

Wideband High-Slew Rate Types (>50 V/μs)

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 ⁺
CA3080	5	5000	1.2	±18	□	2#	50	8E, S,
CA3080A	2	5000	1.2	±18	□	2#	50	T
CA3100 •	5	2000	10.5	±18	56	38#	70	8E, S, T
CA3280	3	5000	4.8	±18	94	9#	125	16E
CA3280A	0.5	5000	4.8	±18	94	9#	125	16E
CA3250	15	350	35	±8.5	60	220	330	16E

+ See interpretation guide and packaging section

• BiMOS type

Open-loop bandwidth

Precision

Type		Temperature Range	Pinout See This Sect.	Offset Voltage (μV)	Offset Voltage Drift (μV/°C)	Bias Current (nA)	Open Loop Gain (kV/V)	1kHz Noise Current (pA/√Hz)	1kHz Noise Voltage (nV/√Hz)	CMRR (dB)	PSRR (dB)	Supply Current (mA/amp)	Comments
SINGLES	HA-5170	-55°C to +125°C 0°C to +75°C	14, 15, 20	100	2	0.02	600	0.01	10	100	105	1.9	J-FET
	HA-5180	-55°C to +125°C 0°C to +75°C	15, 16	1000	5	0.0003	1000	0.01	70	110	105	0.7	J-FET
	HA-5127A	-55°C to +125°C 0°C to +75°C	25, 26, 27	10	0.2	±10	1800	0.4	3.0	126	120	3	
	HA-5127	-55°C to +125°C 0°C to +75°C	25, 26, 27	20	0.3	±12	1800	0.4	3.0	123	120	3	
	HA-5137A	-55°C to +125°C 0°C to +75°C	25, 26, 27	10	0.2	±10	1800	0.4	3.0	126	120	3	
	HA-5137	-55°C to +125°C 0°C to +75°C	25, 26, 27	20	0.3	±12	1800	0.4	3.0	123	120	3	
	HA-2548	-55°C to +125°C -40°C to +85°C 0°C to +75°C	2, 8	300	4	20	3162	0.4	8.3	90	95	12	High Speed 150 V _{ps} Slew Rate 200ns 0.01% Settling Time
	HA-5221	-55°C to +125°C -40°C to +85°C 0°C to +75°C	25, 26	300	0.5	40	2512	0.97	3.4	95	100	8	New
DUALS	HA-5222	-55°C to +125°C -40°C to +85°C 0°C to +75°C	12	300	0.5	40	2512	0.97	3.4	95	100	8	New
QUADS	HA-5134A	-55°C to +125°C 0°C to +75°C	23, 24	50	1.2	±10	3000	1	7	120	120	1	New
	HA-5134	-55°C to +125°C 0°C to +75°C	23, 24	50	2	±10	3000	1	7	120	116	1.6	New, Quad