Electrical characteristics at specified free-air temperature, Vcc =5V (unless otherwise noted)

PARAMETER	TEST CONDITIONS*		LM358			UNIT
			MIN	TYP	MAX	
V_{IO} Input offset voltage	Vcc=5V to MAX, Vic=VICR min, Vo=1.4V	25℃		3	7	mV
		Full range			9	
α V_{IO} Average temperature coefficient of input offset current		Fullrange		7		V/℃
I_{IO} Input offset current	Vo=1.4V	25℃		2	50	nA
		Full range			150	
IIO Average temperature coefficient of input offset current		Full range		10		pA/℃
I_{IB} Input bias current	Vo=1.4V	25 ℃		-20	-250	nA
		Full range			-500	
V_{ICR} Common-mode input voltage range	Vcc=5V to MAX	25℃	0 to Vcc-1.5			V
		Full range	0 to Vcc-2			
V_{OH} High-level output voltage	R_L≥2kΩ	25℃	Vcc-1.5			V
	Vcc=MAX, R_L≥2kΩ	Full range	26			
	Vcc=MAX, R_L≥10 kΩ	Full range	27	28		
V_{OL} Low-level output voltage	RL≥10 kΩ	Full range		5	20	mV
A_{VD} Large-signal differential voltage amplification	Vcc=15V, Vo=1V to 11V R_L≥2KΩ	25 ℃	25	100		V/mV
		Full range	15			
CMRR Common-Mode rejection ratio	Vcc=15V to MAX V_{IC}=V_{ICR} min	25℃	65	80		dB
K_{SVR} Supply voltage rejection ratio ($\Delta V_{CC}/\Delta V_{IO}$)	Vcc=5V to MAX	25℃	65	100		dB
Vo1/Vo2 Crosstalk attenuation	f=1kHz to 20kHz	25℃		120		dB
Io Output current	Vcc=15V, V_{ID} = 1V, Vo=0	25℃	-20	-30		mA
		Full range	-10			
	Vcc=15V, V_{ID}=-1V, Vo=0	25℃	10	20		
		Full range	5			
	V_{ID}=-1V, Vo=200mA	25℃	12	30		μA
Los Short-circuit out put current	Vcc at 5V, GND at –5V, Vo=0	25℃		±40	±60	mA
Icc Supply current (four amplifiers)	Vo=2.5V, No load	Full range		0.7	1.2	mA
	Vcc=MAX, Vo=0.5Vcc, No load	Full range		1	2	

*All characteristics are measured under open loop conditions with zero common-mode input voltage unless otherwise specified. "MAX" Vcc for testing purposes is 30 V. full range is 0 ℃ to 70℃