

Commercial Precision Op Amps

PART NUMBER	ELECTRICAL CHARACTERISTICS								IMPORTANT FEATURES
	V _{OS} MAX (μV)	TC V _{OS} (μV/°C)	I _B MAX (nA)	A _{VOL} MIN (V/mV)	SLEW RATE MIN (V/μs)	NOISE MAX 10Hz (nV/√Hz)	PACKAGES AVAILABLE	MIL/IND TEMP	
SINGLE									
LF355A	2000	5	0.05	75	5	25 [†]	H, N8		JFET Inputs, Low I _B , No Phase Reversal
LF356A	2000	5	0.05	75	10	15 [†]	H, N8		
LM10B	2000	2 [†]	20	120	—	50 [†]	H, J8	M	On-Chip Reference Operates with +1.2V Single Battery
LM10BL	2000	2 [†]	20	60	—	50 [†]	H, J8		
LM10C	4000	5 [†]	30	80	—	50 [†]	H, J8, N8		
LM10CL	4000	5 [†]	30	80	—	50 [†]	H, J8, N8		
LM308A	500	5	7	60	0.1	30 [†]	H, N8	M	
LT318A	1000		250	200	50	42 [†]	H, J8, N8	M	High Speed, 15MHz
LM318	10000		500	25	50	42 [†]	H, J8, N8, S8	M	High Speed, 15MHz
OP-05C	1300	4.5	7	120	0.1	20	H, J8, N8	M	Low Noise, Low Offset Drift with Time
OP-05E	500	2.0	4	200	0.1	18	H, J8, N8	M	
OP-07C	150	1.8	7	120	0.1	20	H, J8, N8, S8	M	Low Initial Offset, Low Noise, Low Drift
OP-07E	75	1.3	4	200	0.1	18	H, J8, N8	M	
OP-15E	500	5	0.05	100	10	20 [†]	H, N8	M	Precision JFET Input, Low Bias Current, No Phase Reversal
OP-15F	1000	10	0.1	75	7.5	20 [†]	H, N8	M	
OP-15G	3000	15	0.2	50	5	20 [†]	H, N8	M	
OP-16E	500	5	0.05	100	18	20 [†]	H, N8	M	Precision JFET Input, High Speed, No Phase Reversal
OP-16F	1000	10	0.1	75	12	20 [†]	H, N8	M	
OP-16G	3000	15	0.2	50	9	20 [†]	H, N8	M	
OP-27E	25	0.6	40	1000	1.7	5.5	H, J8, N8	I	Very Low Noise, Unity Gain Stable
OP-27G	100	1.8	80	700	1.7	8.0	H, N8	I	
OP-37E	25	0.6	40	1000	11	5.5	H, J8, N8	I	Very Low Noise, Stable for Gains ≥ 5
OP-37G	100	1.8	80	700	11	8.0	H, N8	I	
OP-97E	25	0.6	±0.1	300	0.1	30	H, N8	M	Low Power, Low I _B , Precision
DUAL									
LT1002AC	60	0.9	3.0	400	0.15	20	J, N	M	Dual, Matched LT1001 High CMRR, PSRR Matching
LT1002C	100	1.3	4.5	350	0.15	20	J, N	M	
LT1013AC	150	2.0	20	1500	0.2	24 [†]	H, J8	M	Precision Dual Op Amp in 8-Pin Package
LT1013C	300	2.5	30	1200	0.2	24 [†]	H, J8, N8	M, I	
LT1013D	800	5.0	30	1200	0.2	24 [†]	N8, S8		
LT1024AC	50	1.5	0.12	250	0.1	33	N	M	Low V _{OS} , Low Power, Matching Specs
LT1024C	100	2.0	0.20	180	0.1	33	N	M	
LTC1047C	10	0.01	0.02	1000	0.2 [†]	0.8mVp-p ^{**}	N8, S		No External Capacitors Required
LTC1051C	5	0.05	0.05	1000	4 [†]	0.4μVp-p ^{**}	J8, N8, S	M, I	Dual, Precision Auto Zeroed Op Amp
LT1057AC	450	7	0.05	150	10	26 [†]	H, J8	M	Low Offset JFET Input Multiple Op Amps Combine High Speed and Excellent DC Specs
LT1057ACN8	450	10	0.05	150	10	26 [†]	N8		
LT1057C	800	12	0.075	100	8	26 [†]	H, J8	M, I	
LT1057CN8	800	16	0.075	100	8	26 [†]	N8, S8	I	
LT1078AC	70	2.0	8	250	0.07 [†]	40	H, J8, N8	M	
LT1078C	120	2.5	10	200	0.07 [†]	29 [†]	H, J8, N8, S8	M, I	Micropower, Precision, Single Supply, Low Noise Dual
LT1112A	60	0.50	0.25	1000	0.16	15 [†]	J8, N8, S8	M, I	Low Power, Precision, Matching Specs, C-Load Op Amp
LT1112C	75	0.75	0.28	800	0.16	15 [†]	J8, N8, S8	M, I	
LT1113AC	1500	15	0.45	1200	2.5	17 [†]	N8, J8, S8	M, I	Dual Low Noise, Precision JFET Input
LT1113C	1800	20	0.48	1000	2.5	17 [†]	N8, J8, S8	M, I	
LT1124AC	70	1	55	2000	3	5.5	N	M, I	
LT1124C	100	1.5	70	1500	2.7	5.5	J, N, S	M, I	Dual Precision Op Amp, Low Noise, High Speed

Selection Guides

[†] Typical spec * 100Hz noise ** DC to 1Hz noise **NOTE:** See page 4-3 for DESC cross reference numbers