

**TABLE 1—PARAMETERS FOR THE OFFSET VOLTAGE OF A SIGNAL OP AMP**

Parameter	Test conditions		T <sub>A</sub> * 25°C	MIN	TYP	MAX	Unit
V <sub>IO</sub> (input offset voltage)	V <sub>O</sub> =V <sub>DD</sub> /2 R <sub>L</sub> =2 kΩ R <sub>S</sub> =50Ω	TLV278x	25°C		250	3000	μV
			Full range			4500	
		TLV278xA	25°C		250	2000	
			Full range			3000	
∞V <sub>IO</sub> (temperature coefficient of input offset voltage)				8		μV/°C	
CMRR (common-mode rejection ratio)	V <sub>IC</sub> =0 to V <sub>DD</sub> R <sub>S</sub> =50Ω	V <sub>DD</sub> =1.8V	25°C	50	76		dB
			Full range	50			
		V <sub>DD</sub> =2.7V/3.6V	25°C	55	80		
			Full range	50			
	V <sub>IC</sub> =1.2V to V <sub>DD</sub> R <sub>S</sub> =50Ω	V <sub>DD</sub> =2.7V/3.6V	25°C	70	100		
			Full range	70			

**Notes:** Electrical characteristics at specified free-air temperature, V<sub>DD</sub>=1.8V, 2.7V (unless otherwise noted).

\*Full range is 0 to 70°C for the C suffix and -40 to +125°C for the I suffix. If unspecified, full range is -40 to +125°C.