AD708 Data Sheet Limit Change

Data Sheet Specification Comparison

REV D

Data Sheet AD708

SPECIFICATIONS

At 25°C and ±15 V dc, unless otherwise noted.

Table 1.

Parameter	Conditions	AD708J/AD708A Min[1]	Typ	Max[1]	AD708B Min[1]	Typ	Max[1]	AD708S Min[1]	Typ	Max[1]	Unit
INPUT OFFSET VOLTAGE[2]			30	**100**		5	**50**		5	**30**	µV
	T_{MIN} to T_{MAX}		50	150		15	65		15	50	µV
Drift			0.3	1.0		0.1	0.4		0.1	0.3	µV/°C
Long Term Stability			0.3			0.3			0.3		µV/month
INPUT BIAS CURRENT			1.0	**2.5**		0.5	**1.0**		0.5	**1**	nA
	T_{MIN} to T_{MAX}		2.0	4.0		1.0	**2.0**		1.0	**4**	nA
Average Drift			15	40		10	25		10	30	pA/°C
OFFSET CURRENT	V_{CM} = 0 V		0.5	**2.0**		0.1	**1.0**		0.1	**1**	nA
	T_{MIN} to T_{MAX}		2.0	4.0		0.2	1.5		0.2	**1.5**	nA
Average Drift			2	60		1	25		1	25	pA/°C
MATCHING CHARACTERISTICS[3]											
Offset Voltage				**80**			50			**30**	µV
	T_{MIN} to T_{MAX}			150			75			**50**	µV
Offset Voltage Drift				1.0			0.4			**0.3**	µV/°C

REV E

Data Sheet AD708

SPECIFICATIONS

50 uV

2nA

At 25°C and ±15 V dc, unless otherwise noted.

Table 1.

Parameter	Conditions	AD708J/AD708A Min[1]	Typ	Max[1]	AD708B Min[1]	Typ	Max[1]	AD708S Min[1]	Typ	Max[1]	Unit
INPUT OFFSET VOLTAGE[2]			30	**100**		5	**50**		5	**30**	µV
	T_{MIN} to T_{MAX}		50	150		15	65		15	50	µV
Drift			0.3	1.0		0.1	0.4		0.1	0.3	µV/°C
Long Term Stability			0.3			0.3			0.3		µV/month
INPUT BIAS CURRENT			1.0	**2.5**		0.5	**1.0**		0.5	**1**	nA
	T_{MIN} to T_{MAX}		2.0	4.0		1.0	**2.0**		1.0	**4**	nA
Average Drift			15	40		10	25		10	30	pA/°C
OFFSET CURRENT	V_{CM} = 0 V		0.5	**2.0**		0.1	**1.0**		0.1	**1**	nA
	T_{MIN} to T_{MAX}		2.0	4.0		0.2	1.5		0.2	**1.5**	nA
Average Drift			2	60		1	25		1	25	pA/°C
MATCHING CHARACTERISTICS[3]											
Offset Voltage				**80**			50			**30**	µV
	T_{MIN} to T_{MAX}			150			75			**50**	µV
Offset Voltage Drift				1.0			0.4			**0.3**	µV/°C