

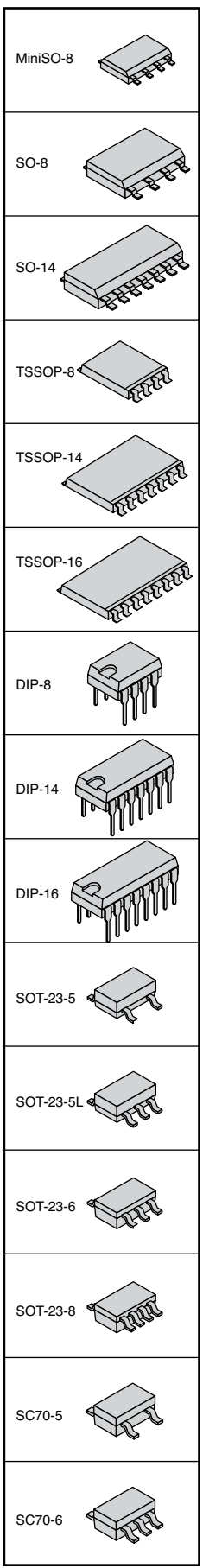
# STMicroelectronics Operational Amplifiers



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Amplifier ICs

STMicroelectronics



## STMicroelectronics PRECISION OPERATIONAL AMPLIFIERS

For quantities of 250 and up, call for quote.

MOUSER STOCK NO.	STM Part No.	Package Type	Single, Dual, Quad	Input Offset Voltage (mV) (Max)	Input Bias Current (Max)	Gain Bandwidth Product (MHz) (Typ)	Slew Rate (V/uS) (Typ)	Supply Voltage (V) (Max)	Supply Current (mA) (Max)	Temp. Range (°C)	Price Each		
											1	10	100
<b>Surface Mount</b>													
511-TS9222IPT	TS9222IPT	TSSOP-8	S	0.5	55nA	4	1.3	12	1.2	-40 to +125			
511-TS9511ILT	TS9511ILT	SOT-23-5	S	0.8	70nA	3	1	14	1.3	-40 to +125			
<b>Thru Hole</b>													
511-OP07CN	OP07CN	DIP-8	S	0.15	7nA	0.50	0.17	±22	5.00	-40 to +105			
511-UA748CN	UA748CN	DIP-8	S	7.5	50nA	1.00	0.50	±22	3.00	0 to +70			

## STMicroelectronics PROGRAMMABLE OPERATIONAL AMPLIFIERS

<b>Thru Hole</b>													
511-LM346N	LM346N	DIP-16	Q	5.0	250nA	1.00	0.50	±22	2.00	0 to +70			

## STMicroelectronics RAIL-TO-RAIL FULL CMOS OPERATIONAL AMPLIFIERS

<b>Surface Mount</b>													
511-TSV611AICT	TSV611AICT	SC-70-5	S	0.8	10pA	0.1	0.03	6	12.5	-40 to +85			
511-TSV611AILT	TSV611AILT	SOT-23-5	S	0.8	10pA	0.1	0.03	6	12.5	-40 to +85			
511-TSV612AIDT	TSV612AIDT	SO-8	S	0.8	10pA	0.1	0.03	6	12.5	-40 to +85			
511-TS912BID	TS912BID	SO-8	D	2.0	100pA	1.00	0.80	18	0.35	-40 to +125			
511-TSV611ICT	TSV611ICT	SC-70-5	S	4.0	10pA	0.1	0.03	6	12.5	-40 to +85			
511-TSV611ILT	TSV611ILT	SOT-23-5	S	4.0	10pA	0.1	0.03	6	12.5	-40 to +85			
511-TSV612IDT	TSV612IDT	SO-8	S	4.0	10pA	0.1	0.03	6	12.5	-40 to +85			
511-TSV612IST	TSV612IST	MiniSO-8	S	4.0	10pA	0.1	0.03	6	12.5	-40 to +85			
511-TSV620ICT	TSV620ICT	SC-70-6	S	4.0	10pA	340	0.11	6	33	-40 to +125			
511-TSV620ILT	TSV620ILT	SOT-23-6	S	4.0	10pA	340	0.11	6	33	-40 to +125			
511-TSV622ILT	TSV622ILT	SOT-23-8	S	4.0	10pA	340	0.155	6	33	-40 to +125			
511-TS912AIDT	TS912AIDT	SO-8	D	7.0	150pA	0.80	+0.4/-0.3	18	0.30	-40 to +125			
511-TS912ID	TS912ID	SO-8	D	10.0	100pA	1.00	0.80	18	0.35	-40 to +125			
511-TS914ID	TS914ID	SO-14	Q	10.0	150pA	0.90	+0.8/-0.5	18	0.35	-40 to +125			
<b>Thru Hole</b>													
511-TS912IN	TS912IN	DIP-8	D	10.0	100pA	1.00	0.80	18	0.35	-40 to +125			

## STMicroelectronics RAIL-TO-RAIL HIGH OUTPUT CURRENT OPERATIONAL AMPLIFIERS

<b>Surface Mount</b>													
511-TS922AID	TS922AID	SO-8	D	0.9	100nA	4.00	1.30	14	3.00	-40 to +125			
511-TS924AID	TS924AID	SO-14	Q	0.9	100nA	4.00	1.30	14	7.00	-40 to +125			
511-TS922ID	TS922ID	SO-8	D	3.0	100nA	4.00	1.30	14	3.00	-40 to +125			
511-TS922IPT	TS922IPT	TSSOP-8	D	3.0	100nA	4.00	1.30	14	3.00	-40 to +125			
511-TS924ID	TS924ID	SO-14	Q	3.0	100nA	4.00	1.30	14	7.00	-40 to +125			
511-TS924IPT	TS924IPT	TSSOP-14	Q	3.0	100nA	4.00	1.30	14	7.00	-40 to +125			
<b>Thru Hole</b>													
511-TS922IN	TS922IN	DIP-8	D	3.0	100nA	4.00	1.30	14	3.00	-40 to +125			
511-TS924IN	TS924IN	DIP-14	Q	3.0	100nA	4.00	1.30	14	7.00	-40 to +125			

## STMicroelectronics RAIL-TO-RAIL LOW POWER OPERATIONAL AMPLIFIERS

<b>Surface Mount</b>													
511-TSV632ILT	TSV632ILT	SOT-23-8	S	3.0	10pA	790	0.27	6	66	-40 to +125			
511-TS1851IL	TS1851ILT	SOT-23-5L	S	3.0	50nA	0.48	0.18	7	0.17	-40 to +125			
511-TS1852ID	TS1852ID	SO-8	D	3.0	50nA	0.48	0.18	7	0.17	-40 to +125			
511-TS461CL	TS461CLT	SOT-23-5L	S	5.0	750nA	10.00	4.00	12	2.80	-20 to +70			
511-TS462CD	TS462CD	SO-8	D	5.0	750nA	10.00	4.00	12	2.80	-20 to +70			
511-TS464CD	TS464CD	SO-14	Q	5.0	750nA	10.00	4.00	12	2.80	-20 to +70			
511-TS9511IL	TS9511ILT	SOT-23-5L	S	6.0	100nA	3.00	1.00	12	1.30	-40 to +125			
511-TS952ID	TS952ID	SO-8	D	6.0	100nA	3.00	1.00	12	1.30	-40 to +125			
511-TS952IPT	TS952IPT	TSSOP-8	D	6.0	100nA	3.00	1.00	12	1.30	-40 to +125			
511-TS954ID	TS954ID	SO-14	Q	6.0	100nA	3.00	1.00	12	1.30	-40 to +125			
<b>Thru Hole</b>													
511-TS952IN	TS952IN	DIP-8	D	6.0	100nA	3.00	1.00	12	1.30	-40 to +125			

## STMicroelectronics RAIL-TO-RAIL MICROPOWER OPERATIONAL AMPLIFIERS

<b>Surface Mount</b>													
511-TSV6294AIPT	TSV6294AIPT	TSSOP-14	Q	0.8	10pA	1.1	0.33	6	33	-40 to +125			
511-TSV6295AIPT	TSV6295AIPT	TSSOP-16	Q	0.8	10pA	1.1	0.33	6	33	-40 to +125			
511-TSV6394AIPT	TSV6394AIPT	TSSOP-14	Q	0.8	10pA	2	0.7	6	62	-40 to +125			
511-TSV6395AIPT	TSV6395AIPT	TSSOP-16	Q	0.8	10pA	2	0.7	6	62	-40 to +125			
511-TSV6394IPT	TSV6394IPT	TSSOP-14	Q	3.0	10pA	2	0.7	6	62	-40 to +125			
511-TSV6395IPT	TSV6395IPT	TSSOP-16	Q	3.0	10pA	2	0.7	6	62	-40 to +125			
511-TSV6294IPT	TSV6294IPT	TSSOP-14	Q	4.0	10pA	1.1	0.33	6	33	-40 to +125			
511-TSV6295IPT	TSV6295IPT	TSSOP-16	Q	4.0	10pA	1.1	0.33	6	33	-40 to +125			
511-TS9411IL	TS9411ILT	SOT-23-5L	S	10.0	150pA	0.01	4.00	12	2.00	-40 to +85			
511-TS942ID	TS942ID	SO-8	D	10.0	150pA	0.01	4.00	12	2.00	-40 to +85			
511-TS9311IL	TS9311ILT	SOT-23-5L	S	10.0	150pA	0.10	50.00	12	31.00	-40 to +85			