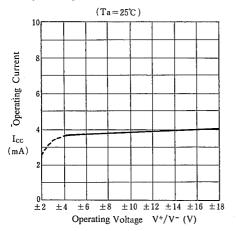


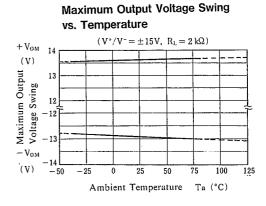
Operating Current vs. Temperature



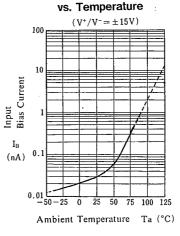


Operating Current vs. Operating Voltage

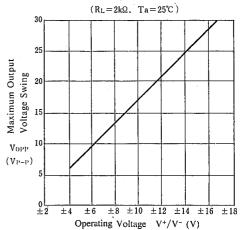




Input Bias Current



Maximum Output Voltage Swing vs. Operating Voltage



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