

General Purpose

Electrical Characteristics, $T_A = 25^\circ\text{C}$

Type	V _{IO} Max. mV	I _I Max. nA	I ⁺ Max. Ma	Max. V ⁺ , V ⁻	A _{OL} (Min.) dB	Unity Gain BW Typ. MHz	SR (Typ.) V/μs	Pkg. No. of Pins*
Single-Unit Types								
CA311	7.5	250	8	±18	106	Response Time 1		8E, S, T
Dual-Unit Types								
CA3290	20	50pA	3	±18	88	Response Time 2		8E, S, T 14E1
CA3290A	10	40pA	3	±18	88			
Quad-Unit Types								
CA139	5	100	8	±18	-	Response Time 3		14E
CA139A	2	100	8	±18	94			14E
CA239	5	250	2	±18	-			14E
CA239A	2	250	2	±18	94			14E
CA339	5	250	2	±18	94			14E
CA339A	2	250	2	±18	94			14E

* See interpretation guide and packaging section

Response Time:

1 - 200 ns

2 - $t_r = 1.2 \mu\text{s}$, $t_f = 200 \text{ ns}$

3 - $t_r = 1.3 \mu\text{s}$, $t_f = 300 \text{ ns}$

Type	V_{IO} mV	I_{IO} nA	Comments	Re- sponse Time	Pkg. No. of Pins*
HA4900 HA4902 HA4905	2	10	Single or dual supply. Analog and logic supplies separated for easier interface and noise immunity	130ns	16

High-Speed

Type	V_{IO} mV	Propagation Delay ns	Tracking Bandwidth MHz
HFA-003	0.1	<3	300