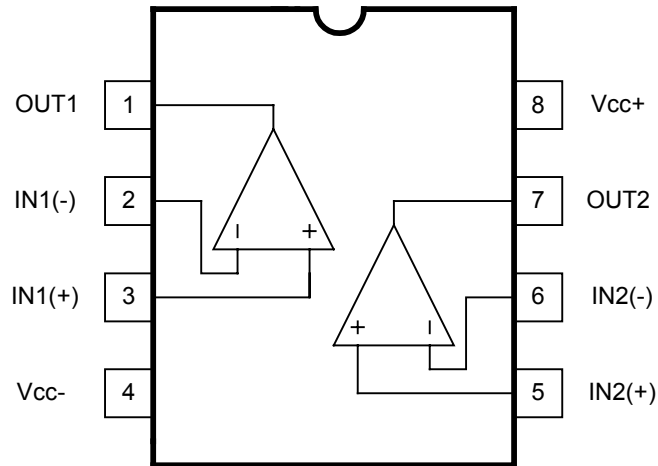
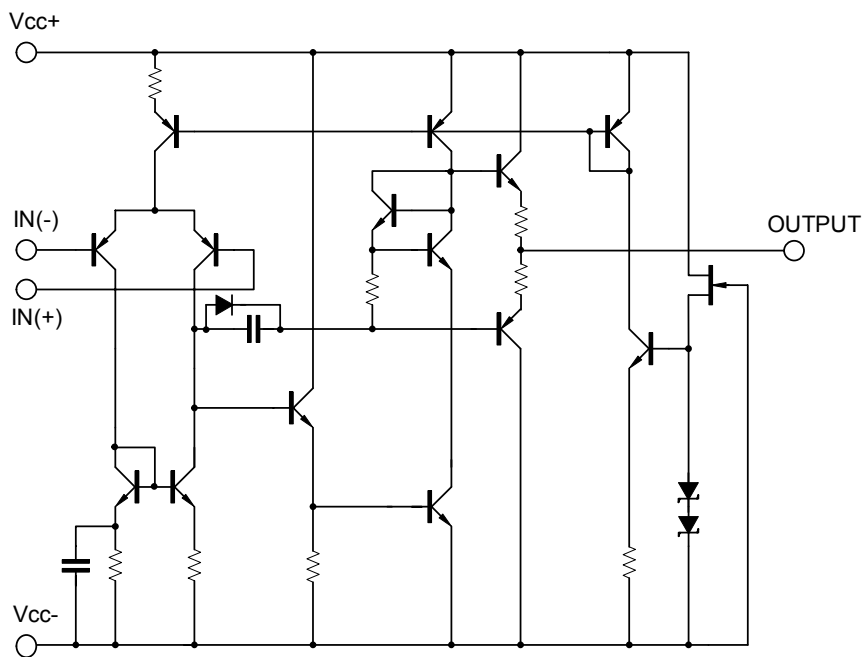




## ■ PIN CONFIGURATION



## ■ TEST CIRCUIT



### ■ ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

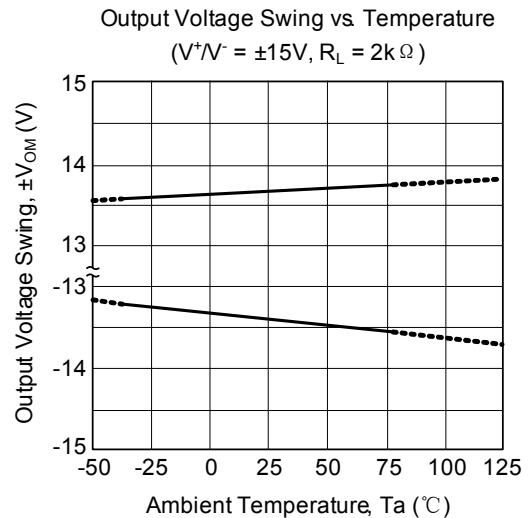
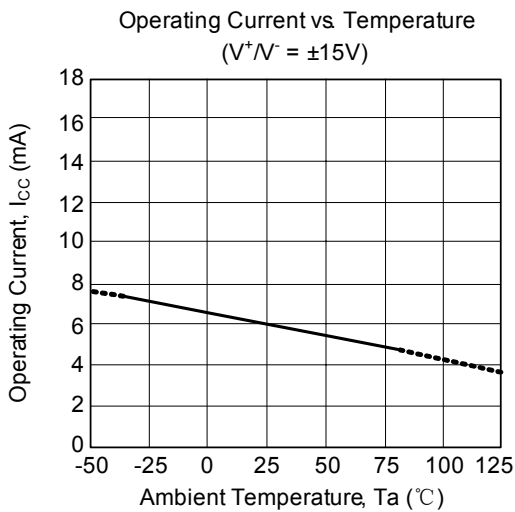
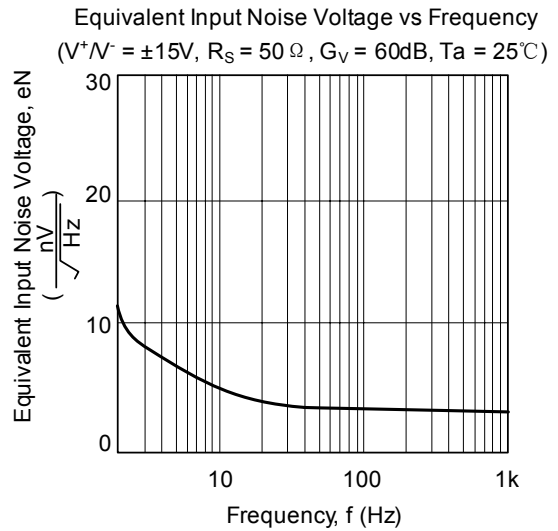
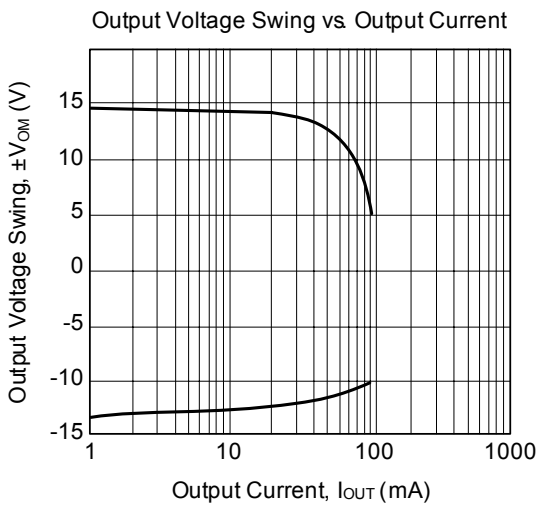
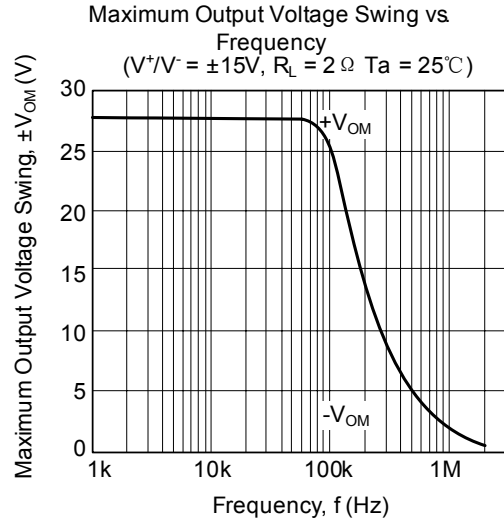
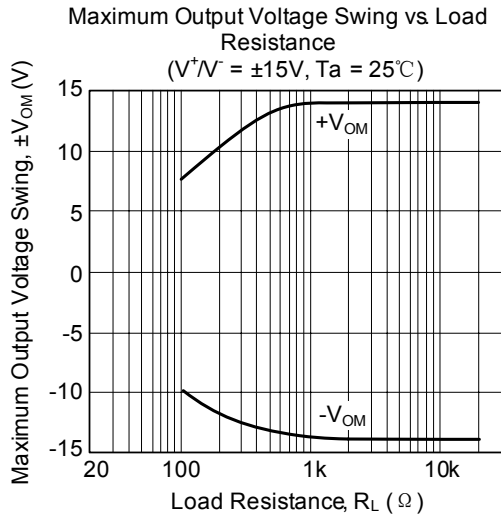
PARAMETER		SYMBOL	RATINGS	UNIT
Supply Voltage		$V^+/V^-$	±18	V
Input Voltage		$V_{IN}$	±15	V
Differential Input Voltage		$V_{I(DIFF)}$	±30	V
Output Current		$I_{OUT}$	±50	mA
Power Dissipation	SOP-8	$P_D$	300	mW
	DIP-8		800	
	TSSOP-8		250	
	MSOP-8		250	
Junction Temperature		$T_J$	+125	°C
Operating Temperature		$T_{OPR}$	-40~+85	°C
Storage Temperature		$T_{STG}$	-40~+125	°C

Note Absolute maximum ratings are those values beyond which the device could be permanently damaged. Absolute maximum ratings are stress ratings only and functional device operation is not implied.

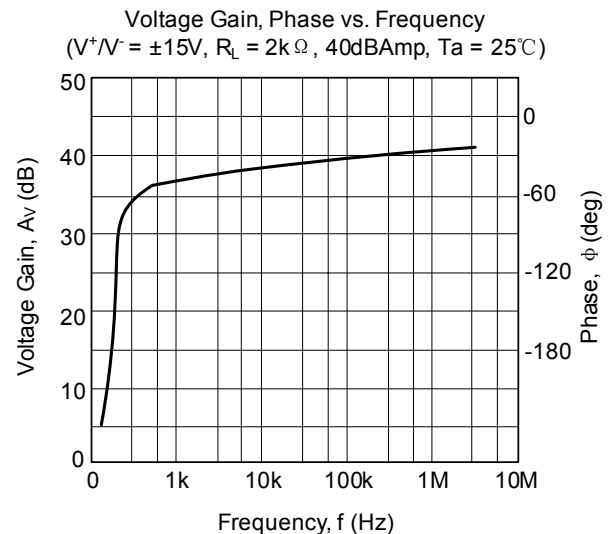
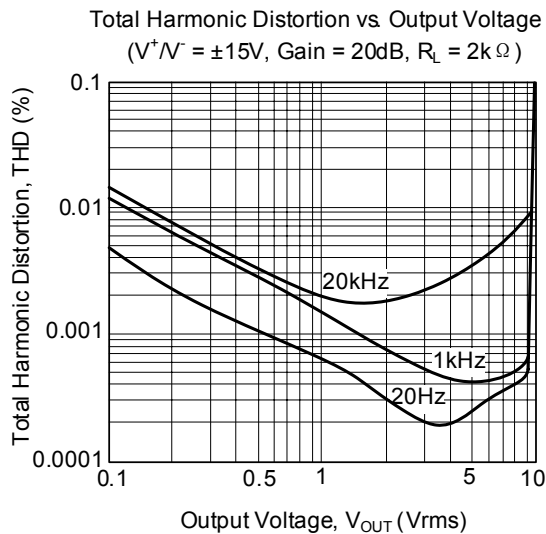
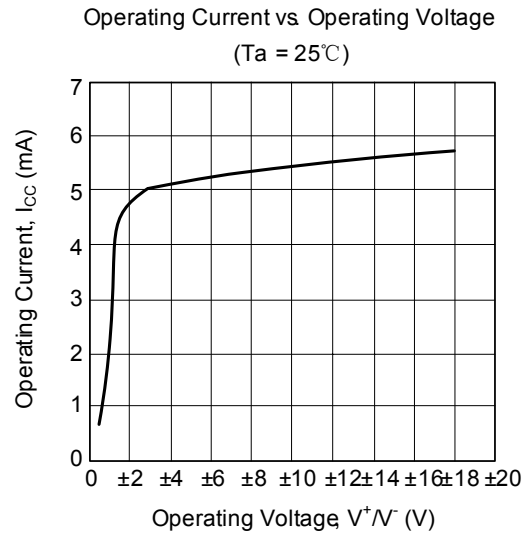
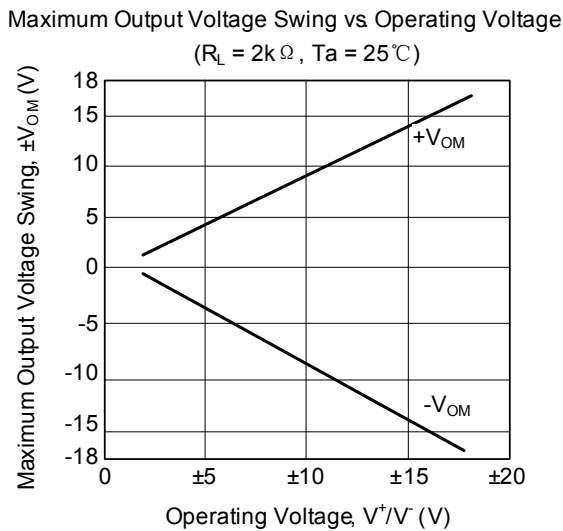
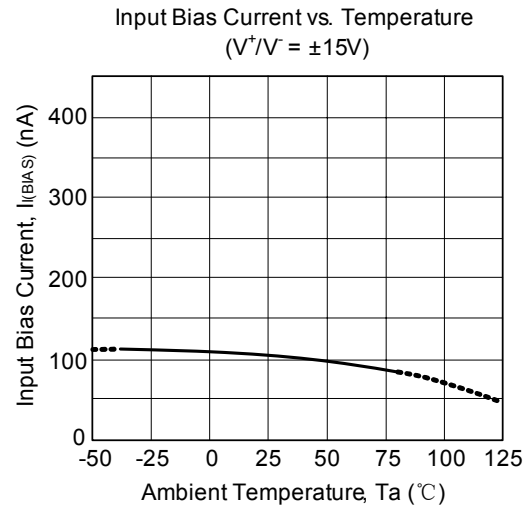
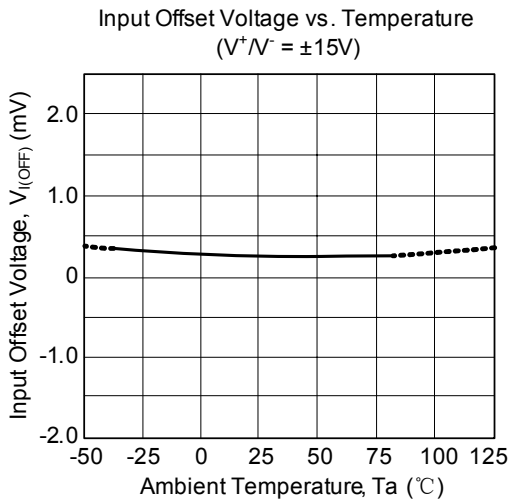
### ■ ELECTRICAL CHARACTERISTICS (V+ /V- = ±15V, Ta=25°C)

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Input Offset Voltage	$V_{I(OFF)}$	$R_S \cong 10k\Omega$	-	0.5	3	mV
Input Offset Current	$I_{I(OFF)}$		-	5	200	nA
Input Bias Current	$I_{I(BIAS)}$		-	100	500	nA
Large Signal Voltage Gain	$G_V$	$V_{OUT} = \pm 10V, R_L \cong 2k\Omega$	90	110	-	dB
Output Voltage Swing	$V_{OM}$	$R_L \cong 2k\Omega$	±12	±13.5	-	V
Input Common Mode Voltage	$V_{I(CM)}$		±12	±13.5	-	V
Common Mode Rejection Ratio	RR	$R_S \cong 10k\Omega$	80	110	-	dB
Supply Voltage Rejection Ratio	SVR	$R_S \cong 10k\Omega$	80	110	-	dB
Operating Current	$I_{CC}$		-	6	9	mA
Slew Rate	SR	$R_L \cong 2k\Omega$	-	5	-	V/μs
Gain bandwidth Product	GB	f=10KHz	-	15	-	MHz
Total Harmonic Distortion	THD	$G_V = 20dB, V_{OUT} = 5V, R_L = 2k\Omega, f = 1KHz$	-	0.0005	-	%
Input Noise Voltage	eN	RIAA $R_S = 2.2 k\Omega, 30kHzLPF$	-	0.8	-	μVrms

## ■ TYPICAL CHARACTERISTICS



## ■ TYPICAL CHARACTERISTICS(Cont.)



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