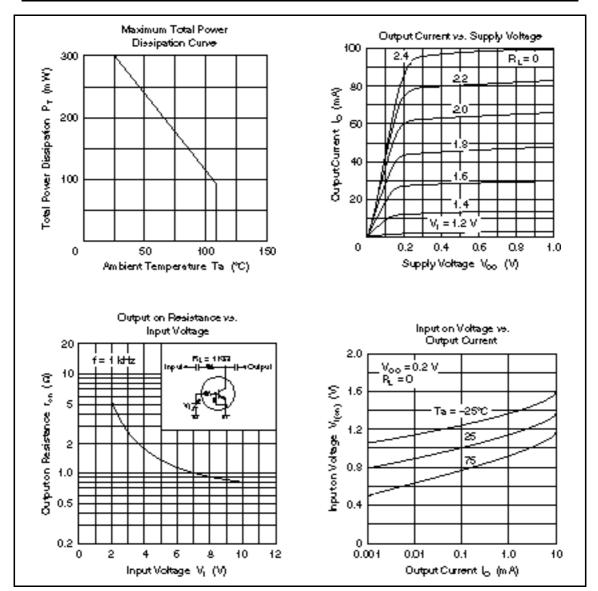


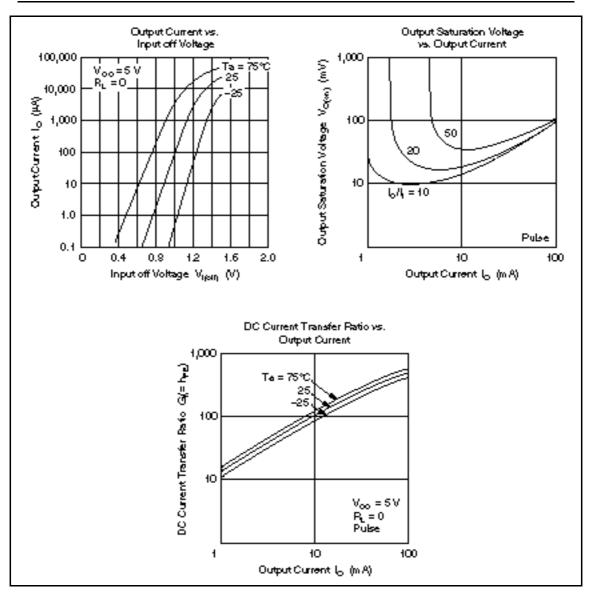
Absolute Maximum Ratings (Ta = 25° C)

Item	Symbol	Ratings	Unit
Supply voltage	V _{cc}	20	V
Input voltage	V	±10	V
Output current	I _o	600	mA
Total power dissipation	P _T	300	mW
Operating temperature	T _{op}	–25 to +110	°C
Storage temperature	Tstg	–55 to +150	°C

Electrical Characteristics (Ta = 25°C)

Item	Symbol	Min	Тур	Max	Unit	Test conditions
Input on voltage	V _{I(on)}	1.1	—	1.7	V	$V_{cc} = 0.2 \text{ V}, I_{o} = 10 \text{ mA}$
Input off voltage	$V_{\text{I(off)}}$	0.5	_	1.2	V	V_{cc} = 5 V, I _o = 10 μ A
Output saturation voltage	$V_{O(on)}$	_	20	40	mV	$I_0 = 10 \text{ mA}, I_1 = 0.5 \text{ mA}$
Output cutoff current	I _{O(off)}	_	_	0.5	μA	$V_{cc} = 5 V, V_{l} = 0$
DC current transfer ratio	Gi	60	100	_		$V_{cc} = 5 \text{ V}, \text{ I}_{o} = 10 \text{ mA}$
Input resistance	R ₁	—	6.8		k	
Resistance ratio	R_1/R_2	0.9	1.0	1.1		
Turn on time	t _{on}	_	0.3		μS	$V_{cc} = 5 V, V_{I} = 5 V, R_{L} = 1k$
Storage time	t _{stg}	—	1.5		μS	_
Fall time	t _f	_	0.7		μS	_
Output on resistance	r _{on}	—	1.0			$V_I = 7 V, R_L = 1k$, f = 1kHz





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