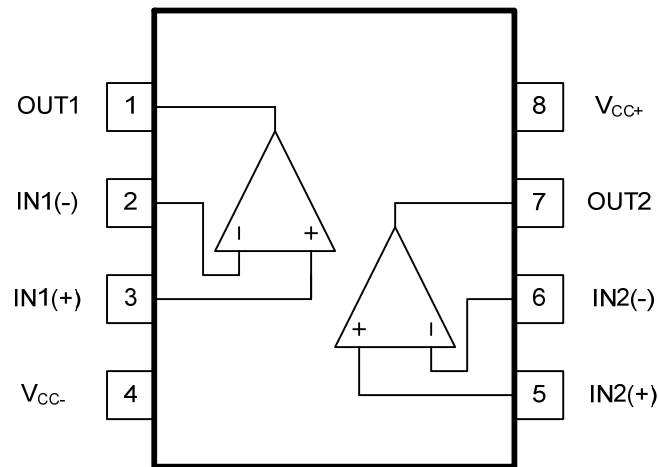
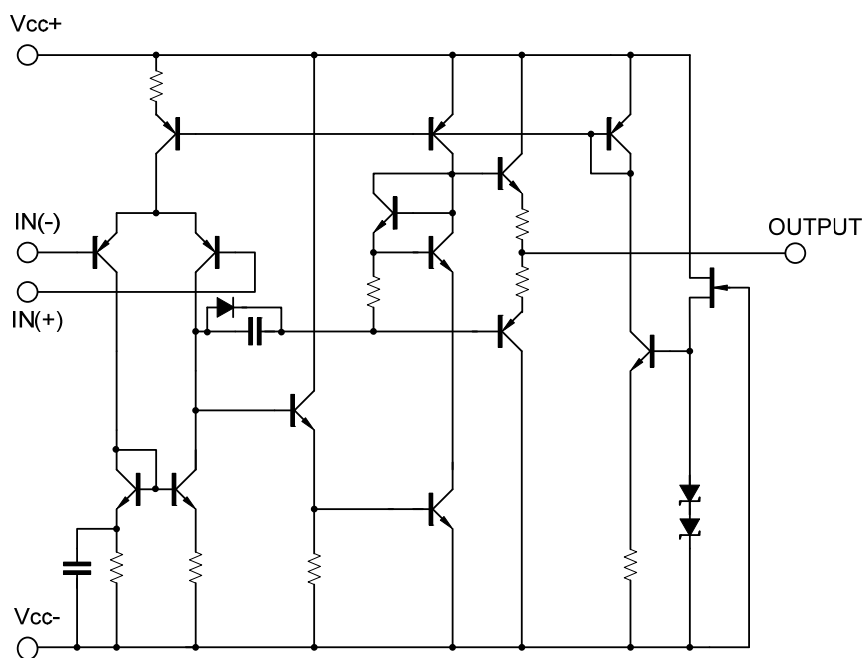


■ PIN CONFIGURATION



■ TEST CIRCUIT



■ ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

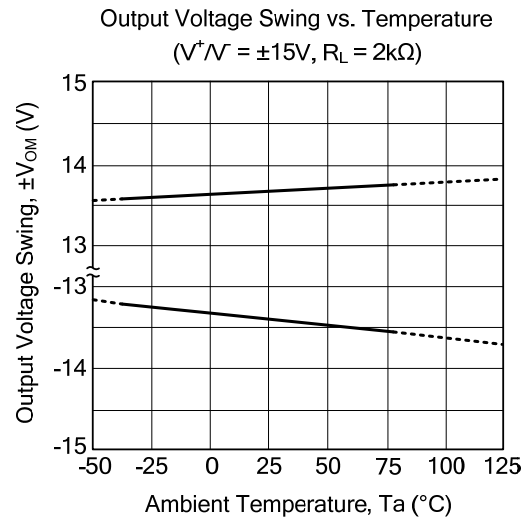
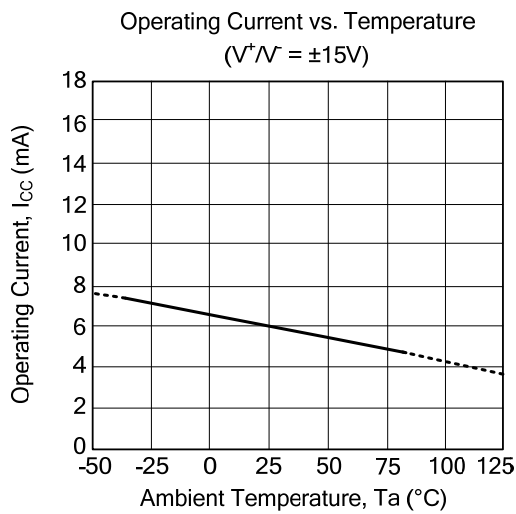
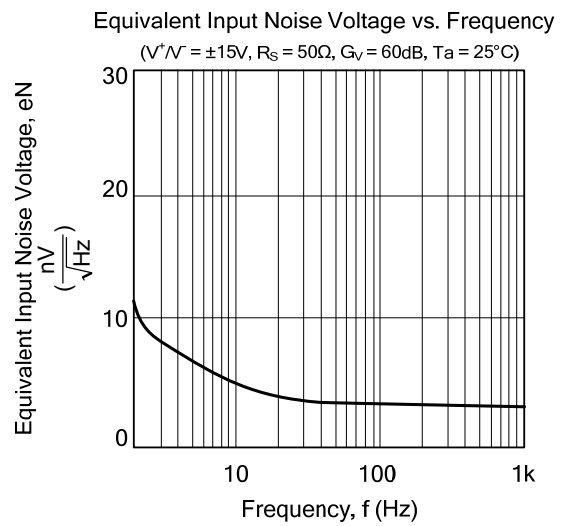
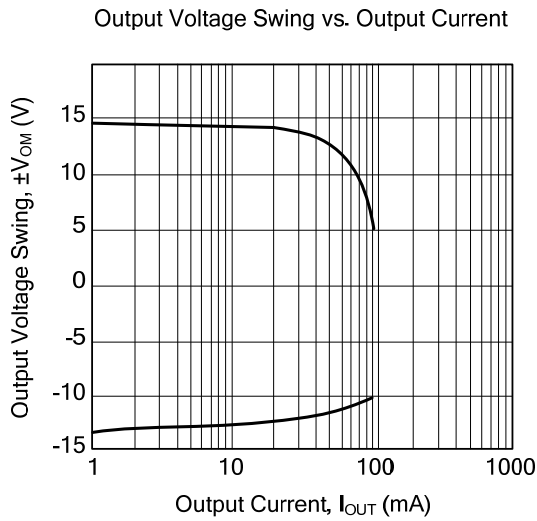
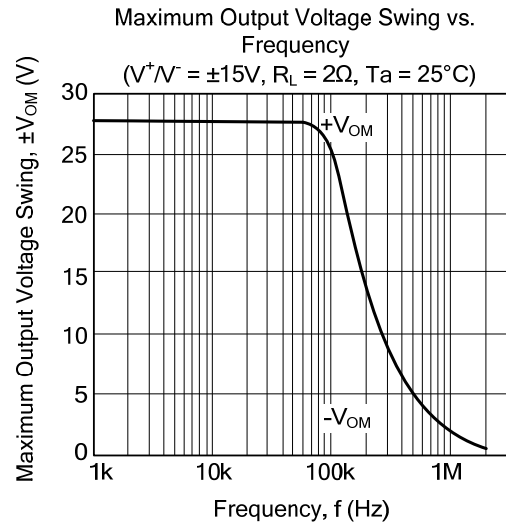
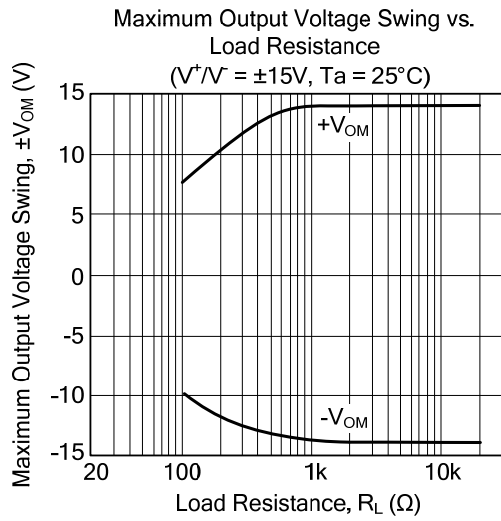
PARAMETER		SYMBOL	RATINGS	UNIT
Supply Voltage		V ⁺ /V ⁻	±18	V
Input Voltage		V _{IN}	±15	V
Differential Input Voltage		V _{I(DIFF)}	±30	V
Output Current		I _{OUT}	±50	mA
Power Dissipation	SOP-8	P _D	300	mW
	DIP-8		800	
	TSSOP-8		250	
	MSOP-8		250	
Junction Temperature		T _J	+125	°C
Operating Temperature		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.

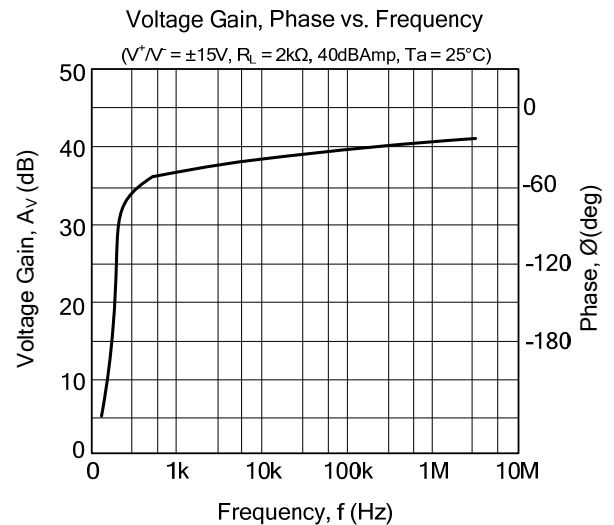
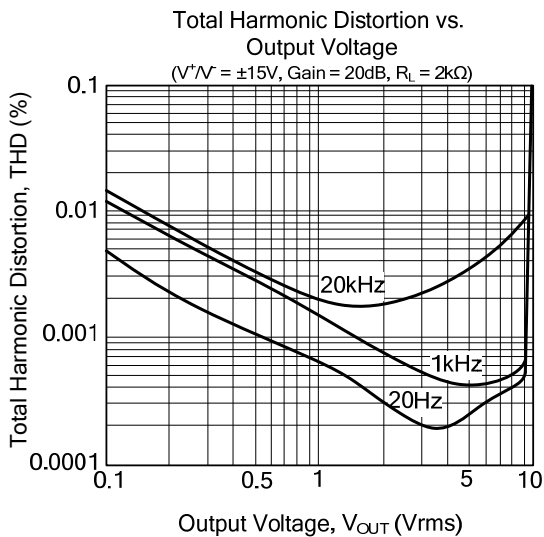
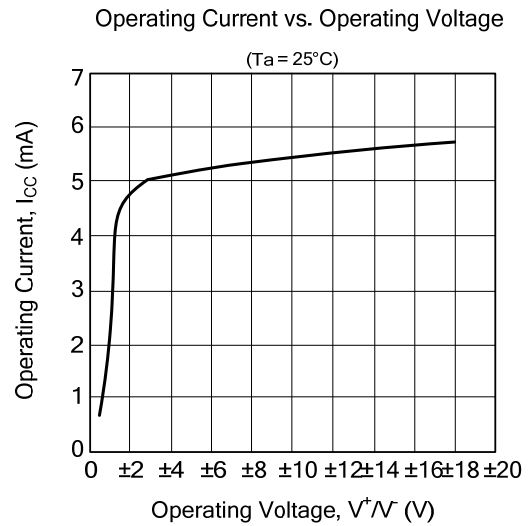
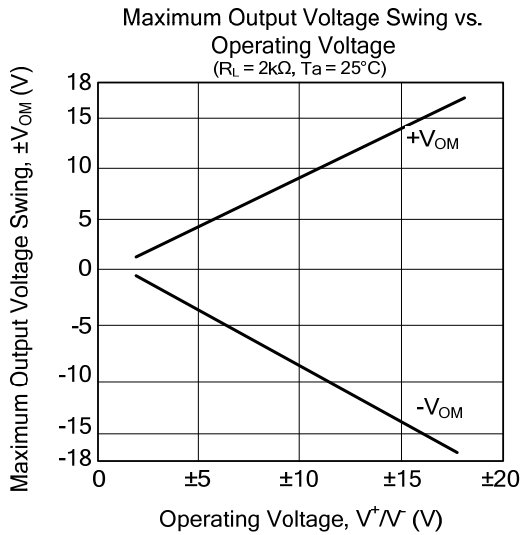
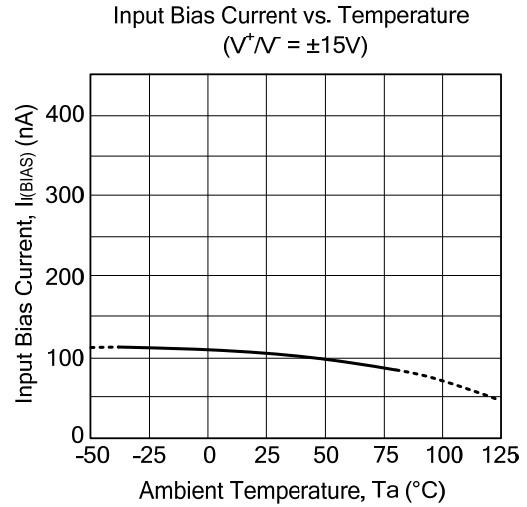
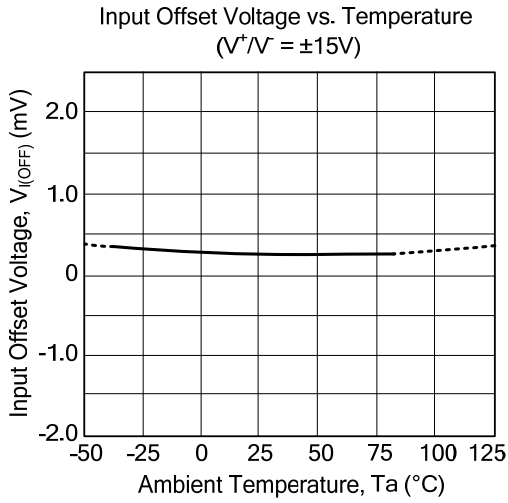
■ ELECTRICAL CHARACTERISTICS (V⁺ /V⁻=±15V, Ta=25°C)

PARAMETER	SYMBOL	TEST CONDITION	MIN	TYP	MAX	UNIT
Input Offset Voltage	V _{I(OFF)}	R _S ≅ 10kΩ	-	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} =±10V, R _L ≅ 2kΩ	90	110	-	dB
Output Voltage Swing	V _{OM}	R _L ≅ 2kΩ	±12	±13.5	-	V
Input Common Mode Voltage	V _{I(CM)}		±12	±13.5	-	V
Common Mode Rejection Ratio	RR	R _S ≅ 10kΩ	80	110	-	dB
Supply Voltage Rejection Ratio	SVR	R _S ≅ 10kΩ	80	110	-	dB
Operating Current	I _{CC}		-	6	9	mA
Slew Rate	SR	R _L ≅ 2kΩ	-	5	-	V/μs
Gain bandwidth Product	GB	f=10KHz	-	15	-	MHz
Total Harmonic Distortion	THD	G _v =20dB, V _{OUT} =5V, R _L =2kΩ, f=1KHz	-	0.0005	-	%
Input Noise Voltage	e _N	RIAA R _S =2.2 kΩ, 30kHzLPF	-	0.8	-	μVrms

■ TYPICAL CHARACTERISTICS



TYPICAL CHARACTERISTICS(Cont.)



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