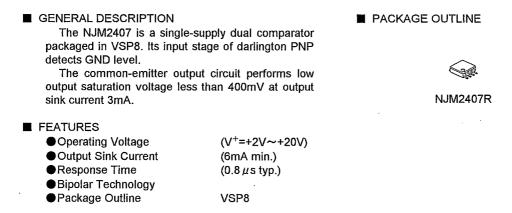
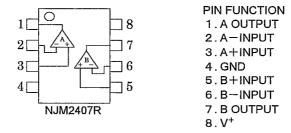
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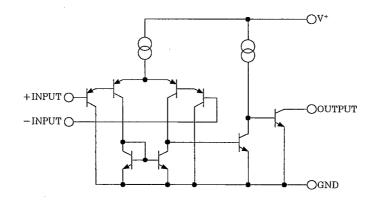
SINGLE-SUPLLY DUAL COMPARATOR



■ PIN CONFIGURATION



EQUIVALENT CIRCUIT (1/2 Shown)



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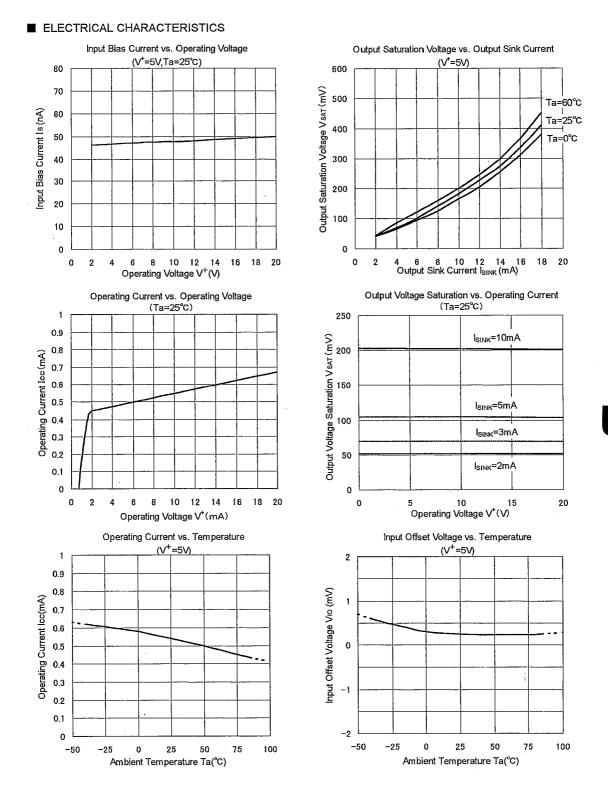
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ABSOLUTE MAXIMUM RAT	(Ta=25°C)			
PARAMETER	SYNBOL	RATINGS	UNIT	
Supply Voltage	V ⁺ (V ⁺ /V ⁻)	20(±10)	V	
Differential Input Voltage	V _{ID}	±20	V	
Input Voltage	V _{IN}	-0.3~+20(note)	V	
Power Dissipation	PD	320	mW	
Operating Temperature Range	Topr	-40~+85	⊃°C	
Storage Temperature Range	Tstg	-50~+125	℃	

(note):When the supply voltage is less than +20V,the absolute maximum input is equal to the supply voltage.

ELECTRICAL CHARACTERISTICS			(V ⁺ =5V,Ta=25°C)				
PARAMETER	SYNBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT	
Input Offset Voltage	V _{IO}	Rs=0Ω,Vo≒1.4V	-	2	7	mV	
Input Offset Current	l _{io}			5	50	nA	
Input Bias Current	l _B		-	25	250	nA	
Large Signal Voltage Gain	Av	$R_{L}=15k\Omega$	_	106	—	dB	
Input Common Mode Voltage Range	VICM		0~3.5		—	V	
Response Time	t _R	R _L =5.1kΩ	-	0.8	—	μs	
Output Sink Current	I _{SINK}	V _{IN} ⁺ =0V,V _{IN} ⁻ =1V,Vo=1.5V	6	16	—	mA	
Output Saturation Voltage	VSAT	V _{IN} +=0V,V _{IN} -=1V,I _{SINK} =3mA	-	200	400	mV	
Output Leakage Current	ILEAK	V _{IN} ⁺ =1V,V _{IN} ⁻ =0V,Vo=5V	_		1.0	μA	
Operating Current	lcc	R _L =∞	-	0.4	1	mA	

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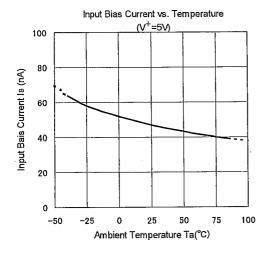


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ELECTRICAL CHARACTERISTICS



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MEMO

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