

Operational Amplifiers

General Purpose

Type	V _{IO} Max. mV	I _I Max. nA	I _I ⁺ Max. Ma	Max. V ⁺ , V ⁻	AOL (Min.) dB	Unity Gain BW Typ. MHz	SR (Typ.) V/μs	Pkg. No. of Pins [†]
CA081 •	15	50pA	2.8	±18	88	5	13	8E
CA081 •	6	40pA	2.8	±18	94	5	13	8E
CA101	5	0.05	2.5	±44	94	1	-	8E, S, T
CA201, LM201†	7.5	0.15	3	±44	85	1	-	8E, S, T
CA301A, LM301A†	7.5	0.025	3	±36	88	1	10	8E, S, T
CA307, LM307†	7.5	250	3	±36	88	1	-	8E, S, T
CA741, LM741†	5	500	2.8	±44	94	1	0.5	8E, S, T
CA741C, LM741C†	6	500	2.8	±36	86	1	0.5	10T, 14E
CA748, LM748†	5	500	2.8	±44	94	1	0.5	8E, S, T
CA748C, LM748C†	6	500	2.8	±35	86	1	0.5	8E, S, T
CA3193 •	0.5	40	3.5	±18	100	1.2	0.25	8E, S, T
CA3193A •	0.2	20	3.5	±18	110	1.2	0.25	
CA3420 •	10	5pA	0.65	±11	80	0.5*	0.5	8E, S, T
CA3420A •	5	5pA	0.65	±11	86	0.5*	0.5	
CA3440 •	10	50pA	0.017	±12.5	80	63kHz	0.03	8E, S, T
CA3440A •	5	40pA	0.017	±12.5	80	63kHz	0.03	
CA3450	15	350	35	±8.5	60	220	330	16E
CA3493 •	0.5	40	3.5	±18	100	1.2*	0.25	8E, S, T
CA3493A •	0.2	20	3.5	±18	110	1.2*	0.25	
CA6741	Low-Noise CA741		See Note 1					

+ See interpretation guide and packaging section

• BiMOS type

* ft.

† Technical data on LM Branded Types are identical to the corresponding CA Branded Types

NOTE: 1. "Popcorn" (Burst) Noise. Device rejected if total noise voltage (burst + 1/f) referred to input exceeds 20μV peak during 30-second test period.

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CA082 •	15	50pA	5.6	±18	88	5	13	8E
CA082A •	6	40pA	5.6	±18	94	5	13	8E
CA158	5	150	1.2	±13	94	1	-	8E, S, T
CA158A	2	50	1.2	±13	94	1	-	
CA258	5	150	1.2	±13	94	1	-	8E, S, T
CA258A	3	80	1.2	±13	94	1	-	
CA358, LM358†	7	250	1.2	±13	88	1	-	8E, S, T
CA358A	3	100	1.2	±13	88	1	-	8E, S, T
CA747	5	500	2.8	±44	94	1	0.5	10T, 14E
CA747C	6	500	2.8	±36	86	1	0.5	
CA1458, LM1458†	6	500	2.8	±36	86	1	0.5	8E, S, T
CA1558, LM1558†	5	500	2.8	±44	94	1	0.5	8E, S, T
CA2904, LM2904†	7	250	1.2	±13	100*	1	-	8E, S, T
CA5422 • Ampl A	10	5pA	0.7	±11	60	160kHz	0.25	14E
Ampl B	20	25pA	0.7	±11	50	800kHz	1	14E
CA084 •	15	50pA	11.2	±18	88	5	13	14E
CA084A •	6	40pA	11.2	±18	94	5	13	14E
CA124	5	150	2	±16	94	1	-	14E
CA224	7	250	2	±16	86	1	-	14E
CA324, LM324†	7	250	2	±16	86	1	-	14E
CA3401	-	300	10	±18	60	5	0.6	14E
CA3410 •	15	40	12	±18	86	5.4	10	16E
CA3410A •	8	30	10	±18	86	5.4	10	16E