

# Input bias > 1 nA

	Sec	Offset volt. (max)	Offset Drift (max)	Input bias current (max)	Input offset current (max)	Input noise voltage	Input noise current	Supply current per amp	Supply voltage (max)	Rail to Rail or delta + delta -	Unity gain band width	Slew rate	Unity gain stable	Case	Price (euro)
<b>OP1177</b> <b>OP2177</b> <b>OP4177</b>	1 2 4	60 uV	0.7 uV/C	2 nA	1 nA	8 nV/sqHz	0.2 pA/sqHz	400 uA	+/- 15V	1V / 1V	1.3 MHz	0.7 V/uS	yes	dip 8 dip 8 dip14	2 3 8
<b>LF351</b> <b>LF353</b>	1 2	10 mV	10 uV/C	20 nA	100 nA	15 nV/sqHz	0.01 pA/sqHz	1.5 mA	+/- 15V	1.5V / 1.5V	4 MHz	16 V/uS	yes	dip 8 dip 8	0.6 0.4
<b>MAX427</b>	1	50 uV	0.8 uV/C	60 nA	50 nA	2.5 nV/sqHz	0.6 pA/sqHz	2.5 mA	+/- 15V	1.5V / 1.5V	8 MHz	2.8 V/uS	yes	dip 8	4
<b>NE5534</b> <b>NE5532</b>	1 2	4 mV		2 uA	300 nA	4 nV/sqHz	0.6 pA/sqHz	4 mA	+/- 3V to +/- 20V	2V / 2V	10 MHz	13 V/uS	<b>NO</b>	dip 8 dip 8	1 0.5
<b>LM833</b>	2	5 mV	2 uV/C	1 uA	200 nA	4.5 nV/sqHz	0.7 pA/sqHz	2.5 mA	+/- 18V	1.5V / 1.5V	10 MHz	7 V/uS	yes	dip 8	0.5
<b>MAX477</b>	1	1 mV	2 uV/C	1 uA	200 nA	5 nV/sqHz	2 pA/sqHz	8mA	+/- 6V	1.5V / 1.5V	120 MHz	1100 V/uS	yes	dip8	7
<b>LM358</b> <b>LM324</b>	2 4	5 mV	7 uV/C	200 nA	50 nA			250 uA	3 to 32V	1.5V/ GND	1 MHz		yes	soic dip	0.3 0.3
<b>TS971</b> <b>TS972</b> <b>TS974</b>	1 2 4	1 mV	5 uV/C	1 uA	150 nA	4 nV/sqHz	---	2 mA	2.7 to 10	R/R	12 MHz	2.8 V/uS	yes	soic soic dip8	0.5 0.5 0.5
<b>TS461</b> <b>TS462</b> <b>TS464</b>	1 2 4	1 mV	5 uV/C	1 uA	150 nA	4 nV/sqHz	---	2 mA	2.7 to 10	R/R	12 MHz	2.8 V/uS	???	soic soic dip8	0.5 0.6 0.7

## Input bias 100 to 900 pA

	Sec	Offset volt. (max)	Offset Drift (max)	Input bias current (max)	Input offset current (max)	Input noise voltage	Input noise current	Supply current per amp	Supply voltage (max)	Rail to Rail or delta + delta -	Unity gain band width	Slew rate	Unity gain stable	Case	Price (euro)
<b>TL061</b> <b>TL062</b> <b>TL064</b>	1 2 4	10 mV	18 uV/C	200 pA	200 pA	42 nV/sqHz	0.01 pA/sqHz	0.2 mA	+/- 15V	1.5V / 1.5V	1 MHz	3.5 V/uS	yes	dip 8 dip 8 dip 14	0.5 0.5 0.5
<b>TL071</b> <b>TL072</b> <b>TL074</b>	1 2 4	9 mV	18 uV/C	200 pA	1 nA	18 nV/sqHz	0.01 pA/sqHz	1.5 mA	+/- 15V	1.5V / 1.5V	3 MHz	13 V/uS	yes	dip 8 dip 8 dip 14	0.5 0.5 0.5
<b>TL081</b> <b>TL082</b> <b>TL084</b>	1 2 4	6 mV	18 uV/C	200 pA	2 nA	25 nV/sqHz	0.01 pA/sqHz	1.5 mA	+/- 15V	1.5V / 1.5V	3 MHz	13 V/uS	yes	dip 8 dip 8 dip 14	0.5 0.5 0.6
<b>MAX 4470</b> <b>MAX 4471</b> <b>MAX 4472</b>	1 2 4	7 mV		200pA	12pA	150 nV/sqHz		750 nA	1.8 to 5.5	R/R	9 KHz		yes	sot23-5 sot23-8 soic 14	0.6 ? ?
<b>MCP601</b> <b>MCP602</b>	1 2	4.5 mV	2.5 uV/C	100pA	1pA	28 nV/sqHz	0.6 fA/sqHz	230 uA	2.7 to 6	R/R (output only)	2.8 MHz	2.3 V/uS	yes	sot23-5 (single) or soic	0.25 0.50
<b>MCP6401</b> <b>MCP6402</b>	1	4.5 mV	2 uV/C	100pA	1pA	28 nV/sqHz	0.6 fA/sqHz	45 uA	1.8 to 6	R/R	1 MHz	0.5 V/uS	yes	sot23-5 (single) or soic	0.30 0.40
<b>MCP6041</b> <b>MCP6042</b>	1	3 mV	2 uV/C	100pA	1pA	170 nV/sqHz	0.6 fA/sqHz	600 nA	1.4 to 6	R/R	14 KHz	3 V/mS	yes	sot23-5 (single) or soic	0.50 0.70
<b>LT6013</b> <b>LT6014</b>	1 2	25 uV	1 uV/C	250pA	100pA	9.5nV/sqHz(1k) 16nV/sqHz(1)	0.15 pA/sqHz	145 uA	2.7 to 36	R/R (out)	1.4 MHz	0.2 V/uS	Av > 5	soic8	1.5 3

# Input bias 1 to 10 pA

	Sec	Offset volt. (max)	Offset Drift (max)	Input Cap. (pF)	Input bias current	Input offset current	Input noise voltage	Input noise current	Supply current per amp	Supply voltage (max)	Rail to Rail or delta + delta -	Unity gain band width	Slew rate	Unity gain stable	Case	Price (euro)
<b>OPA354</b> <b>OPA2354</b> <b>OPA4354</b>	1 2 4	2 mV	4 uV/C	2 pF	3 pA	1 pA	6.5 nV/sqHz	50 fA/sqHz	4.9 mA	2.2 to 5.5 single	R/R	250 MHz	150 V/uS	yes	sot23 soic soic	2.5 2.5 3.5
<b>OPA365</b> <b>OPA2365</b>	1 2	100 uV	1 uV/C	2 pF	0.2 pA	0.2 pA	4.5 nV/sqHz	4 fA/sqHz	4.6 mA	2.2 to 5.5 single	R/R	50 MHz	25 V/uS	yes	sot23 soic	2 2
<b>OPA705</b> <b>RS</b> <b>660-9934</b>	1	500 uV	4 uV/C	4 pF	1 pA	0.5 pA	45 nV/sqHz	2.5 fA/sqHz	160 uA	4 to 12 single	R/R	1 MHz	0.6 V/uS	yes	sot23-5 soic e dip8	1.8
<b>TLC2272</b> <b>TLC2274</b>	2 4	950 uV	2 uV/C	8 pF	1pA	0.5 pA	9 nV/sqHz	0.6 fA/sqHz	1.1 mA	4 to 16 single	R/R	2.2 MHz	3.6 V/uS	yes	dip e soic	1.5 1.8
<b>MAX 4475</b> <b>MAX 4476</b> <b>MAX 4477</b> <b>MAX 4478</b>	1 1 2 4	350 uV	6 uV/C	10 pF	1pA	1pA	4.5 nV/sqHz	0.5 fA/sqHz	2.2 mA	2.7 to 5.5	R/R	10 MHz	3 V/uS	yes	sot23-6 sot23-6 soic 8 soic 14	1 1 2 ?
<b>MCP6021</b> <b>MCP6022</b> <b>MCP6024</b>	1 2 4	250 uV	3.5 uV/C	??	1 pA	0.1 pA	8.7nVsq Hz(1k) 200nVs qhz(1)	3 fA/sqHz	1 mA	2.5 to 5.5 V	R/R	10 MHz	7 V/uS	yes	sot23-5 soic8/14 dip8/14	1 1 2

