5-Volt BiMOS Microprocessor Types for Low-Supply Voltage, Low-Input-Current Applications

Type	V_{IO} Max. mV	I_I Max. nA	I^+ Max. Ma	Max. V^+, V^-	A_{OL} (Min.) dB	Unity Gain Bandwidth Typ. MHz	SR (Typ.) V/μs	Package No. of Pins+
CA5130	10	15pA	0.4	±8	85	15	30	8E, M,
CA5130A	4	10pA	0.4	±8	90	15	30	S, T
CA5160	10	15pA	0.4	±8	85	3*	8	8E, S,
CA5160A	4	10pA	0.4	±8	90	3*	8	T
CA5260	15	15pA	1.8	±8	80	3*	8	8E, M,
CA5260A	4	15pA	1.8	±8	83	3*	8	S, T
CA5420	10	2pA	0.5	±11	85	0.5	0.5	8E, S, T
CA5420A	5	1pA	0.5	±11	85	0.5	0.5	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

+ See interpretation guide and packaging section

* ft.

High-Voltage

Type	Description	Features
HA-2640, HA-2645	High Voltage Op-Amp	Slew rates: 1V/μs, Bandwith: 4MHz, Input offset voltage: 4mV, Offset current: 5nA Output voltage swing: ±35V, Input voltage swing: ±35V, Supply range: ±10V to ±40V Output overload protection

High-Speed

Wideband, Dual, BiMOS-E

Type	V_{IO} Max. mV	I_I Max. pA	I^+ Max. Ma	Max. V^+, V^-	A_{OL} (Min.) dB	Unity Gain Bandwidth Typ. MHz	SR (Typ.) V/μs	Package No. of Pins+
CA5202△	3	0.1nA	8	±8	65	50	100	8E, M, 8T, S

+ See interpretation guide and packaging section

△ T_A = -40 to +85°C
Internal Compensation