

运算放大器/比较器			
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运算放大器			
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运算放大器

通用

接地检测运算放大器																		
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix		
BA2904/BA2904S	2	3 to 36	0.5	2.0	20	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.2	0.5	-40 to +125/ -40 to +105	SOP8	F		
															SSOP-B8	FV		
															MSOP8	FVM		
BA2904Y	2	3 to 36	0.5	2.0	20	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.2	0.5	-40 to +125	SOP8	F-LB		
BA2902/BA2902S	4	3 to 36	0.7	2.0	20	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.2	0.5	-40 to +125/ -40 to +105	SOP14	F		
															SSOP-B14	FV		
BA2902Y	4	3 to 36	0.7	2.0	20	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.2	0.5	-40 to +125	SOP14	F-LB		
BA3404	2	4 to 36	2.0	2.0	70	30	V_{EE} to $V_{CC}-2.0$	V_{EE} to $V_{CC}-2.0$	100	90	94	1.2	1.2	-40 to +85	SOP8	F		
															MSOP8	FVM		
LM2902	4	3 to 32	1.0	1.0	20	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.3	0.8	-40 to +125	SOP14	F		
															SOP-J14	FJ		
															SSOP-B14	FV		
															TSSOP-B14J	FVJ		
LM2904	2	3 to 32	0.6	1.0	20	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.3	0.8	-40 to +125	SOP8	F		
															SOP-J8	FJ		
															SSOP-B8	FV		
															TSSOP-B8J	FVJ		
															MSOP8	FVM		
															TSSOP-B8	FVT		
LM324	4	3 to 32	1.0	1.0	20	30	V_{EE} to $V_{CC}-1.5$	$V_{EE}+0.01$ to $V_{CC}-1.5$	100	80	100	0.3	0.8	-40 to +85	SOP14	F		
															SOP-J14	FJ		
															SSOP-B14	FV		
															TSSOP-B14J	FVJ		
LM358	2	3 to 32	0.6	1.0	20	30	V_{EE} to $V_{CC}-1.5$	$V_{EE}+0.01$ to $V_{CC}-1.5$	100	80	100	0.3	0.8	-40 to +85	SOP8	F		
															SOP-J8	FJ		
															SSOP-B8	FV		
															TSSOP-B8J	FVJ		
															MSOP8	FVM		
															TSSOP-B8	FVT		
车载用接地检测运算放大器																		
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BA2904Y	2	3 to 36	0.5	2.0 (Max: 3.5)	20 (Max: 60)	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.2	0.5	-40 to +125	SOP8	F-C	FSs	YES
															SSOP-B8	FV-C	FSs	YES
															MSOP8	FVM-C	FSs	YES
BA2902Y	4	3 to 36	0.7	2.0 (Max: 3.8)	20 (Max: 60)	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.2	0.5	-40 to +125	SOP14	F-C	FSs	YES
															SSOP-B14	FV-C	FSs	YES
BA2904Y	2	3 to 36	0.5	2.0 (Max: 7.0)	20 (Max: 250)	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.2	0.5	-40 to +125	SOP8	F-M	FSs	YES
															SSOP-B8	FV-M	FSs	YES
															MSOP8	FVM-M	FSs	YES
BA2902Y	4	3 to 36	0.7	2.0 (Max: 7.0)	20 (Max: 250)	30	V_{EE} to $V_{CC}-1.5$	V_{EE} to $V_{CC}-1.5$	100	80	100	0.2	0.5	-40 to +125	SOP14	F-M	FSs	YES
														SSOP-B14	FV-M	FSs	YES	

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*1 "ComfySIL™ 功能安全类别" 的详情请参阅封二。

通用

车载用高EMI耐受力接地检测运算放大器(EMARMOUR™ 系列)

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
LM2904EY	2	3 to 36	0.6	2.0	20	30	V_{EE} to $V_{CC-1.5}$	V_{EE} to $V_{CC-1.5}$	100	80	100	0.2	0.5	-40 to +150	SOP8	F-C	FSs	YES
															SOP-J8	FJ-C	FSs	YES
															MSOP8	FVM-C	FSs	YES
BA82904Y	2	3 to 36	0.5	2.0	20	30	V_{EE} to $V_{CC-1.5}$	V_{EE} to $V_{CC-1.5}$	100	80	100	0.2	0.5	-40 to +125	SOP8	F-C	FSs	YES
															MSOP8	FVM-C	FSs	YES
BA82902Y	4	3 to 36	0.7	2.0	20	30	V_{EE} to $V_{CC-1.5}$	V_{EE} to $V_{CC-1.5}$	100	80	100	0.2	0.5	-40 to +125	SOP14	F-C	FSs	YES
															SOP-J14	FJ-C	FSs	YES
															SSOP-B14	FV-C	FSs	YES
															TSSOP-B14J	FVJ-C	FSs	YES

车载用高EMI耐受力输入输出轨到轨运算放大器(EMARMOUR™ 系列)

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BD87581Y	1	4 to 14	2.3	1	0.001	3.5	V_{SS} to V_{DD}	$V_{SS}+0.03$ to $V_{DD}-0.05$	110	60	80	3.5	4	-40 to +125	SSOP5	G-C	FSs	YES
BD87582Y	2	4 to 14	5	1	0.001	3.5	V_{SS} to V_{DD}	$V_{SS}+0.03$ to $V_{DD}-0.05$	110	60	80	3.5	4	-40 to +125	MSOP8	FVM-C	FSs	YES
BD87584Y	4	4 to 14	10	1	0.001	3.5	V_{SS} to V_{DD}	$V_{SS}+0.03$ to $V_{DD}-0.05$	110	60	80	3.5	4	-40 to +125	SSOP-B14	FV-C	FSs	YES
New BD87554Y	4	4 to 15	7.9	1	0.001	9.3	V_{SS} to V_{DD}	$V_{SS}+0.03$ to $V_{DD}-0.05$	110	80	90	2.4	2	-40 to +125	SSOP-B14	FV-C	FSs	YES

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*1 "ComfySIL™ 功能安全类别" 详情请参阅封二。

EMARMOUR™ 系列实现了超高级别的抗噪量。
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高速

输入输出轨到轨运算放大器

Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
BU7261/ BU7261S	1	1.8 to 5.5	250	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	1.1	2.0	-40 to +85/ -40 to +105	SSOP5	G
BU7262/ BU7262S	2	1.8 to 5.5	550	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	1.1	2.0	-40 to +85/ -40 to +105	SOP8	F
															MSOP8	FVM
BU7264/ BU7264S	4	1.8 to 5.5	1,100	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	1.1	2.0	-40 to +85/ -40 to +105	SOP14	F
															SSOP-B14	FV
BU7291/ BU7291S	1	2.4 to 5.5	470	1.0	0.001	8	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	105	60	80	3.0	2.8	-40 to +85/ -40 to +105	SSOP5	G
BU7294/ BU7294S	4	2.4 to 5.5	2,000	1.0	0.001	8	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	105	60	80	3.0	2.8	-40 to +85/ -40 to +105	SOP14	F
SSOP-B14	FV															
BU7295/ BU7295S	1	1.8 to 5.5	150	1.0	0.001	8	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	1.0	1.0	-40 to +85/ -40 to +105	HVSOF5	HFV
BU7255/ BU7255S	1	2.4 to 5.5	540	1.0	0.001	4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	105	60	80	3.4	4.0	-40 to +85/ -40 to +105	HVSOF5	HFV
BD7561/ BD7561S	1	5.0 to 14.5	440	1.0	0.001	8	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.9	1.0	-40 to +85/ -40 to +105	SSOP5	G
BD7562/ BD7562S	2	5.0 to 14.5	900	1.0	0.001	8	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.9	1.0	-40 to +85/ -40 to +105	SOP8	F
															MSOP8	FVM

车载用输入输出轨到轨运算放大器

Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
BU7264Y	4	1.8 to 5.5	1,100	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	1.1	2.0	-40 to +125	SSOP-B14	FV-C

接地检测运算放大器

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
BA3472	2	3 to 36	4.0	1.0	100	30	V_{EE} to $V_{CC-2.0}$	$V_{EE}+0.3$ to $V_{CC-1.0}$	100	97	97	10.0	4.0	-40 to +85	SOP8	F
															SSOP-B8	FV
															SOP-J8	FJ
BA3472R																
BA3472Y																
BA3474	4	3 to 36	8.0	1.0	100	30	V_{EE} to $V_{CC-2.0}$	$V_{EE}+0.3$ to $V_{CC-1.0}$	100	97	97	10.0	4.0	-40 to +85	SOP8	F-LB
															SOP14	F
															SSOP-B14	FV
															TSSOP-B14J	FVJ
BA3474R																
BU7461/ BU7461S	1	1.7 to 5.5	0.15	1.0	0.001	8	V_{SS} to $V_{DD-1.2}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	1.0	1.0	-40 to +85/ -40 to +105	SSOP5	G
BU7462/ BU7462S	2	1.7 to 5.5	0.3	1.0	0.001	8	V_{SS} to $V_{DD-1.2}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	1.0	1.0	-40 to +85/ -40 to +105	SOP8	F
															MSOP8	FVM
SSOP-B14	FV															
BU7464/ BU7464S	4	1.7 to 5.5	0.6	1.0	0.001	8	V_{SS} to $V_{DD-1.2}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	1.0	1.0	-40 to +85/ -40 to +105	SOP14	F
BU7465/ BU7465S	1	1.7 to 5.5	0.12	1.0	0.001	8	V_{SS} to $V_{DD-1.2}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	100	60	80	1.0	1.2	-40 to +85/ -40 to +105	HVSOF5	HFV
BU7481/ BU7481S	1	1.8 to 5.5	0.42	1.0	0.001	8	V_{SS} to $V_{DD-1.2}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	105	60	80	3.2	2.8	-40 to +85/ -40 to +105	SSOP5	G
BU7485/ BU7485S	1	3.0 to 5.5	1.5	1.0	0.001	8	V_{SS} to $V_{DD-1.4}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	105	60	80	10.0	10.0	-40 to +85/ -40 to +105	SSOP5	G
BU7486/ BU7486S	2	3.0 to 5.5	3.0	1.0	0.001	8	V_{SS} to $V_{DD-1.4}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	105	60	80	10.0	10.0	-40 to +85/ -40 to +105	SOP8	F
SSOP-B8	FV															
MSOP8	FVM															
BU7487/ BU7487S	4	3.0 to 5.5	6.0	1.0	0.001	8	V_{SS} to $V_{DD-1.4}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	105	60	80	10.0	10.0	-40 to +85/ -40 to +105	SOP14	F
SSOP-B14	FV															
BU7495/ BU7495S	1	1.8 to 5.5	0.65	1.0	0.001	7	V_{SS} to $V_{DD-1.2}$	$V_{SS}+0.1$ to $V_{DD}-0.1$	100	60	80	5.0	4.0	-40 to +85/ -40 to +105	HVSOF5	HFV

车载用接地检测运算放大器																		
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature ($^{\circ}$ C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BA3472Y/ BA3472W	2	3 to 36	4.0	1.0 (Max: 10.0)/ 1.0 (Max: 7.5)	100	30	V_{EE} to $V_{CC}-2.0$	$V_{EE}+0.3$ to $V_{CC}-1.0$	100	97	97	10	4.0	-40 to +125	SOP8/-	F-C	FSs	YES
															SSOP-B8	FV-C		YES
															MSOP8/-	FVM-C		YES
BA3474Y/ BA3474W	4	3 to 36	8.0	1.0 (Max: 10.0)/ 1.0 (Max: 7.5)	100	30	V_{EE} to $V_{CC}-2.0$	$V_{EE}+0.3$ to $V_{CC}-1.0$	100	97	97	10	4.0	-40 to +125	SSOP-B14	FV-C	-/FSs	YES
															SSOP-B14			YES

车载用高EMI耐受力接地检测运算放大器 (EMARMOUR™ 系列)																		
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature ($^{\circ}$ C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BA83472Y	2	3 to 36	4.3	1	100	30	V_{EE} to $V_{CC}-2.0$	$V_{EE}+0.3$ to $V_{CC}-1.0$	100	97	97	8.5	3	-40 to +125	SOP8	F-C	FSs	YES
BA83474Y	4	3 to 36	8.6	1	100	30	V_{EE} to $V_{CC}-2.0$	$V_{EE}+0.3$ to $V_{CC}-1.0$	100	97	97	8.5	3	-40 to +125	SSOP-B14	FV-C	FSs	YES

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*1 "ComfySIL™ 功能安全类别" 的详情请参阅封二。

 EMARMOUR™系列实现了超高级别的抗噪量。
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低消耗电流

输入输出轨到轨运算放大器																		
Part No.	ch	Supply Voltage (V)	Circuit Current (μ A)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature ($^{\circ}$ C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BU7205/ BU7205S	1	1.8 to 5.5	0.4	1.0	0.001	1.2	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.0025	0.0025	-40 to +85/ -40 to +105	HVSOF5	HFV		
BU7241/ BU7241S	1	1.8 to 5.5	70	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.4	0.9	-40 to +85/ -40 to +105	SSOP5	G		
BU7242/ BU7242S	2	1.8 to 5.5	180	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.4	0.9	-40 to +85/ -40 to +105	SOP8	F	VSON008X2030	YES
															MSOP8	FVM		YES
															SSOP-B14	FV		YES
BU7244/ BU7244S	4	1.8 to 5.5	360	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.4	0.9	-40 to +85/ -40 to +105	SOP14	F		
BU7245/ BU7245S	1	1.8 to 5.5	5	1.0	0.001	4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.035	0.09	-40 to +85/ -40 to +105	HVSOF5	HFV		
BU7265/ BU7265S	1	1.8 to 5.5	0.35	1.0	0.001	2.4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.0024	0.004	-40 to +85/ -40 to +105	SSOP5	G		
BU7266/ BU7266S	2	1.8 to 5.5	0.7	1.0	0.001	2.4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.0024	0.004	-40 to +85/ -40 to +105	SOP8	F		
BU7266/ BU7266S	2	1.8 to 5.5	0.7	1.0	0.001	2.4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.0024	0.004	-40 to +85/ -40 to +105	SSOP-B8	FV		
BU7266/ BU7266S	2	1.8 to 5.5	0.7	1.0	0.001	2.4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.0024	0.004	-40 to +85/ -40 to +105	MSOP8	FVM		
BU7271/ BU7271S	1	1.8 to 5.5	8.6	1.0	0.001	4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	100	60	80	0.05	0.09	-40 to +85/ -40 to +105	SSOP5	G		
BU7275/ BU7275S	1	1.8 to 5.5	40	1.0	0.001	8	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.3	0.6	-40 to +85/ -40 to +105	HVSOF5	HFV		
BD12730	1	1.8 to 5.5	320	1.0	50	5	GND to V_{+}	0.1 to $V_{+}-0.1$	85	70	85	0.4	1.0	-40 to +85	SSOP5	G		
BD12732	2	1.8 to 5.5	580	1.0	50	5	GND to V_{+}	0.1 to $V_{+}-0.1$	85	70	85	0.4	1.0	-40 to +85	SOP8	F		YES
															SOP-J8	FJ		YES
															SSOP-B8	FV		YES
															TSSOP-B8J	FVJ		YES
															MSOP8	FVM		YES
															TSSOP-B8	FVT		YES
BD12734	4	1.8 to 5.5	1,200	1.0	50	5	GND to V_{+}	0.1 to $V_{+}-0.1$	85	70	85	0.4	1.0	-40 to +85	SOP14	F		
BD12734	4	1.8 to 5.5	1,200	1.0	50	5	GND to V_{+}	0.1 to $V_{+}-0.1$	85	70	85	0.4	1.0	-40 to +85	SOP-J14	FJ		
BD12734	4	1.8 to 5.5	1,200	1.0	50	5	GND to V_{+}	0.1 to $V_{+}-0.1$	85	70	85	0.4	1.0	-40 to +85	SSOP-B14	FV		
BD12734	4	1.8 to 5.5	1,200	1.0	50	5	GND to V_{+}	0.1 to $V_{+}-0.1$	85	70	85	0.4	1.0	-40 to +85	TSSOP-B14J	FVJ		
BD7541/ BD7541S	1	5.0 to 14.5	180	1.0	0.001	4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.3	0.6	-40 to +85/ -40 to +105	SSOP5	G		
BD7542/ BD7542S	2	5.0 to 14.5	400	1.0	0.001	4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.3	0.6	-40 to +85/ -40 to +105	SOP8	F		
BD7542/ BD7542S	2	5.0 to 14.5	400	1.0	0.001	4	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.3	0.6	-40 to +85/ -40 to +105	MSOP8	FVM		
LMR931	1	1.8 to 5.0	80	1.0	5	28	V_{SS} to V_{DD}	$V_{SS}+0.04$ to $V_{DD}-0.05$	100	94	85	0.4	1.4	-40 to +85	SSOP5	G		
LMR932	2	1.8 to 5.0	135	1.0	5	28	V_{SS} to V_{DD}	$V_{SS}+0.04$ to $V_{DD}-0.05$	100	94	85	0.4	1.4	-40 to +85	SOP8	F		YES
															SOP-J8	FJ		YES
															SSOP-B8	FV		YES
															TSSOP-B8J	FVJ		YES
															MSOP8	FVM		YES
															TSSOP-B8	FVT		YES
LMR934	4	1.8 to 5.0	250	1.0	5	28	V_{SS} to V_{DD}	$V_{SS}+0.04$ to $V_{DD}-0.05$	100	94	85	0.4	1.4	-40 to +85	SOP14	F		
LMR934	4	1.8 to 5.0	250	1.0	5	28	V_{SS} to V_{DD}	$V_{SS}+0.04$ to $V_{DD}-0.05$	100	94	85	0.4	1.4	-40 to +85	SOP-J14	FJ		
LMR934	4	1.8 to 5.0	250	1.0	5	28	V_{SS} to V_{DD}	$V_{SS}+0.04$ to $V_{DD}-0.05$	100	94	85	0.4	1.4	-40 to +85	SSOP-B14	FV		
LMR934	4	1.8 to 5.0	250	1.0	5	28	V_{SS} to V_{DD}	$V_{SS}+0.04$ to $V_{DD}-0.05$	100	94	85	0.4	1.4	-40 to +85	TSSOP-B14J	FVJ		
LMR981	1	1.8 to 5.0	80	1.0	5	28	V_{SS} to V_{DD}	$V_{SS}+0.04$ to $V_{DD}-0.05$	100	94	85	0.4	1.4	-40 to +85	SSOP6	G		
LMR982	2	1.8 to 5.0	135	1.0	5	28	V_{SS} to V_{DD}	$V_{SS}+0.04$ to $V_{DD}-0.05$	100	94	85	0.4	1.4	-40 to +85	MSOP10	FVM		

低消耗电流

接地检测运算放大器																
Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
BU7411/ BU7411S	1	1.6 to 5.5	0.35	1.0	0.001	2.4	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.0024	0.004	-40 to +85/ -40 to +105	SSOP5	G
BU7421/ BU7421S	1	1.7 to 5.5	8.5	1.0	0.001	4	V_{SS} to $V_{DD}-1.2$	$V_{SS}+0.1$ to $V_{DD}-0.1$	100	60	80	0.05	0.09	-40 to +85/ -40 to +105	SSOP5	G
BU7441/ BU7441S	1	1.7 to 5.5	50	1.0	0.001	6	V_{SS} to $V_{DD}-1.2$	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.3	0.6	-40 to +85/ -40 to +105	SSOP5	G
BU7442/ BU7442S	2	1.7 to 5.5	100	1.0	0.001	6	V_{SS} to $V_{DD}-1.2$	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.3	0.6	-40 to +85/ -40 to +105	SOP8	F
															MSOP8	FVM
															VSON008X2030	NUX
BU7444S	4	1.7 to 5.5	200	1.0	0.001	6	V_{SS} to $V_{DD}-1.2$	$V_{SS}+0.1$ to $V_{DD}-0.1$	95	60	80	0.3	0.6	-40 to +85/ -40 to +105	SOP14	F
BU7445/ BU7445S	1	1.7 to 5.5	40	1.0	0.001	8	V_{SS} to $V_{DD}-1.2$	$V_{SS}+0.1$ to $V_{DD}-0.1$	100	60	80	0.25	0.4	-40 to +85/ -40 to +105	HVSOF5	HFV
BU7475/ BU7475S	1	1.7 to 5.5	9	1.0	0.001	7	V_{SS} to $V_{DD}-1.2$	$V_{SS}+0.1$ to $V_{DD}-0.1$	100	60	80	0.05	0.1	-40 to +85/ -40 to +105	HVSOF5	HFV
BD1321	1	2.7 to 5.5	130	0.1	15	70	V_{EE} to $V_{CC}-0.8$	$V_{EE}+0.08$ to $V_{CC}-0.04$	110	90	90	1.0	3.0	-40 to +85	SSOP5	G
LMR321	1	2.7 to 5.5	130	0.1	15	70	V_{EE} to $V_{CC}-0.8$	$V_{EE}+0.08$ to $V_{CC}-0.04$	110	90	90	1.0	3.0	-40 to +85	SSOP5	G
LMR324	4	2.7 to 5.5	410	1.0	15	70	V_{EE} to $V_{CC}-0.8$	$V_{EE}+0.08$ to $V_{CC}-0.04$	110	90	90	1.0	3.0	-40 to +85	SOP14	F
															SOP-J14	FJ
															SSOP-B14	FV
															TSSOP-B14J	FVJ
LMR341	1	2.7 to 5.5	100	0.25	0.001	24	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.06$ to $V_{DD}-0.06$	103	80	85	1.0	2.0	-40 to +85	SSOP6	G
LMR342	2	2.7 to 5.5	200	0.25	0.001	24	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.06$ to $V_{DD}-0.06$	103	80	85	1.0	2.0	-40 to +85	SOP8	F
															SOP-J8	FJ
															SSOP-B8	FV
															TSSOP-B8J	FVJ
															MSOP8	FVM
															TSSOP-B8	FVT
LMR344	4	2.7 to 5.5	400	0.25	0.001	24	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.06$ to $V_{DD}-0.06$	103	80	85	1.0	2.0	-40 to +85	SOP14	F
															SOP-J14	FJ
															TSSOP-B14J	FVJ
LMR358	2	2.7 to 5.5	210	0.1	15	70	V_{EE} to $V_{CC}-0.8$	$V_{EE}+0.08$ to $V_{CC}-0.04$	110	90	90	1.0	3.0	-40 to +85	SOP8	F
															SOP-J8	FJ
															SSOP-B8	FV
															TSSOP-B8J	FVJ
															MSOP8	FVM
															TSSOP-B8	FVT
LMR821	1	2.5 to 5.5	280	1.0	30	16	V_{SS} to $V_{DD}-0.9$	$V_{SS}+0.12$ to $V_{DD}-0.1$	100	85	85	2.0	5.0	-40 to +85	SSOP5	G
LMR822	2	2.5 to 5.5	560	1.0	30	16	V_{SS} to $V_{DD}-0.9$	$V_{SS}+0.12$ to $V_{DD}-0.1$	100	85	85	2.0	5.0	-40 to +85	SOP8	F
															SOP-J8	FJ
															SSOP-B8	FV
															TSSOP-B8J	FVJ
															MSOP8	FVM
TSSOP-B8	FVT															
LMR824	4	2.5 to 5.5	1,120	1.0	30	16	V_{SS} to $V_{DD}-0.9$	$V_{SS}+0.12$ to $V_{DD}-0.1$	100	85	85	2.0	5.0	-40 to +85	SOP14	F
															SOP-J14	FJ
															TSSOP-B14J	FVJ
TLR341	1	1.8 to 5.5	70	0.3	0.001	8	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.055$ to $V_{DD}-0.05$	100	90	95	1.2	2.2	-40 to +85	SSOP6	G
TLR342	2	1.8 to 5.5	150	0.3	0.001	8	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.055$ to $V_{DD}-0.05$	100	85	95	1.0	1.2	-40 to +85	SOP8	F
															SOP-J8	FJ
															TSSOP-B8J	FVJ
															TSSOP-B8	FVT
TLR344	4	1.8 to 5.5	300	0.3	0.001	8	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.055$ to $V_{DD}-0.05$	100	90	95	1.2	2.2	-40 to +85	SOP14	F
															SOP-J14	FJ
															TSSOP-B14J	FVJ

车载用输入输出轨到轨运算放大器																		
Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BU7241Y	1	1.8 to 5.5	70	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.05$ to $V_{DD}-0.05$	100	70	80	0.4	1.0	-40 to +125	SSOP5	G-C	FSs	YES
BU7242Y	2	1.8 to 5.5	180	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.05$ to $V_{DD}-0.05$	100	70	80	0.4	1.0	-40 to +125	MSOP8	FVM-C	FSs	YES
BU7244Y	4	1.8 to 5.5	360	1.0	0.001	10	V_{SS} to V_{DD}	$V_{SS}+0.05$ to $V_{DD}-0.05$	100	70	80	0.4	1.0	-40 to +125	SSOP-B14	FV-C	FSs	YES

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*1 "ComfySIL™ 功能安全类别" 的详情请参阅封二。

低噪声

输出轨到轨运算放大器																
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Input Referred Noise Voltage (μ Vrms)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
BA4510	2	± 1 to ± 3.5	5.0	1.0	80	0.7	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+0.1$ to $V_{CC}-0.1$	90	80	80	5.0	10.0	-20 to +75	SOP8	F
														-40 to +75	SSOP-B8	FV
BA2107	1	± 1 to ± 7	1.8	1.0	150	0.9	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+0.1$ to $V_{CC}-0.1$	80	74	80	4.0	12.0	-40 to +85	SSOP5	G
BA2115	2	± 1 to ± 7	3.5	1.0	150	0.9	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+0.1$ to $V_{CC}-0.1$	80	74	80	4.0	12.0	-40 to +85	SOP8	F
														-40 to +85	MSOP8	FVM

车载用运算放大器																		
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Input Referred Noise Voltage (μ Vrms)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BA4558Y	2	± 4 to ± 15	3.0	0.5	60	1.8	$V_{EE}+1.0$ to $V_{CC}-1.0$	$V_{EE}+1.0$ to $V_{CC}-1.0$	100	90	90	1.0	2.0	-40 to +105	SOP8	F-M	FSs	YES
															SSOP-B8	FV-M	FSs	YES
															MSOP8	FVM-M	FSs	YES
BA4560Y	2	± 4 to ± 15	3.0	0.5	50	1.0	$V_{EE}+1.0$ to $V_{CC}-1.0$	$V_{EE}+1.0$ to $V_{CC}-1.0$	100	90	90	4.0	4.0	-40 to +105	SOP8	F-M	FSs	YES
															SSOP-B8	FV-M	FSs	YES
															MSOP8	FVM-M	FSs	YES
BA4580Y	2	± 2 to ± 16	6.0	0.3	100	0.8	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+1.5$ to $V_{CC}-1.5$	110	110	110	5.0	10.0	-40 to +105	SOP8	F-M	FSs	YES
														-40 to +105	MSOP8	FVM-M	FSs	YES
BA4584Y	4	± 2 to ± 16	11.0	0.3	100	0.8	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+1.5$ to $V_{CC}-1.5$	110	110	110	5.0	10.0	-40 to +105	SSOP-B14	FV-M	FSs	YES
														-40 to +105	SSOP-B14	FV-M	FSs	YES

双电源运算放大器																
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Input Referred Noise Voltage (μ Vrms)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
BA4558/ BA4558R	2	± 4 to ± 15	3.0	0.5	60	1.8	$V_{EE}+1.0$ to $V_{CC}-1.0$	$V_{EE}+1.0$ to $V_{CC}-1.0$	100	90	90	1.0	2.0	-40 to +85/ -40 to +105	SOP8	F
															SOP-J8	FJ
															SSOP-B8	FV
															MSOP8	FVM
BA4560/ BA4560R	2	± 4 to ± 15	4.0	0.5	50	1.0	$V_{EE}+1.0$ to $V_{CC}-1.0$	$V_{EE}+1.0$ to $V_{CC}-1.0$	100	90	90	4.0	10.0	-40 to +85/ -40 to +105	SOP8	F
															SOP-J8	FJ
															SSOP-B8	FV
															MSOP8	FVM
BA4564R	4	± 4 to ± 15	6.0	0.5	50	1.0	$V_{EE}+1.0$ to $V_{CC}-1.0$	$V_{EE}+1.0$ to $V_{CC}-1.0$	100	90	90	4.0	4.0	-40 to +105	SSOP-B14	FV
BA15218	2	± 2 to ± 16	5.0	0.5	50	1.0	$V_{EE}+1.0$ to $V_{CC}-1.0$	$V_{EE}+2.0$ to $V_{CC}-2.0$	110	90	90	3.0	10.0	-40 to +85	SOP8	F
BA14741	4	± 2 to ± 18	3.0	1.0	60	2.0	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+2.5$ to $V_{CC}-2.5$	100	100	100	1.0	2.0	-40 to +85	SOP14	F
BA4580R	2	± 2 to ± 16	6.0	0.3	100	0.8	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+1.5$ to $V_{CC}-1.5$	110	110	110	5.0	5.0	-40 to +105	SOP8	F
															SOP-J8	FJ
															MSOP8	FVM
															TSSOP-B8	FVT
BA4584	4	± 2 to ± 16	12.0	0.3	100	0.8	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+1.5$ to $V_{CC}-1.5$	110	110	110	5.0	5.0	-40 to +85	SSOP-B14	FV
															SSOP-B14	FV
BA4584R	4	± 2 to ± 9.5	11.0	0.3	100	0.8	$V_{EE}+1.5$ to $V_{CC}-1.5$	$V_{EE}+1.5$ to $V_{CC}-1.5$	110	110	110	5.0	5.0	-40 to +105	SOP14	F
															SSOP-B14	FV
LM4559	2	± 4 to ± 18	3.3	0.5	40	0.7	$V_{EE}+2.0$ to $V_{CC}-2.0$	$V_{EE}+1.5$ to $V_{CC}-1.5$	110	100	100	3.5	4.0	-40 to +85	SOP8	F
															SOP-J8	FJ
															SSOP-B8	FV
															TSSOP-B8	FVT
															MSOP8	FVM
LM4565	2	± 4 to ± 18	4.5	0.5	70	0.6	$V_{EE}+1.0$ to $V_{CC}-1.0$	$V_{EE}+1.0$ to $V_{CC}-1.0$	100	100	100	5.0	10.0	-40 to +85	SOP8	F
															SOP-J8	FJ
															SSOP-B8	FV
															TSSOP-B8	FVT
															MSOP8	FVM

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*1 "ComfySIL™ 功能安全类别" 的详情请参阅封二。

低偏置电压

双电源运算放大器																
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
BA4564W	4	± 4 to ± 15	6.0	0.5	50	25	$V_{EE}+1.0$ to $V_{CC}-1.0$	$V_{EE}+1.0$ to $V_{CC}-1.0$	100	90	90	4.0	4.0	-40 to +105	SSOP-B14	FV

输入输出轨到轨运算放大器																
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
BD5291	1	1.7 to 5.5	0.65	0.1	0.001	6	V_{SS} to V_{DD}	$V_{SS}+0.1$ to $V_{DD}-0.1$	110	90	90	2.5	3.2	-40 to +85	SSOP5	G
															VSO5	FVE

高性能

超低噪声接地检测运算放大器																	
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (μ V)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Input Referred Noise Voltage (nV/ \sqrt{Hz})	Operating Temperature (°C)	Package	Part No. Suffix
LMR1801	1	2.2 to 5.5	0.95	5 (Max: 900)	0.0005	3.5	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.05$ to $V_{DD}-0.05$	140	100	125	2.5	6.0	5.0	-40 to +125	SSOP5	G-LB
LMR1802	1	2.5 to 5.5	1.1	5 (Max: 450)	0.0005	3.5	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.05$ to $V_{DD}-0.05$	140	105	125	1.1	3.0	2.9	-40 to +125	SSOP5	HFV-LB
LMR1803	1	2.2 to 5.5	1.0	5 (Max: 150)	0.0005	3.5	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.05$ to $V_{DD}-0.05$	140	100	110	2.5	6.0	5.0	-40 to +125	SSOP5	G-LB

高精度输入/输出轨到轨CMOS运算放大器																
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (μ V)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/ μ s)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
New TLR377	1	2.5 to 5.5	0.585	1.7 (Max: 1500)	0.0005	50	V_{SS} to V_{DD}	$V_{SS}+0.015$ to $V_{DD}-0.025$	137	100	95	2	4	-40 to +125	HVSO5	HFV-LB

New

高性能

高速接地检测运算放大器

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
LMR1701	1	2.7 to 5.5	9.6	1	0.0026	200	V_{SS} to $V_{DD}-0.9$	$V_{SS}+0.1$ to $V_{DD}-0.1$	120	80	86	80	150	-40 to +125	SSOP6	G-LB

高EMI耐受力 高速接地检测运算放大器(EMARMOUR™ 系列)

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix
Nano BD77501	1	7 to 15	1.3	4	0.001	7.5	V_{SS} to $V_{DD}-2.0$	$V_{SS}+0.25$ to $V_{DD}-0.25$	75	70	70	10	8	-40 to +85	SSOP5	G
Nano BD77502	2	7 to 15	2.6	4	0.001	7.5	V_{SS} to $V_{DD}-2.0$	$V_{SS}+0.25$ to $V_{DD}-0.25$	75	70	70	10	8	-40 to +85	MSOP8	FVM
Nano BD77504	4	7 to 15	5.2	4	0.001	7.5	V_{SS} to $V_{DD}-2.0$	$V_{SS}+0.25$ to $V_{DD}-0.25$	75	70	70	10	8	-40 to +85	SSOP-B14	FV

车载用超低噪声接地检测运算放大器

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (μV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Input Referred Noise Voltage (nV/√Hz)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
LMR1801Y	1	2.2 to 5.5	0.95	5 (Max: 950)	0.0005	3.5	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.05$ to $V_{DD}-0.05$	140	100	110	2.5	6.0	5	-40 to +125	SSOP5	G-C	FSs	YES
LMR1802Y	1	2.5 to 5.5	1.1	5 (Max: 450)	0.0005	3.5	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.05$ to $V_{DD}-0.05$	140	105	125	1.1	4.4	2.9	-40 to +125	SSOP5	G-C	FSs	YES
New LMR1803Y	1	2.2 to 5.5	1	5 (Max: 150)	0.0005	3.5	V_{SS} to $V_{DD}-1.0$	$V_{SS}+0.003$ to $V_{DD}-0.007$	140	100	110	2.5	6	5	-40 to +125	SSOP5	G-C	FSs	YES

车载用低噪声输入输出轨到轨高速运算放大器

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Input Referred Noise Voltage (nV/√Hz)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
Nano BD7281Y	1	2.2 to 5.5	1.7	0.01 (Max: 2)	0.0005	50	V_{SS} to V_{DD}	$V_{SS}+0.010$ to $V_{DD}-0.010$	115	100	100	10	7	12	-40 to +125	SSOP5	G-C	FSs	YES

车载用高精度输入/输出轨到轨运算放大器

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (μV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
TLR376Y	1	2.5 to 5.5	0.645	1.7 (Max: 550)	0.0005	50	V_{SS} to V_{DD}	$V_{SS}+0.015$ to $V_{DD}-0.025$	137	100	95	2	4	-40 to +125	SSOP5	G-C	FSs	YES
TLR377Y	1	2.5 to 5.5	0.645	1.7 (Max: 1300)	0.0005	50	V_{SS} to V_{DD}	$V_{SS}+0.015$ to $V_{DD}-0.025$	137	100	95	2	4	-40 to +125	SSOP5	G-C	FSs	YES
TLR2376Y	2	2.5 to 5.5	1.245	1.7 (Max: 550)	0.0005	50	V_{SS} to V_{DD}	$V_{SS}+0.015$ to $V_{DD}-0.025$	137	100	95	2	4	-40 to +125	MSOP8	FVM-C	FSs	YES
TLR2377Y	2	2.5 to 5.5	1.245	1.7 (Max: 1300)	0.0005	50	V_{SS} to V_{DD}	$V_{SS}+0.015$ to $V_{DD}-0.025$	137	100	95	2	4	-40 to +125	MSOP8	FVM-C	FSs	YES
New TLR4376Y	4	2.5 to 5.5	2.49	1.7 (Max: 550)	0.0005	50	V_{SS} to V_{DD}	$V_{SS}+0.015$ to $V_{DD}-0.025$	137	100	95	2	4	-40 to +125	SSOP-B14	FV-C	FSs	YES
New TLR4377Y	4	2.5 to 5.5	2.49	1.7 (Max: 1300)	0.0005	50	V_{SS} to V_{DD}	$V_{SS}+0.015$ to $V_{DD}-0.025$	137	100	95	2	4	-40 to +125	SSOP-B14	FV-C	FSs	YES

车载用高速接地检测运算放大器

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Output Voltage (V)	Voltage Gain (dB)	CMRR (dB)	PSRR (dB)	Slew Rate (V/μs)	Gain Bandwidth Product (MHz)	Operating Temperature (°C)	Package	Part No. Suffix	Automotive Grade AEC-Q100
LMR1701Y	1	2.7 to 5.5	9.6	1	0.0026	200	V_{SS} to $V_{DD}-0.9$	$V_{SS}+0.1$ to $V_{DD}-0.1$	120	80	86	80	150	-40 to +125	SSOP6	G-C	YES

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比较器

通用

集电极开路比较器

Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix
BA2901/BA2901S	4	2 to 36	0.8	2	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125/ -40 to +105	SOP14 SSOP-B14	F FV
BA2901Y	4	2 to 36	0.8	2	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125	SOP14	F-LB
BA2903/BA2903S	2	2 to 36	0.6	2	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125/ -40 to +105	SOP8 SSOP-B8	F FV
BA2903Y	2	2 to 36	0.6	2	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125	MSOP8	FVM
BA8391	1	2 to 36	0.3	2	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +85	SOP8	F-LB
LM2901	4	3 to 32	1.2	1	50	16	V_{EE} to $V_{CC}-1.5$	120	1.0	-40 to +125	SOP14	F
											SOP-J14	FJ
											SSOP-B14	FV
LM2903	2	3 to 32	0.6	1	50	16	V_{EE} to $V_{CC}-1.5$	120	1.0	-40 to +125	TSSOP-B14J	FVJ
											SOP8	F
											SOP-J8	FJ
											SSOP-B8	FV
											TSSOP-B8J	FVJ
MSOP8	FVM											
LM339	4	3 to 32	1.2	1	50	16	V_{EE} to $V_{CC}-1.5$	120	1.0	-40 to +85	SOP14	F
											SOP-J14	FJ
											SSOP-B14	FV
LM393	2	3 to 32	0.6	1	50	16	V_{EE} to $V_{CC}-1.5$	120	1.0	-40 to +85	TSSOP-B14J	FVJ
											SOP8	F
											SOP-J8	FJ
											SSOP-B8	FV
											TSSOP-B8J	FVJ
MSOP8	FVM											
											TSSOP-B8	FVT

车载用集电极开路比较器														
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BA2903Y	2	2 to 36	0.6	2 (Max: 4)	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125	SOP8	F-C	FSs	YES
											SSOP-B8	FV-C	FSs	YES
											MSOP8	FVM-C	FSs	YES
BA2901Y	4	2 to 36	0.8	2 (Max: 4)	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125	SOP14	F-C	FSs	YES
											SSOP-B14	FV-C	FSs	YES
											MSOP8	FVM-M	FSs	YES
BA2903Y	2	2 to 36	0.6	2 (Max: 7)	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125	SOP8	F-M	FSs	YES
											SSOP-B8	FV-M	FSs	YES
											MSOP8	FVM-M	FSs	YES
BA2901Y	4	2 to 36	0.8	2 (Max: 7)	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125	SOP14	F-M	FSs	YES
											SSOP-B14	FV-M	FSs	YES

车载用高EMI耐受力集电极开路比较器(EMARMOUR™ 系列)														
Part No.	ch	Supply Voltage (V)	Circuit Current (mA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BA82903Y	2	2 to 36	0.6	2	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125	SOP8	F-C	FSs	YES
											MSOP8	FVM-C	FSs	YES
											SOP14	F-C	FSs	YES
BA82901Y	4	2 to 36	0.8	2	50	16	V_{EE} to $V_{CC}-1.5$	100	1.3	-40 to +125	SSOP-B14	FV-C	FSs	YES
											SOP8	F-M	FSs	YES
											MSOP8	FVM-M	FSs	YES
LM2901EY	4	3 to 32	1.2	2	50	16	V_{EE} to $V_{CC}-1.5$	120	1.3	-40 to +150	SSOP-B14	FV-C	FSs	YES
LM2903EY	2	3 to 32	0.6	2	50	16	V_{EE} to $V_{CC}-1.5$	120	1.3	-40 to +150	SOP-J8	FJ-C	FSs	YES

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高速

推挽输出比较器												
Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix
BU7251/ BU7251S	1	1.8 to 5.5	15	1	0.001	6	V_{SS} to V_{DD}	90	0.55	-40 to +85/ -40 to +105	SSOP5	G
BU7252/ BU7252S	2	1.8 to 5.5	35	1	0.001	6	V_{SS} to V_{DD}	90	0.55	-40 to +85/ -40 to +105	SOP8 MSOP8	F FVM
BU5265/ BU5265S	1	1.8 to 5.5	22	1	0.001	3.5	V_{SS} to V_{DD}	90	0.5	-40 to +85/ -40 to +105	HVSOF5	HFV

漏极开路比较器												
Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix
BU7250/ BU7250S	1	1.8 to 5.5	15	1	0.001	6	V_{SS} to V_{DD}	90	0.75	-40 to +85/ -40 to +105	SSOP5	G
BU7253/ BU7253S	2	1.8 to 5.5	35	1	0.001	6	V_{SS} to V_{DD}	90	0.75	-40 to +85/ -40 to +105	SOP8	F

低消耗电流

推挽输出比较器												
Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix
BU7231/ BU7231S	1	1.8 to 5.5	5	1	0.001	6	V_{SS} to V_{DD}	90	1.7	-40 to +85/ -40 to +105	SSOP5	G
BU7232/ BU7232S	2	1.8 to 5.5	10	1	0.001	6	V_{SS} to V_{DD}	90	1.7	-40 to +85/ -40 to +105	SOP8 MSOP8	F FVM
BU5255/ BU5255S	1	1.8 to 5.5	6.5	1	0.001	3.5	V_{SS} to V_{DD}	90	1.6	-40 to +85/ -40 to +105	HVSOF5	HFV

车载用推挽输出比较器														
Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BU7232Y	2	1.8 to 5.5	10	1	0.001	7	V_{SS} to V_{DD}	100	1.7	-40 to +125	MSOP8	FVM-C	FSs	YES

漏极开路比较器												
Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix
BU7230/ BU7230S	1	1.8 to 5.5	5	1	0.001	6	V_{SS} to V_{DD}	90	1.8	-40 to +85/ -40 to +105	SSOP5	G
BU7233/ BU7233S	2	1.8 to 5.5	10	1	0.001	6	V_{SS} to V_{DD}	90	1.8	-40 to +85/ -40 to +105	SOP8	F

车载用漏极开路比较器														
Part No.	ch	Supply Voltage (V)	Circuit Current (μA)	Input Offset Voltage (mV)	Input Bias Current (nA)	Output Current (mA)	Input Voltage (V)	Voltage Gain (dB)	Response Time (μs)	Operating Temperature (°C)	Package	Part No. Suffix	ComfySIL™ Functional Safety*1	Automotive Grade AEC-Q100
BU7233Y	2	1.8 to 5.5	10	1	0.001	7	V_{SS} to V_{DD}	100	1.8	-40 to +125	SOP8	F-C	FSs	YES

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