

Standard Linear Products Cross-Reference

Including Amplifiers, Comparators, Timers, Peripheral Drivers,
Power Management Controllers, References, Regulators,
Supervisors, Shunts, Transmitters and Receivers



Standard Linear Products Cross-Reference

Introduction

This Standard Linear Products Cross-Reference for Buyers and Distribution Specialists will assist in finding a device made by Texas Instruments that is identical or similar to many of our competitors' standard linear products.

The Cross-Reference is divided into three sections. The first, titled *Standard Linear Cross-Reference by Device*, lists devices in alphanumeric order with the TI equivalent device following the competitor's device. Pin counts, available package types, available temperature ranges, and a usage code follow.

The second section lists devices (sorted alpha-numerically) by manufacturer.

The third section is a Packaging Information and Cross-Reference by Manufacturer.

Designers and others needing more comprehensive information about the full range of TI's advanced analog products should see the *Analog Master Selection Guide (SLYU001H)* for a complete analog product portfolio. Additional information concerning our advanced analog products can also be found on the Internet at:

analog.ti.com

Notice

The TI equivalent devices are designated by Usage Code indicating their degree of suitability as a replacement. Every effort was made to insure the accuracy of this information but Texas Instruments does not guarantee or warrant that the cross-reference information is correct in all cases.

There are four Usage Codes given:

- S** Exact equivalent
- Q** Same functionality but not an exact equivalent
- P** Same functionality but not pin-for-pin and/or parametrically equivalent
- F** Similar in functionality

This Cross-Reference includes primarily products with and "S" or "Q" designation except in a limited number of cases. These codes must be used as a guide only.

Important: Where so designated, Texas Instruments referenced devices are believed to be pin-for-pin electrically interchangeable. However, TI does not guarantee that interchangeability in a particular application is exact in all respects. Therefore, the applicable data sheets should be used to determine product interchangeability.



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Contents

Standard Linear Products Cross-Reference by Device	4
---	----------

Standard Linear Products Cross-Reference
by Device

Standard Linear Products Cross-Reference by Manufacturer	28
---	-----------

Standard Linear Products Cross-Reference
by Manufacturer

Packaging Information and Cross-Reference by Manufacturer	62
--	-----------

Packaging Information and Cross-Reference
by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
AD542	TLE2161	8	PDIP	0° to 70°C, -40° to 85°C	Q
AD544	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD546	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD547	TLE2161	8	PDIP	0° to 70°C, -40° to 85°C	Q
AD548	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD642	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD644	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD645	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD707	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
AD711	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD712	TLE2072, TLE2082	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD713	TLE2074, TLE2084	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD743	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD744	THS3001, TLE2141	8	SOP	0° to 70°C, -40° to 85°C	Q
AD746	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
AD795	TLE2161	8	PDIP	0° to 70°C, -40° to 85°C	Q
AD810	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
AD811	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
AD815	THS6012	20	SOP	0° to 70°C, -40° to 85°C	Q
AD816	THS6002	20	SOP	0° to 70°C, -40° to 85°C	Q
AD817	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD818	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD820	TLC2201	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD822	TLC2202	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD822	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
AD822	TLC277, TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD824	TLC2274, TLC279, TLC27M9	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
AD826	THS4042	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD828	THS4062	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD829	THS4031	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD842	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD844	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
AD846	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
AD8527	TLV2782	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
ADM1485	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
ADM211	SN75LBC241	28	SOP	0° to 70°C	Q
ADM232A	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
ADM232L	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ADM3311	SN75LV4737A	28	SSOP	0° to 70°C	P
ADM483E	SN75LBC184	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
ADM485	SN75176B, SN75ALS176, SN75LBC176, SN75ALS176A/B	8	PDIP, SOP	0° to 70°C	Q
ADM488	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
ADM489	SN75LBC180	14	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
AU2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
AU2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
AU2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
AU2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
CA0224	LM224/A	14	PDIP, SOP	-25° to 85°C	Q
CA0239	LM239	14	PDIP, SOP	-25° to 125°C	S
CA0258	LM258/A	8	PDIP, SOP	-25° to 85°C	S
CA0324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
CA0339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
CA0358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S

*Usage Codes: F=Similar in functionality; P=Same functionality but not pin-for-pin and/or parametrically equivalent; Q=Same functionality and pinout but not exact equivalent; S=Exact equivalent

Standard Linear Products Cross-Reference by Device

CA0358A—DS26LV32A

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
CA0358A	LM358A	8	PDIP, SOP	0° to 70°C	S
CA0741C	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
CA1458	MC1458	8	PDIP, SOP	0° to 70°C	S
CA1558	MC1558	8	PDIP, LCCC	-55° to 125°C	S
CA3130	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
CA3140	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
CA3160	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
CA3193	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
CA324	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
CA324	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
CA324	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
CA3240	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
CA3260	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
CA358	TLC272, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
CA5420	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
CA5470	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
CA741	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
CMP04	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS14185	GD75232, SN75C185	20	PDIP, SOP	0° to 70°C	Q
DS14185	SN75185	20	PDIP, SOP	0° to 70°C	S
DS14185	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
DS14185	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
DS14196	GD75323, SN75196	20	PDIP, SOP	0° to 70°C	Q
DS14196	SN75LP196	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
DS1488	SN75188	14	PDIP, SOP	0° to 70°C	Q
DS1489/A	MC1489/A, SN75189/A, SN75C189/A	14	PDIP, SOP	0° to 70°C	Q
DS14C232	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS14C232	SN75LBC241	28	SOP	0° to 70°C	Q
DS14C238	SN75186	24	SOP	0° to 70°C	F
DS14C535	SN75LV4737A	28	SSOP	0° to 70°C	Q
DS14C88	SN75C188	14	PDIP, SOP	0° to 70°C	Q
DS14C89	SN75C189	14	PDIP, SOP, SSOP	0° to 70°C	Q
DS14C89A	SN75C189A	14	PDIP, SOP, SSOP	0° to 70°C	Q
DS16F95	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	F
DS2003	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
DS26C31	AM26C31	16	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
DS26C31	AM26LS31	16	PDIP, SOP	0° to 70°C	Q
DS26C31	AM26LV31	16	PDIP, SOP	0° to 70°C	F
DS26C32A	AM26C32	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS26C32A	AM26LS32A	16	PDIP, SOP	0° to 70°C	Q
DS26C32A	AM26LV32	16	PDIP, SOP	0° to 70°C	F
DS26LS31	AM26C31	16	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
DS26LS31	AM26LS31	16	PDIP, SOP	0° to 70°C	Q
DS26LS31	AM26LV31	16	PDIP, SOP	0° to 70°C	F
DS26LS32	AM26C32	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS26LS32	AM26LS32A	16	PDIP, SOP	0° to 70°C	Q
DS26LS32	AM26LV32	16	PDIP, SOP	0° to 70°C	F
DS26LV31	AM26C31	16	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
DS26LV31	AM26LS31	16	PDIP, SOP	0° to 70°C	Q
DS26LV31	AM26LV31	16	PDIP, SOP	0° to 70°C	F
DS26LV32A	AM26C32	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS26LV32A	AM26LS32A	16	PDIP, SOP	0° to 70°C	Q
DS26LV32A	AM26LV32	16	PDIP, SOP	0° to 70°C	F

*Usage Codes: F=Similar in functionality; P=Same functionality but not pin-for-pin and/or parametrically equivalent; Q=Same functionality and pinout but not exact equivalent; S=Exact equivalent

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
DS3486	MC3486	16	PDIP, SOP	0° to 70°C	Q
DS3487	MC3487	16	PDIP, SOP	0° to 70°C	Q
DS34C86	MC3486	16	PDIP, SOP	0° to 70°C	Q
DS34C86	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS34C86	SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS34C87	MC3487	16	PDIP, SOP	0° to 70°C	Q
DS34C87	SN75LBC174	16, 20	PDIP, SOIC, SOP	0° to 70°C, -40° to 85°C	Q
DS36278	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS3680	DS3680	14	PDIP, SOP	0° to 70°C	S
DS3695/A	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS36C278	SN65LBC176	8	PDIP, SOP	-40° to 85°C, -40° to 125°C	Q
DS36C279	SN65LBC176	8	PDIP, SOP	-40° to 85°C, -40° to 125°C	Q
DS36F95	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS485	SN75176B, SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS75150	SN75150	8	PDIP, SOP	0° to 70°C	Q
DS75154	SN75154	16	PDIP, SOP	0° to 70°C	Q
DS75176	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS75176B	SN75176B	8	PDIP, SOP	0° to 70°C	Q
DS75361	SN75372	8	PDIP, SOP	0° to 70°C	Q
DS75365	SN75374	16	PDIP, SOP	0° to 70°C	Q
DS75451	SN75451B	14	PDIP, SOP	0° to 70°C	S
DS75452	SN75452B	14	PDIP, SOP	0° to 70°C	S
DS75453	SN75453B	14	PDIP, SOP	0° to 70°C	S
DS89C21	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS89C21	SN75LBC179	8	PDIP, SOP	0° to 70°C	Q
DS96172	SN75172, SN75ALS172A	16	PDIP	0° to 70°C	Q
DS96174	SN75174, SN75ALS174A	16	PDIP	0° to 70°C	Q
DS9636A	UA9636A	8	PDIP, SOP	0° to 70°C	Q
DS96F172	SN75172, SN75ALS172A	16	PDIP	0° to 70°C	Q
DS96F172	SN75LBC172	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS96F172	SN75LBC172	16, 20	PDIP, SOP	0° to 70°C	Q
DS96F173	SN75LBC173	16	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS96F173	SN75LBC173	16	PDIP, SOP	0° to 70°C	Q
DS96F174	SN75174, SN75ALS174A	16	PDIP	0° to 70°C	Q
DS96F174	SN75LBC174	16, 20	PDIP, SOIC, SOP	0° to 70°C, -40° to 85°C	Q
DS96F175	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS96F175	SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS96F176	SN75LBC176	8	PDIP, SOIC, SOP	0° to 70°C, -40° to 85°C	Q
GD75232	GD75232	20	PDIP, SOP	0° to 70°C	S
GD75232	SN75185, SN75C185	20	PDIP, SOP	0° to 70°C	Q
GD75232	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
GD75232	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
GD75323	GD75323	20	PDIP, SOP	0° to 70°C	S
GD75323	SN75196	20	PDIP, SOP	0° to 70°C	Q
GD75323	SN75LP196	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
HA16118	TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
HA16119	TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
HA2500	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2500	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2502	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2502	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2505	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2505	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2510	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Device

HA2510—ICL3222

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
HA2510	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2512	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2512	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2515	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2515	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2539	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2540	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2541	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA2542	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA2544	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA258	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2600	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2602	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2605	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2705	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2839	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2840	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2841	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA2842	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA2850	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA358	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
HA4741	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5101	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5102	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5104	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5111	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5112	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5114	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5127	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5130	TLE2027, TLE2141	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5134	TLE2024, TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA5135	TLE2027, TLE2141	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5137	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5142	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5144	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA5170	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA5177	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5195	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA5232	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5234	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HD29C3486	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
HD29C3487	SN75LBC174	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
HIN211/E	SN75LBC241	28	SOIC	0° to 70°C	Q
HIN232	MAX232	16	PDIP, SOIC	0° to 70°C, -40° to 85°C	S
HIN232E	MAX232	16	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
HIN241/E	SN75LBC241	28	SOIC	0° to 70°C	Q
HT6571	GD75232	20	PDIP, SOP	0° to 70°C	S
HT6571	SN75185, SN75C185	20	PDIP, SOP	0° to 70°C	Q
HT6571	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
HT6571	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
ICL232	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	S
ICL3221	MAX3221	16	SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3221E	MAX3221	16	SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3222	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S

*Usage Codes: F=Similar in functionality; P=Same functionality but not pin-for-pin and/or parametrically equivalent; Q=Same functionality and pinout but not exact equivalent; S=Exact equivalent

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ICL3222E	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3223	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3223E	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3232	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3232E	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3238	MAX3238	28	SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3238E	MAX3238	28	SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3241	SN75LV4737A	28	SSOP	0° to 70°C	P
ICL3243	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3243E	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7621	TLC25M2	8	PDIP, SOP, TSSOP	0° to 70°C	Q
ICL7621	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7641	TLC25M4	8, 14	PDIP, SOP, TSSOP	0° to 70°C	Q
ICL7641	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7641	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
ICL7642	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7650	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ICL7652	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ICL7652	TLC4502	8	SOP	0° to 70°C, -40° to 85°C	Q
ICM7555	NE555	8	PDIP, SOP	0° to 70°C	S
ICM7555	SA555	8	PDIP, SOP	-40° to 85°C	S
ICM7555	TLC551	8	PDIP, SOP	0° to 70°C	Q
ICM7555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICM7556	NE556	14	PDIP, SOP	0° to 70°C	S
ICM7556	SA556	14	PDIP, SOP	-40° to 85°C	S
JAN723	UA723	14	PDIP, SOP	0° to 70°C	P
KA1458/A	MC1458	8	PDIP, SOP	0° to 70°C	S
KA1458/A	MC1558	8	PDIP, LCCC	-55° to 125°C	S
KA224/A	LM224/A	14	PDIP, SOP	-25° to 85°C	S
KA236-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
KA239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	S
KA239A	LM239A	14	PDIP, SOP	-25° to 125°C	S
KA248	LM248	14	PDIP, SOP	-25° to 85°C	S
KA258/A	LM258/A	8	PDIP, SOP	-25° to 85°C	S
KA2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
KA293	LM293/A	8	PDIP, SOP	-25° to 85°C	S
KA293A	LM293A	8	SOP	-25° to 85°C	S
KA311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
KA317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	Q
KA324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
KA324A	LM324A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
KA3302	LM3302	14	PDIP, SOP	-40° to 85°C	S
KA3303	MC3303	14	PDIP, SOP	-40° to 85°C	S
KA336-2.5/-2.5B	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
KA337	LM337	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
KA339A	LM339A	14	PDIP, SOP	0° to 70°C	S
KA3403	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	S
KA348	LM348	14	PDIP, SOP	0° to 70°C	S
KA358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S

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Standard Linear Products Cross-Reference by Device

KA393/A—L78M06

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
KA393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
KA431	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
KA431	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
KA4558/A	RC4558	8	PDIP, SOP	0° to 70°C	S
KA5532	NE5532/A	8	PDIP	0° to 70°C	S
KA555	NE555	8	PDIP, SOP	0° to 70°C	S
KA555	SA555	8	PDIP, SOP	-40° to 85°C	S
KA556	NE556	14	PDIP, SOP	0° to 70°C	S
KA556	SA556	14	PDIP, SOP	-40° to 85°C	S
KA710	TL714	8	PDIP, SOP	0° to 70°C	P
KA723	UA723	14	PDIP, SOP	0° to 70°C	S
KA741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
KA7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78L05	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q
KA78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L12	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L15	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
KA7908	UA79M08	2	PowerFLEX	0° to 125°C	P
KA79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
KF347	LF347	14	PDIP, SOP	0° to 70°C	S
KF347/A	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
KF347A	LF347B	14	PDIP, SOP	0° to 70°C	S
KF351	TL071/A, TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
KF353	LF353	8	PDIP, SOP	0° to 70°C	S
KF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
L293B	L293	16	PDIP	0° to 70°C	Q
L293D	L293D	16	PDIP	0° to 70°C	Q
L387A	TPS7250	8	PDIP, SOP, TSSOP	-40° to 125°C	Q
L7805/A	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7808/A	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7812/A	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7815/A	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7824/A	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
L78L05/A	UA78L05/A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L06/A	UA78L06A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L08/A	UA78L08/A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L09/A	UA78L09/A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L12/A	UA78L12A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L15/A	UA78L15A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78M05	UA78M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
L78M06	UA78M06	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
L78M08	UA78M08	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
L78M09	UA78M09	2	PowerFLEX	0° to 125°C	P
L78M12	UA78M12	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
L78S05	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L78S10	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L78S12	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L78S15	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L78S24	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
L7908	UA79M08	2	PowerFLEX	0° to 125°C	P
L79L05/A	MC79L05A	3, 8	SOP, TO/SOT	0° to 125°C	S
L79L12/A	MC79L12/A	3, 8	SOP, TO/SOT	0° to 125°C	S
L79L15/A	MC79L15/A	3, 8	SOP, TO/SOT	0° to 125°C	S
LD1085 (ADJ, 2.5V, 2.85V, 3.3V, 5.5V)	TL3317 (Planned - ADJ, 2.5V, 2.85V, 3.3V, 5V)	3	TO/SOT	0° to 125°C	S
LD1086 (ADJ, 2.5V, 2.85V, 3.3V, 5.5V)	TL3317 (Planned - ADJ, 2.5V, 2.85V, 3.3V, 5V)	3	PowerFLEX	0° to 125°C	Q
LD1117 (ADJ, 2.5V, 3.3V)	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
LF147	TLE2074, TLE2084	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF247	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF251	TL071/A, TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF253	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347	LF347	14	PDIP, SOP	0° to 70°C	S
LF347	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF347	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
LF347B	LF347B	14	PDIP, SOP	0° to 70°C	S
LF351	TL071/A, TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF351	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF353	LF353	8	PDIP, SOP	0° to 70°C	S
LF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF353	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF353	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LF356	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF357	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF400	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF411	LF411	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LF411	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF411A	LF411	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF412	LF412	8	PDIP, SOP	0° to 70°C	S
LF412	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF412	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LF412A	LF412	8	PDIP, SOP	0° to 70°C	Q
LF441	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF441C	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF442	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF442/C	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF444	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF444/C	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF451	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF453	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF453	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Device

LK115—LM311B

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LK115	TPS7201, TPS7233, TPS7248, TPS7250	8	PDIP, SOP, TSSOP	-40° to 125°C	Q
LM1085	TL3317 (Planned - ADJ, 3.3V, 5.5V)	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM1117	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	Q
LM136-2.5	LT1009	3,8	SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
LM137	LM237	3	PowerFLEX, TO/SOT	-25° to 150°C	S
LM1458	MC1458	8	PDIP, SOP	0° to 70°C	S
LM1458	MC1458	8	PDIP, SOP	0° to 70°C	S
LM1458	MC1558	8	PDIP, LCCC	-55° to 125°C	S
LM1458	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LM1458/A	MC1458	8	PDIP, SOP	0° to 70°C	S
LM1458/A	MC1558	8	PDIP, LCCC	-55° to 125°C	S
LM1577	TPS6734	8	PDIP, SOP	-40° to 85°C	Q
LM211	LM211	8	PDIP, SOP	-40° to 85°C	P
LM211	LM211	8	PDIP, SOP	-40° to 85°C	S
LM224/A	LM224/A	14	PDIP, SOP	-25° to 85°C	S
LM224/A	LM224/A	14	PDIP, SOP	-25° to 85°C	P
LM236-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
LM236A-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	Q
LM237	LM237	3	PowerFLEX, TO/SOT	-25° to 150°C	S
LM239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	S
LM239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	P
LM248	LM248	14	PDIP, SOP	-25° to 85°C	P
LM248	LM248	14	PDIP, SOP	-25° to 85°C	S
LM2524D	SG2524	16	PDIP, SOP	-25° to 85°C	Q
LM2577	TPS6734	8	PDIP, SOP	-40° to 85°C	Q
LM258	LM258/A	8	PDIP, SOP	-25° to 85°C	S
LM258/A	LM258/A	8	PDIP, SOP	-25° to 85°C	P
LM258/A	LM258/A	8	PDIP, SOP	-25° to 85°C	S
LM285	LM285-1.2/-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM285-1.2	LM285-1.2	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM285-2.5	LM285-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM2900	LM2900	14	PDIP, SOP	-40° to 85°C	S
LM2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2901	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LM2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM293	LM293/A	8	PDIP, SOP	-25° to 85°C	S
LM293	LM293/A	8	PDIP, SOP	-25° to 85°C	P
LM2930 (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2930 (8V)	TL750L08	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2931/A (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2931A (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2931A (5V)	TL751L05	8	PDIP, SOP	0° to 125°C	Q
LM2931B (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2931B (5V)	TL751L05	8	PDIP, SOP	0° to 125°C	Q
LM2937-3.3	TLV2217-33	2, 3, 20	PowerFLEX, TO/SOT, TSSOP	0° to 125°C	P
LM293A	LM293A	8	SOP	-25° to 85°C	P
LM293A	LM293A	8	SOP	-25° to 85°C	S
LM301A	TL080	8	PDIP, SOP	0° to 70°C	Q
LM308/A	TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LM311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM311B	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	Q

*Usage Codes: F=Similar in functionality; P=Same functionality but not pin-for-pin and/or parametrically equivalent; Q=Same functionality and pinout but not exact equivalent; S=Exact equivalent

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LM317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM317	LM317M	2	PowerFLEX	0° to 125°C	P
LM317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	S
LM317M	LM317M	2	PowerFLEX	0° to 125°C	P
LM318	LM318	8	PDIP, SOP	0° to 70°C	S
LM324	LM324/LM324K	14	PDIP, SOP, TSSOP	0° to 70°C	S
LM324	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LM324	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LM324A	LM324A/LM324KA	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM330	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	S
LM3302	LM3302	14	PDIP, SOP	-40° to 85°C	S
LM336-2.5/-2.5B	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
LM337/B	LM337	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LM339A	LM339A	14	PDIP, SOP	0° to 70°C	S
LM340 (12V)	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340 (15V)	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340 (5V)	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340A (12V)	UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM340A (15V)	UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM340A (5V)	UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM348	LM348	14	PDIP, SOP	0° to 70°C	S
LM349	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
LM3524D	SG3524	16	PDIP, SOP	0° to 70°C	Q
LM353	LF353	8	PDIP, SOP	0° to 70°C	S
LM353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM358	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM358	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LM358	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM358	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LM358A	LM358A	8, 14	PDIP, SOP	0° to 70°C	S
LM385, LM385-1.2, LM385B-1.2	LM385-1.2	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM385-2.5, LM385B-2.5	LM385-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM3900	LM3900	14	PDIP, SOP	0° to 70°C	S
LM393	TLC393	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM3940	TLV2217-33	2, 3, 20	PowerFLEX, TO/SOT, TSSOP	0° to 125°C	Q
LM4040 (2.5V)	LT1004-2.5	3, 8	SOP, TO/SOT	0° to 70°C, -40° to 85°C	P
LM431	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	Q
LM431/A	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
LM431A	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
LM431B	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
LM431C	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	Q
LM431C	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	Q
LM4480	TPA102	8	MSOP	-40° to 85°C	Q
LM4481	TPA102	8	MSOP	-40° to 85°C	Q
LM4860	TPA4860	16	SOP	-40° to 85°C	S
LM4861	TPA4861	8	SOP	-40° to 85°C	S
LM4864	TPA301	8	MSOP	-40° to 85°C	Q
LM4871	TPA4861	8	SOP	-40° to 85°C	Q
LM4871	TPA701	8	MSOP	-40° to 85°C	Q
LM4880	TPA122	8	MSOP	-40° to 85°C	Q

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Standard Linear Products Cross-Reference by Device

LM4880—LMC6034

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LM4880	TPA152	8	SOP	-40° to 85°C	Q
LM4881	TPA102, TPA122	8	MSOP	-40° to 85°C	Q
LM555	NE555	8	PDIP, SOP	0° to 70°C	S
LM555	NE555, SA555	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LM555	SA555	8	PDIP, SOP	-40° to 85°C	S
LM556	NE556	14	PDIP, SOP	0° to 70°C	S
LM556	NE556, SA556	14	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LM556	SA556	14	PDIP, SOP	-40° to 85°C	S
LM6181	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LM6218	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LM6261	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LM6262	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
LM6264	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
LM6265	THS4021	8	MSOP	0° to 70°C, -40° to 85°C	Q
LM709	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LM710	TL714	8	PDIP, SOP	0° to 70°C	P
LM723/C	UA723	14	PDIP, SOP	0° to 70°C	S
LM741	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LM741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LM747	MC1458	8	PDIP, SOP	0° to 70°C	P
LM748	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
LM7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78L05/A	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q
LM78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L09A	UA78L09A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L12/A	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L15/B1012A	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L62A	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L82A	UA78L08A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78M05	UA78M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M12	UA78M12	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
LM7908	UA79M08	2	PowerFLEX	0° to 125°C	P
LM79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
LM833	NE5532/A	8	PDIP	0° to 70°C	Q
LM833	TLV2362	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6022	TLC2252, TLC27L2, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6024	TLC2254, TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6024	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6032	TLC2262, TLC2272, TLC27M2, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6034	TLC2264, TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LMC6034	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC6034	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6042	TLC2252, TLC27L2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6044	TLC2254, TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6062	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6062	TLC2252	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6062	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
LMC6064	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6064	TLC2254	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6064	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC6081	TLC2201	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6082	TLC2262, TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6082	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6082	TLC277, TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6084	TLC2264, TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6084	TLC279, TLC27M9	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
LMC6084	TLV2434, TLV2444	14	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6142	TLV2782	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6462	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
LMC6462	TLV2322	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6462	TLV2454	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6464A	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC6464A	TLV2324	14	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6482	TLC2272, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6482	TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6484	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6484	TLC279	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
LMC6492A	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6494	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC6494A	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6572	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6572	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
LMC6572	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6572A	TLC2252	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6574	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6574	TLV2254	14	PDIP, SOP	-40° to 85°C	Q
LMC6574	TLV2264, TLV2324	14	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6582A	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6584A	TLV2264	14	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC660	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC660	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC660	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC660	TLV2434, TLV2444	14	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC662	TLC2202	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC662	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC662	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC662	TLV2432	8	SOP	-40° to 125°C	Q
LMC662	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC7101	TLV2721, TLV2731	5	TSSOP	0° to 70°C, -40° to 85°C	Q
LMC7111	TLV2711	5	TSSOP	0° to 70°C, -40° to 85°C	Q
LMC7660	LT1054	8, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LMV321	LMV321	5	SC70, SOT23	-40° to 85°C	S
LMV324	LMV324	14	SOP, TSSOP	-40° to 85°C	S
LMV331	LMV331	5	SC70, SOT23	-40° to 85°C	S

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Standard Linear Products Cross-Reference by Device

LMV339—LT1077

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LMV339	LMV339	14	SOP, TSSOP	-40° to 85°C	S
LMV358	LMV358	8	SOP, TSSOP	-40° to 85°C	S
LMV393	LMV393	8	SOP, TSSOP	-40° to 85°C	S
LMV431/A	TLV431/A	3, 5, 8	SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
LMV821	TLV821 (Planned)	5	SC70, SOT23	-40° to 85°C	S
LMV822	TLV822 (Planned)	8	SOP, TSSOP	-40° to 85°C	S
LMV824	TLV824 (Planned)	14	SOP, TSSOP	-40° to 85°C	S
LP2950 (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	P
LP2950/A (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LP324	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LP324	TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LP324	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LP339	LP339	14	PDIP, SOP	0° to 70°C	S
LP339	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LPC660	TLC2254, TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LPC660	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LPC660	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LPC662	TLC2252, TLC27L2, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LPC662	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LPC662	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
LS204	RC4558	8	PDIP, SOP	0° to 70°C	Q
LS404	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LT1001	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1004CS8-1.2	LT1004-1.2	3, 8	PowerFLEX, TO/SOT	0° to 70°C, -40° to 85°C	S
LT1004CS8-2.5	LT1004-2.5	3, 8	PowerFLEX, TO/SOT	0° to 70°C, -40° to 85°C	S
LT1006	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1007	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1009	LT1009	3, 8	PowerFLEX, TO/SOT	0° to 70°C, -40° to 85°C	S
LT1013	TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1013	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1013/D	LT1013/D	8	PDIP	0° to 70°C, -40° to 105°C	S
LT1014	LT1014D	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	S
LT1014	TLC27M9	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
LT1014	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1014/D	LT1014/D	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	S
LT1016	TL3016	8	SOP, TSSOP	0° to 70°C, -40° to 85°C	S
LT1017	TLC352, TLC3702, TLC393	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LT1018	TLC352, TLC3702	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LT1022	TL051/A, TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1024	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1028	TLE2027, TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1030	SN75188, SN75C188	14	PDIP, SOP	0° to 70°C	P
LT1037	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1039	SN75C1406, TL145406	16	PDIP, SOP	0° to 70°C	P
LT1054	LT1054	8, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LT1055	TL051/A, TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1056	TL051/A, TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1057	TL052/A	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1057	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1057	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1058	TL054/A	14	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1058	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1058	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
LT1077	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LT1078	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1078	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1079	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1079	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
LT1085, (ADJ, 3.3V, 5V)	TL3317 (Planned - ADJ, 3.3V, 5V)	3	PowerFLEX, TO/SOT	0° to 125°C	S
LT1086 (ADJ, 2.85V, 3.3V, 5V)	TL3317 (Planned - ADJ, 2.85V, 3.3V, 5V)	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LT1097	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1112	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LT1112	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1113	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1113	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1114	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1115	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1116	TL3116	8	SOP, TSSOP	0° to 70°C, -40° to 85°C	S
LT1117 (ADJ, 3.3V)	TLV1117 (Planned - ADJ, 3.3V)	2	PowerFLEX	0° to 125°C	P
LT1122	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1123	TPS7250	8	PDIP, SOP, TSSOP	-40° to 125°C	Q
LT1128	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1136	SN75LBC241	28	SOP	0° to 70°C	P
LT1137A	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1141	GD75232, SN75185	20	PDIP, SOP	0° to 70°C	P
LT1169	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1169	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1178	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1178	TLC27L7, TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1179	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1179	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
LT1179	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1180A	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LT1181A	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LT1200	TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1200	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
LT1201	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1201	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
LT1202	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
LT1202	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1208	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1210	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1217	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1220	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1221	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1222	THS4031	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1223	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1224	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1225	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1226	THS4021	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1227	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1237	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1241	UC3845	8, 14	PDIP, SOP	0° to 70°C	Q
LT1242	TL2842, TL3842	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1242	UC2842	8, 14	PDIP, SOP	-40° to 85°C	Q
LT1243	TL2843, TL3843	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1243	UC2843	8, 14	PDIP, SOP	-40° to 85°C	Q

*Usage Codes: F=Similar in functionality; P=Same functionality but not pin-for-pin and/or parametrically equivalent; Q=Same functionality and pinout but not exact equivalent; S=Exact equivalent

Standard Linear Products Cross-Reference by Device

LT1244—LTC498

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LT1244	TL2844, TL3844	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1244	UC2844	8, 14	PDIP, SOP	-40° to 85°C	Q
LT1245	TL2845, TL3845	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1245	UC2845	8, 14	PDIP, SOP	-40° to 85°C	Q
LT1246	TL2842, TL3842	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1246	UC3842	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	S
LT1247	TL2843, TL3843	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1330	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1341	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1342	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1348	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1351	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1352	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1354	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1355	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1357	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1358	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1360	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1361	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1363	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1364	THS4062	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1413	LT1013/D	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1413	TLC1078, TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1413	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1431	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	P
LT1457	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1457	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1491	TLV2404	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LT1496	TLV2404	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LTC1052	TLC2652, TLC2654	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC1382	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LTC1383	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LTC1384	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LTC1485	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
LTC1485	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC485	SN75176B	8	PDIP, SOP	0° to 70°C	Q
LTC485	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC485	SN75LBC176	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC486	SN75172, SN75ALS172A	16	PDIP	0° to 70°C	Q
LTC486	SN75LBC172	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC486	SN75LBC172	16, 20	PDIP, SOP	0° to 70°C	Q
LTC487	SN75174, SN75ALS174A	16	PDIP	0° to 70°C	Q
LTC487	SN75LBC174	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC487	SN75LBC174	16, 20	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC488	SN75173, SN75ALS173, SN75LBC173	16	PDIP, SOP	0° to 70°C	Q
LTC488	SN75LBC173	16	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC489	SN75175, SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC489	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC490	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC490	SN75LBC179	8	PDIP, SOP	0° to 70°C	Q
LTC491	SN75LBC180	14	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC491	SN75LBC180	14	PDIP, SOP	0° to 70°C	Q
LTC498	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LTC498	SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC7652	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LX8117/A/B	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
LX8385/A/B	TL3317 (Planned - ADJ, 3.3V, 5.5V)	3	PowerFLEX, TO/SOT	0° to 125°C	S
LX8386/A/B	TL3317 (Planned - ADJ, 3.3V, 5.5V)	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LX8415	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
M75176	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
M75179	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX1016	TL3016	8	SOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX1116	TL3116	8	SOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX1482	SN75LBC176	8	PDIP, SOP	0° to 70°C	Q
MAX1482	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX1483	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	F
MAX1488	SN75188	14	PDIP, SOP	0° to 70°C	P
MAX1488	SN75C188	14	PDIP, SOP	0° to 70°C	Q
MAX1489	MC1489/A, SN75189/A, SN75C189/A	14	PDIP, SOP	0° to 70°C	P
MAX202C	MAX202C	16	PDIP, SOP	0° to 70°C	S
MAX202E	MAX202I	28	SOP	-40° to 85°C	S
MAX211C	MAX211C	28	SSOP	0° to 70°C	S
MAX211E	MAX211I	28	SSOP	-40° to 85°C	S
MAX232C	MAX232C	16	PDIP, SOP	0° to 70°C	S
MAX232E	MAX232I	16	PDIP, SOP	-40° to 85°C	S
MAX241	SN75LBC241	28	SOP	0° to 70°C	Q
MAX3185	GD75232, SN75185, SN75C185	20	PDIP, SOP	0° to 70°C	Q
MAX3185	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
MAX3185	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
MAX3186	GD75323, SN75196	20	PDIP, SOP	0° to 70°C	P
MAX3186	SN75LP196	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	P
MAX3221	MAX3221	16	SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3221E	MAX3221	16	SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3222	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3222	MAX3222	20	SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3222E	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3223	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3223E	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3232	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3232E	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3238	MAX3238	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3238E	MAX3238	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3241	SN75LV4737A	28	SSOP	0° to 70°C	F
MAX3243	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3243E	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX400	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MAX407	TLV2404	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
MAX408	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
MAX410	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MAX414	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MAX427	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MAX428	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MAX437	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
MAX448	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MAX473	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
MAX474	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q

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Standard Linear Products Cross-Reference by Device

MAX475—MC33072

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
MAX475	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MAX478	TLC2252	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX478	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
MAX479	TLC2252, TLC2254	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX479	TLV2254	14	PDIP, SOP	-40° to 85°C	Q
MAX481	SN75LBC176	8	PDIP, SOP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX483	SN65LBC176	8	PDIP, SOP	-40° to 85°C, -40° to 125°C	Q
MAX483	SN75LBC176	8	PDIP, SOP	0° to 70°C	Q
MAX483	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX485	SN75176B, SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
MAX485	SN75LBC176	8	PDIP, SOP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX487	SN65LBC184	8	PDIP, SOP	-40° to 85°C	Q
MAX487	SN75LBC176	8	PDIP, SOP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX488	SN75LBC179	8	PDIP, SOP	0° to 70°C	Q
MAX488	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX489	SN75LBC180	14	PDIP, SOP	0° to 70°C	Q
MAX489	SN75LBC180	14	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX490	SN75LBC179	8	PDIP, SOP	0° to 70°C	Q
MAX490	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX491	SN75LBC180	14	PDIP, SOP	0° to 70°C	Q
MAX491	SN75LBC180	14	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX494	TLV2432	8	SOP	-40° to 125°C	Q
MAX494	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
MAX495	TLV2432	8	SOP	-40° to 125°C	Q
MAX495	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
MAX660	LT1054	8, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	P
MC1413	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
MC1413T	SN75468	16	PDIP, SOP	0° to 70°C	Q
MC1416	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q
MC145403	GD75232, SN75185, SN75C185	20	PDIP, SOP	0° to 70°C	Q
MC145403	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
MC145403	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
MC145405	GD75323, SN75196	20	PDIP, SOP	0° to 70°C	P
MC145405	SN75LP196	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	P
MC145406	SN75C1406, TL145406	16	PDIP, SOP	0° to 70°C	P
MC1455	NE555	8	PDIP, SOP	0° to 70°C	S
MC145583	SN75LV4737A	28	SSOP	0° to 70°C	F
MC1455B	SA555	8	PDIP, SOP	-40° to 85°C	S
MC1458	MC1458	8	PDIP, SOP	0° to 70°C	S
MC1458	MC1558	8	PDIP, LCCC	-55° to 125°C	S
MC1458	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC1488	SN75188	14	PDIP, SOP	0° to 70°C	P
MC1488	SN75C188	14	PDIP, SOP	0° to 70°C	Q
MC1489/A	MC1489/A, SN75189/A, SN75C189/A	14	PDIP, SOP	0° to 70°C	P
MC1558	MC1558	8	PDIP, LCCC	-55° to 125°C	S
MC1723	UA723	14	PDIP, SOP	0° to 70°C	S
MC1741	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
MC1741C	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
MC1747	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC3302	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	Q
MC3303	MC3303	14	PDIP, SOP	-40° to 85°C	S
MC33064	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC33072	TL3472	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
MC33074	TL3474	14	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33074A	TL3474AI	14	PDIP, SOIC, TSSOP	0° to 70°C, -40° to 105°C	Q
MC33076	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33076	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC33077	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MC33078	NE5532/A	8	PDIP	0° to 70°C	Q
MC33078	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC33079	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33164	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC33171	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33171	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
MC33172	TL062/A, TLC272, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33172	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC33174	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33174	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
MC33174	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33174	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33178	TLE2062, TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33178	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC33178	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC33179	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33179	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33179	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC33179	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33181	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33182	TL062/A, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33182	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33184	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33184	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33184	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33202	TLC2272, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33204	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33204	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
MC33272	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC33274	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33282	TL052/A, TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33282	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC33284	TL054/A	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33284	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33284	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC34001	TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34002	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC34002/B	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC34004	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC34004/B	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC3403	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	S
MC3403	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
MC3403	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34060	UA723	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
MC34064	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC34071	TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34071	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
MC34072	TL3472	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC34072	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q

*Usage Codes: F=Similar in functionality; P=Same functionality but not pin-for-pin and/or parametrically equivalent; Q=Same functionality and pinout but not exact equivalent; S=Exact equivalent

Standard Linear Products Cross-Reference by Device

MC34072—MC78L06

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
MC34072	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC34074	TL3474	14	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC34074	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC34074	TLE2141, TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC34074	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC34074A	TL3474AC	14	PDIP, SOIC, TSSOP	0° to 70°C	Q
MC34080	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34081	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34082	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34082	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC34083	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34084	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34084	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC34085	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34164	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC34181	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34181	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34182	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC34182	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34184	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC34184	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34268	TL-SCSI285	20	TSSOP	0° to 125°C	F
MC3456	NE556, SA556	14	PDIP, SOP	0° to 70°C, -40° to 85°C	S
MC3458	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	Q
MC3458	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
MC3458	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC3458	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC3486	MC3486	16	PDIP, SOP	0° to 70°C	Q
MC3487	MC3487	16	PDIP, SOP	0° to 70°C	Q
MC3488A	UA9636A	8	PDIP, SOP	0° to 70°C	S
MC34C86	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MC34C86	SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34C87	SN75LBC174	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MC34C87	SN75LBC174	16, 20	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC4558	RC4558	8	PDIP, SOP	0° to 70°C	S
MC4558	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC4741	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC4741C	TL084/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC75174B	SN75174	16	PDIP	0° to 70°C	S
MC75174B	SN75174	20	SOP	0° to 70°C	S
MC7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7805A	UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7808A	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7812A	UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7815A	UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7824A	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC78L05	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L05A	UA78L05A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
MC78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L08A	UA78L08A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L09A	UA78L09A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L12	UA78L12A	3, 8	TO/SOT, SOP	0° to 125°C	S
MC78L12	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L12A	UA78L12A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78L15	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L15A	UA78L15A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78M05	UA78M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M05A	UA78M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC78M06	UA78M06	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M08	UA78M08	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M08A	UA78M08	2, 3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC78M09	UA78M09	2	PowerFLEX	0° to 125°C	P
MC78M12	UA78M12	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M12A	UA78M12	2, 3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
MC7908	UA79M08	2	PowerFLEX	0° to 125°C	P
MC79L05/A	MC79L05A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC79L12/A	MC79L12/A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC79L15/A	MC79L15/A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC79M08	UA79M08	2	PowerFLEX	0° to 125°C	P
MIC29203	TPS7101	8, 20	PDIP, SOP, TSSOP	-40° to 125°C	Q
MIC29204	TPS7101	8, 20	PDIP, SOP, TSSOP	-40° to 125°C	Q
MIC38C42	UC3842	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	Q
MIC38C43	UC3843	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	Q
MIC38C44	UC2844	8, 14	PDIP, SOP	-40° to 85°C	Q
MIC38C45	UC3845	8, 14	PDIP, SOP	0° to 70°C	Q
MIC38HC42	UC3842	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	Q
MIC38HC43	UC3843	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	Q
MIC38HC44	UC2844	8, 14	PDIP, SOP	-40° to 85°C	Q
MIC38HC45	UC3845	8, 14	PDIP, SOP	0° to 70°C	Q
MXL1001	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MXL1007	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MXL1013	LT1013/D	8	PDIP	0° to 70°C, -40° to 105°C	S
MXL1013D	LT1013/D	8	PDIP, SOP	0° to 70°C, -40° to 105°C	S
MXL1014	LT1014/D	14	PDIP	0° to 70°C, -40° to 105°C	S
MXL1014D	LT1014D	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	S
MXL1178	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MXL1178	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
MXL1179	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MXL1179	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
NE4558	RC4558	8	PDIP, SOP	0° to 70°C	S
NE5234	TLV2264	14	PDIP, SOP, TSSOP	-40° to 85°C	Q
NE532	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
NE5514	MC3303, MC3403	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NE5532/A	NE5532/A	8	PDIP	0° to 70°C	S

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Standard Linear Products Cross-Reference by Device

NE5534—OP183

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
NE5534	NE5534/A	8	PDIP, SOP	0° to 70°C	S
NE5534A	NE5534A	8	PDIP, SOP	0° to 70°C	S
NE555	NE555	8	PDIP, SOP	0° to 70°C	S
NE555	SA555	8	PDIP, SOP	-40° to 85°C	S
NE556	NE556, SA556	14	PDIP, SOP	0° to 70°C, -40° to 85°C	S
NE556, NE556-1	NE556	14	PDIP, SOP	0° to 70°C	S
NJM2082	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
NJM2100	TLV2361	5	TSSOP	-40° to 85°C	Q
NJM2100	TLV2362	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
NJM2107	TLV2361	5	TSSOP	-40° to 85°C	Q
NJM2112	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
NJM2115	TLV2361	5	TSSOP	-40° to 85°C	Q
NJM2115	TLV2362	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
NJM2119	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
NJM2162	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJM2164	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJM4580	RC4580I	8	PDIP, SOIC, TSSOP	-40° to 85°C	S
NJMOP-07	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
NJU7002	TLC25L2	8	PDIP, SOP, TSSOP	0° to 70°C	Q
NJU7004	TLC25L4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
NJU7022	TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7024	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7032	TLC2272, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7034	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7034	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
NJU7051	TLC2201	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7052	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7054	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7061	TLC2201	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7062	TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7064	TLC27M9	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
NJU7074	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7102	TLC3702	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7104	TLC3704	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7112	TLC372	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7114	TLC374	14	SOP	0° to 70°C, -40° to 85°C	Q
OP-02	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
OP-05	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
OP07	OP07C, OP07D	8	PDIP, SOP	0° to 70°C	Q
OP07, OP-07	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP07/A	OP07C/D	8	PDIP, SOP	0° to 70°C	Q
OP07A, OP07C	OP07C, OP07D	8	PDIP, SOP	0° to 70°C	Q
OP07C	OP07C	8	PDIP, SOP	0° to 70°C	S
OP07C	OP07C/D	8	PDIP, SOP	0° to 70°C	Q
OP07D	OP07C, OP07D	8	PDIP, SOP	0° to 70°C	Q
OP07D	OP07D	8	PDIP, SOP	0° to 70°C	S
OP07E	OP07C, OP07D	8	PDIP, SOP	0° to 70°C	S
OP07E	OP07C/D	8	PDIP, SOP	0° to 70°C	Q
OP113, OP-113	TLE2021, TLE2141	8	SOP	0° to 70°C, -40° to 85°C	Q
OP-17	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP176, OP-176	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP176, OP-176	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP177	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP183, OP-183	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
OP191	TLV2211, TLV2221	5	TSSOP	0° to 70°C, -40° to 85°C	Q
OP193	TLV2211, TLV2221	5	TSSOP	0° to 70°C, -40° to 85°C	Q
OP196	TLV2211, TLV2221	5	TSSOP	0° to 70°C, -40° to 85°C	Q
OP-20	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
OP200	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP-21	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
OP213, OP-213	TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP213, OP-213	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP213, OP-213	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
OP-215	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP220, OP-220	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP221, OP-221	TLC2252, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP221, OP-221	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP249	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP249	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
OP27, OP-27	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP270, OP-270	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
OP275	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP275	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
OP283, OP-283	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP283, OP-283	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
OP285	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP285	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
OP290	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP290	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
OP290	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
OP291	TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP291	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
OP291	TLV2432	8	SOP	-40° to 125°C	Q
OP291	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP292, OP-292	TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP292, OP-292	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP292, OP-292	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
OP293	TLC2254	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP294	TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP294	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP295	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
OP295	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
OP295	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
OP295	TLV2432	8	SOP	-40° to 125°C	Q
OP295	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP296	TLC2252	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP296	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP297	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP37, OP-37	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
OP400, OP-400	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP-41	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP413, OP-413	TLC279	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
OP413, OP-413	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP413, OP-413	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
OP42, OP-42	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP420	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP421	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP421	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q

*Usage Codes: F=Similar in functionality; P=Same functionality but not pin-for-pin and/or parametrically equivalent; Q=Same functionality and pinout but not exact equivalent; S=Exact equivalent

Standard Linear Products Cross-Reference by Device

OP421—ST3232E

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
OP421	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP471, OP-471	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP471, OP-471	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
OP471, OP-471	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
OP484	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP490	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP490	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
OP491	TLC27M9	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
OP491	TLV2432	8	SOP	-40° to 125°C	Q
OP491	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP492, OP-492	TLC279	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
OP492, OP-492	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP493	TLC2254	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP495	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
OP495	TLV2432	8	SOP	-40° to 125°C	Q
OP495	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP496	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP497	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP-61	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
OP77	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP97	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
RC1117	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
RC3403A	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	Q
RC4136	RC4136	14	PDIP, SOP	0° to 70°C	S
RC4558	RC4558	8	PDIP, SOP	0° to 70°C	S
RC4559	RC4559	8	PDIP, SOP	0° to 70°C	S
RC5532	NE5532/A	8	PDIP	0° to 70°C	S
RC5532A	NE5532A	8	PDIP	0° to 70°C, -40° to 85°C	S
RC5534	NE5534/A	8	PDIP, SOP	0° to 70°C	S
RC5534A	NE5534A	8	PDIP, SOP	0° to 70°C	S
SA532	LM258/A	8	PDIP, SOP	-25° to 85°C	S
SA5532/A	NE5532/A	8	PDIP	0° to 70°C	S
SA555	SA555	8	PDIP, SOP	-40° to 85°C	S
SA556	SA556	14	PDIP, SOP	-40° to 85°C	S
SA741C	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
SG2003	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
SG2004	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q
SG2023	SN75468	16	PDIP, SOP	0° to 70°C	Q
SG2524/B	SG2524	16	PDIP, SOP	-25° to 85°C	S
SG317/A	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	P
SG3524/B	SG3524	16	PDIP, SOP	0° to 70°C	S
SG723	UA723	14	PDIP, SOP	0° to 70°C	P
SG7805/A	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	P
SG7812/A	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	P
SG7815/A	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	P
SN75175	SN75175	16	PDIP, SOP	0° to 70°C	S
SP211	SN75LBC241	28	SOP	0° to 70°C	Q
SP232A	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
SP3221	GD75232	20	PDIP, SOP	0° to 70°C	S
SP3222E/EB	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3222EU	SN75C3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3223E/EB	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3223EU	SN75C3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3232E/EB	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
SP3232EU	SN75C3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3238E	MAX3238	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3243E/EB	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3243EU	SN75C3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ST232	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	S
ST3222	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ST3222E	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ST3232	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ST3232E	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ST3243	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ST3243E	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ST75185	GD75232	20	PDIP, SOP	0° to 70°C	Q
ST75185	SN75185	20	PDIP, SOP	0° to 70°C	S
ST75185	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
ST75185	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
ST75C185	SN75C185	20	PDIP, SOP	0° to 70°C	S
ST75C185	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
ST75C185	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
TDA1308	TPA122	8	MSOP	-40° to 85°C	Q
TDA1308	TPA152	8	SOP	-40° to 85°C	Q
TEB1033	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
TEB4033	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL061	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL061	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL061A	TL061A	8	PDIP, SOP	0° to 70°C	S
TL062	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL062	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL062A	TL062A	8	PDIP, SOP	0° to 70°C	S
TL064	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL064	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL064A	TL064A	14	PDIP, SOP	0° to 70°C	S
TL071	TL071/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL071A	TL071A	8	PDIP, SOP	0° to 70°C	S
TL072	TL072/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL072A	TL072A	8	PDIP, SOP	0° to 70°C	S
TL074	TL074/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL074A	TL074A	14	PDIP, SOP	0° to 70°C	S
TL081	TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL081A	TL081A	8	PDIP, SOP	0° to 70°C	S
TL082	TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL082A	TL082A	8	PDIP, SOP	0° to 70°C	S
TL084	TL084/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL084A	TL084A	14	PDIP, SOP	0° to 70°C	S
TL1431	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	S
TL431	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
TL431A	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
TL431B	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	S
TL494	TL494	16	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	S
TL494	TL594	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL494	TL594	16	PDIP, SOP	0° to 70°C, -40° to 125°C	Q
TL594	TL594	16	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL7702A	TL7702A/B	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL7705A	TL7705A/B	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TS271	TLC271	8	SOP	0° to 70°C, -40° to 85°C	S

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Standard Linear Products Cross-Reference by Device

TS272—UPD5555

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
TS272	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS274	TLC274	14	SOP	0° to 70°C, -40° to 85°C	S
TS27L2	TLC27L2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS27L4	TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS27M2	TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS27M4	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS339	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TS3702	TLC3702	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS3704	TLC3704	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS372	TLC372	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TS374	TLC374	14	SOP	0° to 70°C, -40° to 85°C	S
TS393	TLC393	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS3V555	TLC551	8	PDIP, SOP	0° to 70°C	S
TS3V555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS3V912	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS3V914	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS431	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
TS431A	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
TS555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS7705	TLC7705	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS822	LM285-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	Q
TS822	LT1004-2.5	3, 8	PowerFLEX, TO/SOT	0° to 70°C, -40° to 85°C	Q
TS912	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
TS912	TLC2272, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS912	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
TS914	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS944	TLV2404	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
UA741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
UA741C	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
UA75452	SN75452B	14	PDIP, SOP	0° to 70°C	Q
UA78L12	UA78L12A	3, 8	TO/SOT, SOP	0° to 125°C	S
UA9668	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q
UC2842	TL2842, UC2842	8, 14	SOP	-40° to 85°C	S
UC3845A	TL3845, UC3845	8, 14	PDIP, SOP	0° to 70°C	Q
ULN2002	ULN2002A	16	PDIP, SOP	-20° to 85°C	Q
ULN2003, ULN-2003	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
ULN2004, ULN-2004	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q
ULN-2023	SN75468	16	PDIP, SOP	0° to 70°C	Q
UPC254	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
UPC4061	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
UPC4062	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
UPC4064	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
UPC815	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
UPC816	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
UPC842	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
UPC844	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
UPD5555	TLC551	8	PDIP, SOP	0° to 70°C	Q
UPD5555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ALLEGRO (SPRAGUE)					
ULN-2003	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
ULN-2004	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q
ULN-2023	SN75468	16	PDIP, SOP	0° to 70°C	Q
ULQ2003A	ULN2003AI	16	SOIC	-40° to 85°C	S
ANALOG DEVICES (ADI)					
AD542	TLE2161	8	PDIP	0° to 70°C, -40° to 85°C	Q
AD544	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD546	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD547	TLE2161	8	PDIP	0° to 70°C, -40° to 85°C	Q
AD548	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD642	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD644	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD645	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD707	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
AD711	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD712	TLE2072, TLE2082	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD713	TLE2074, TLE2084	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD743	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD744	THS3001, TLE2141	8	SOP	0° to 70°C, -40° to 85°C	Q
AD746	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
AD795	TLE2161	8	PDIP	0° to 70°C, -40° to 85°C	Q
AD810	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
AD811	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
AD815	THS6012	20	SOP	0° to 70°C, -40° to 85°C	Q
AD816	THS6002	20	SOP	0° to 70°C, -40° to 85°C	Q
AD817	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD818	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD820	TLC2201	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD822	TLC2202	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD822	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
AD822	TLC277, TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
AD824	TLC2274, TLC279, TLC27M9	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
AD826	THS4042	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD828	THS4062	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD829	THS4031	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD842	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
AD844	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
AD846	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
AD8527	TLV2782	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
ADM1485	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
ADM211	SN75LBC241	28	SOP	0° to 70°C	Q
ADM232A	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
ADM232L	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ADM3311	SN75LV4737A	28	SSOP	0° to 70°C	P
ADM483E	SN75LBC184	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
ADM485	SN75176B, SN75ALS176	8	PDIP, SOP	0° to 70°C	Q
ADM485	SN75LBC176, SN75ALS176A/B	8	PDIP, SOP	0° to 70°C	Q
ADM488	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
ADM489	SN75LBC180	14	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
CMP04	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP-02	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ANALOG DEVICES (ADI) (Continued)					
OP-05	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
OP07	OP07C, OP07D	8	PDIP, SOP	0° to 70°C	Q
OP07, OP-07	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP07A, OP07C	OP07C, OP07D	8	PDIP, SOP	0° to 70°C	Q
OP07D	OP07C, OP07D	8	PDIP, SOP	0° to 70°C	Q
OP07E	OP07C, OP07D	8	PDIP, SOP	0° to 70°C	S
OP113, OP-113	TLE2021, TLE2141	8	SOP	0° to 70°C, -40° to 85°C	Q
OP-17	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP176, OP-176	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP176, OP-176	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP177	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP183, OP-183	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
OP191	TLV2211, TLV2221	5	TSSOP	0° to 70°C, -40° to 85°C	Q
OP193	TLV2211, TLV2221	5	TSSOP	0° to 70°C, -40° to 85°C	Q
OP196	TLV2211, TLV2221	5	TSSOP	0° to 70°C, -40° to 85°C	Q
OP-20	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
OP200	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP-21	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
OP213, OP-213	TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP213, OP-213	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP213, OP-213	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
OP-215	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP220, OP-220	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP221, OP-221	TLC2252, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP221, OP-221	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP249	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP249	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
OP27, OP-27	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP270, OP-270	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
OP275	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP275	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
OP283, OP-283	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP283, OP-283	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
OP285	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP285	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
OP290	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP290	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
OP290	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
OP291	TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP291	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
OP291	TLV2432	8	SOP	-40° to 125°C	Q
OP291	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP292, OP-292	TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP292, OP-292	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP292, OP-292	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
OP293	TLC2254	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP294	TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP294	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP295	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
OP295	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
OP295	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
OP295	TLV2432	8	SOP	-40° to 125°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ANALOG DEVICES (ADI) (Continued)					
OP295	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP296	TLC2252	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP296	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP297	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
OP37, OP-37	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
OP400, OP-400	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP-41	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP413, OP-413	TLC279	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
OP413, OP-413	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP413, OP-413	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
OP42, OP-42	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP420	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP421	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP421	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP421	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP471, OP-471	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP471, OP-471	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
OP471, OP-471	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
OP484	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP490	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP490	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
OP491	TLC27M9	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
OP491	TLV2432	8	SOP	-40° to 125°C	Q
OP491	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP492, OP-492	TLC279	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
OP492, OP-492	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP493	TLC2254	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
OP495	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
OP495	TLV2432	8	SOP	-40° to 125°C	Q
OP495	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP496	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
OP497	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP-61	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
OP77	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
OP97	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
FAIRCHILD SEMICONDUCTOR					
KA1458	MC1458	8	PDIP, SOP	0° to 70°C	S
KA1458	MC1558	8	PDIP, LCCC	-55° to 125°C	S
KA1458A	MC1458	8	PDIP, SOP	0° to 70°C	S
KA1458A	MC1558	8	PDIP, LCCC	-55° to 125°C	S
KA224/A	LM224/A	14	PDIP, SOP	-25° to 85°C	S
KA236-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
KA239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	S
KA239A	LM239A	14	PDIP, SOP	-25° to 125°C	S
KA248	LM248	14	PDIP, SOP	-25° to 85°C	S
KA258/A	LM258/A	8	PDIP, SOP	-25° to 85°C	S
KA258A	LM258A	8	PDIP, SOP	-25° to 85°C	S
KA2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
FAIRCHILD SEMICONDUCTOR (Continued)					
KA293	LM293/A	8	PDIP, SOP	-25° to 85°C	S
KA293A	LM293A	8	SOP	-25° to 85°C	S
KA311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
KA317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	Q
KA324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
KA324A	LM324A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
KA3302	LM3302	14	PDIP, SOP	-40° to 85°C	S
KA3303	MC3303	14	PDIP, SOP	-40° to 85°C	S
KA336-2.5/-2.5B	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
KA337	LM337	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
KA339A	LM339A	14	PDIP, SOP	0° to 70°C	S
KA3403	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	S
KA348	LM348	14	PDIP, SOP	0° to 70°C	S
KA358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
KA393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
KA431	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
KA431	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
KA4558/A	RC4558	8	PDIP, SOP	0° to 70°C	S
KA5532	NE5532/A	8	PDIP	0° to 70°C	S
KA555	NE555	8	PDIP, SOP	0° to 70°C	S
KA555	SA555	8	PDIP, SOP	-40° to 85°C	S
KA556	NE556	14	PDIP, SOP	0° to 70°C	S
KA556	SA556	14	PDIP, SOP	-40° to 85°C	S
KA710	TL714	8	PDIP, SOP	0° to 70°C	P
KA723	UA723	14	PDIP, SOP	0° to 70°C	S
KA741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
KA7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78L05	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q
KA78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L12	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L15	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
KA7908	UA79M08	2	PowerFLEX	0° to 125°C	P
KA79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
KF347	LF347	14	PDIP, SOP	0° to 70°C	S
KF347	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
KF347A	LF347B	14	PDIP, SOP	0° to 70°C	S
KF347A	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
FAIRCHILD SEMICONDUCTOR (Continued)					
KF351	TL071/A, TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
KF353	LF353	8	PDIP, SOP	0° to 70°C	S
KF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347	LF347	14	PDIP, SOP	0° to 70°C	S
LF347	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF353	LF353	8	PDIP, SOP	0° to 70°C	S
LF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM1458	MC1458	8	PDIP, SOP	0° to 70°C	S
LM1458	MC1558	8	PDIP, LCCC	-55° to 125°C	S
LM1458A	MC1458	8	PDIP, SOP	0° to 70°C	S
LM1458A	MC1558	8	PDIP, LCCC	-55° to 125°C	S
LM224/A	LM224/A	14	PDIP, SOP	-25° to 85°C	S
LM236-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
LM239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	S
LM248	LM248	14	PDIP, SOP	-25° to 85°C	S
LM258/A	LM258/A	8	PDIP, SOP	-25° to 85°C	S
LM2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM293	LM293/A	8	PDIP, SOP	-25° to 85°C	S
LM293A	LM293A	8	SOP	-25° to 85°C	S
LM311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	S
LM324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
LM3302	LM3302	14	PDIP, SOP	-40° to 85°C	S
LM336-2.5/-2.5B	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
LM337	LM337	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339A	LM339A	14	PDIP, SOP	0° to 70°C	S
LM348	LM348	14	PDIP, SOP	0° to 70°C	S
LM353	LF353	8	PDIP, SOP	0° to 70°C	S
LM353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM358A	LM358A	8	PDIP, SOP	0° to 70°C	S
LM393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM431/A	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
LM431B	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
LM431C	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	Q
LM431C	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	Q
LM555	NE555	8	PDIP, SOP	0° to 70°C	S
LM555	SA555	8	PDIP, SOP	-40° to 85°C	S
LM556	NE556	14	PDIP, SOP	0° to 70°C	S
LM556	SA556	14	PDIP, SOP	-40° to 85°C	S
LM710	TL714	8	PDIP, SOP	0° to 70°C	P
LM723	UA723	14	PDIP, SOP	0° to 70°C	S
LM741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LM7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
FAIRCHILD SEMICONDUCTOR (Continued)					
LM7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78L05	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q
LM78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L12	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L15	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
LM7908	UA79M08	2	PowerFLEX	0° to 125°C	P
LM79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC1413	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
MC4558	RC4558	8	PDIP, SOP	0° to 70°C	S
MC7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78L05	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q
MC78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L12	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L15	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
MC7908	UA79M08	2	PowerFLEX	0° to 125°C	P
MC79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
NE5532	NE5532/A	8	PDIP	0° to 70°C	S
NE555	NE555	8	PDIP, SOP	0° to 70°C	S
NE555	SA555	8	PDIP, SOP	-40° to 85°C	S
RC1117	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
RC3403A	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	Q
RC4136	RC4136	14	PDIP, SOP	0° to 70°C	S
RC4558	RC4558	8	PDIP, SOP	0° to 70°C	S
RC4559	RC4559	8	PDIP, SOP	0° to 70°C	S
RC5532	NE5532/A	8	PDIP	0° to 70°C	S
RC5532A	NE5532A	8	PDIP	0° to 70°C, -40° to 85°C	S
RC5534	NE5534/A	8	PDIP, SOP	0° to 70°C	S
RC5534A	NE5534A	8	PDIP, SOP	0° to 70°C	S
TL494	TL494	16	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
FAIRCHILD SEMICONDUCTOR (Continued)					
TL494	TL594	16	PDIP, SOP	0° to 70°C, -40° to 125°C	Q
UA75452	SN75452B	14	PDIP, SOP	0° to 70°C	Q
UA9668	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q
HITACHI					
HD29C3486	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
HD29C3487	SN75LBC174	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
HOLTEK SEMICONDUCTOR					
HT6571	GD75232	20	PDIP, SOP	0° to 70°C	S
HT6571	SN75185, SN75C185	20	PDIP, SOP	0° to 70°C	Q
HT6571	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
HT6571	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
INTERSIL (HARRIS)					
CA0224	LM224/A	14	PDIP, SOP	-25° to 85°C	Q
CA0239	LM239	14	PDIP, SOP	-25° to 125°C	S
CA0258	LM258/A	8	PDIP, SOP	-25° to 85°C	S
CA0324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
CA0339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
CA0358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
CA0358A	LM358A	8	PDIP, SOP	0° to 70°C	S
CA0741C	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
CA1458	MC1458	8	PDIP, SOP	0° to 70°C	S
CA1558	MC1558	8	PDIP, LCCC	-55° to 125°C	S
CA3130	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
CA3140	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
CA3160	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
CA3193	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
CA324	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
CA324	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
CA324	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
CA3240	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
CA3260	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
CA358	TLC272, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
CA5420	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
CA5470	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
CA741	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
HA16118	TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
HA16119	TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
HA2500	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2500	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2502	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2502	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2505	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2505	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2510	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2510	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2512	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2512	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2515	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA2515	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
INTERSIL (HARRIS) (Continued)					
HA2539	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2540	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2541	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA2542	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA2544	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA258	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2600	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2602	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2605	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2705	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
HA2839	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2840	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA2841	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA2842	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA2850	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
HA358	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
HA4741	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5101	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5102	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5104	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5111	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5112	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5114	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5127	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5130	TLE2027, TLE2141	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5134	TLE2024, TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA5135	TLE2027, TLE2141	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5137	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5142	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5144	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA5170	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HA5177	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5195	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
HA5232	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
HA5234	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
HIN211/E	SN75LBC241	28	SOIC	0° to 70°C	Q
HIN232	MAX232	16	PDIP, SOIC	0° to 70°C, -40° to 85°C	S
HIN232E	MAX232	16	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
HIN241/E	SN75LBC241	28	SOIC	0° to 70°C	Q
ICL232	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	S
ICL3221	MAX3221	16	SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3221E	MAX3221	16	SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3222	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3222E	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3223	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3223E	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3232	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3232E	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3238	MAX3238	28	SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICL3238E	MAX3238	28	SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL3241	SN75LV4737A	28	SSOP	0° to 70°C	P
ICL3243	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
INTERSIL (HARRIS) (Continued)					
ICL3243E	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7621	TLC25M2	8	PDIP, SOP, TSSOP	0° to 70°C	Q
ICL7621	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7641	TLC25M4	8, 14	PDIP, SOP, TSSOP	0° to 70°C	Q
ICL7641	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7641	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
ICL7642	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7650	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ICL7652	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ICL7652	TLC4502	8	SOP	0° to 70°C, -40° to 85°C	Q
ICM7555	NE555	8	PDIP, SOP	0° to 70°C	S
ICM7555	SA555	8	PDIP, SOP	-40° to 85°C	S
ICM7555	TLC551	8	PDIP, SOP	0° to 70°C	Q
ICM7555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
ICM7556	NE556	14	PDIP, SOP	0° to 70°C	S
ICM7556	SA556	14	PDIP, SOP	-40° to 85°C	S
LM1458	MC1458	8	PDIP, SOP	0° to 70°C	S
LM2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
LM324A	LM324A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM3302	LM3302	14	PDIP, SOP	-40° to 85°C	S
LM339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339A	LM339A	14	PDIP, SOP	0° to 70°C	S
LM358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM358A	LM358A	8, 14	PDIP, SOP	0° to 70°C	S
LM741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LG SEMICON					
GD75232	GD75232	20	PDIP, SOP	0° to 70°C	S
GD75232	SN75185, SN75C185	20	PDIP, SOP	0° to 70°C	Q
GD75232	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
GD75232	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
GD75323	GD75323	20	PDIP, SOP	0° to 70°C	S
GD75323	SN75196	20	PDIP, SOP	0° to 70°C	Q
GD75323	SN75LP196	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
LINEAR TECHNOLOGY CORP (LTC)					
LF412	LF412	8	PDIP, SOP	0° to 70°C	S
LF412A	LF412	8	PDIP, SOP	0° to 70°C	Q
LM136-2.5	LT1009	3, 8	SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
LT1001	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1004CS8-1.2	LT1004-1.2	3, 8	PowerFLEX, TO/SOT	0° to 70°C, -40° to 85°C	S
LT1004CS8-2.5	LT1004-2.5	3, 8	PowerFLEX, TO/SOT	0° to 70°C, -40° to 85°C	S
LT1006	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1007	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1009	LT1009	3, 8	PowerFLEX, TO/SOT	0° to 70°C, -40° to 85°C	S
LT1013/D	LT1013/D	8	PDIP	0° to 70°C, -40° to 105°C	S
LT1013	TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1013	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1014/D	LT1014/D	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LINEAR TECHNOLOGY CORP (LTC) (Continued)					
LT1014	LT1014D	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	S
LT1014	TLC27M9	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
LT1014	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1016	TL3016	8	SOP, TSSOP	0° to 70°C, -40° to 85°C	S
LT1017	TLC352, TLC3702, TLC393	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LT1018	TLC352, TLC3702	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LT1022	TL051/A, TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1024	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1028	TLE2027, TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1030	SN75188, SN75C188	14	PDIP, SOP	0° to 70°C	P
LT1037	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1039	SN75C1406, TL145406	16	PDIP, SOP	0° to 70°C	P
LT1054	LT1054	8, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LT1055	TL051/A	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1055	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1056	TL051/A	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1056	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1057	TL052/A	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1057	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1057	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1058	TL054/A	14	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1058	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1058	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
LT1077	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1078	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1078	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1079	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1079	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
LT1085, (ADJ, 3.3V, 5V)	TL3317 (Planned - ADJ, 3.3V, 5V)	3	PowerFLEX, TO/SOT	0° to 125°C	S
LT1086 (ADJ, 2.85V, 3.3V, 5V)	TL3317 (Planned - ADJ, 2.85V, 3.3V, 5V)	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LT1097	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1112	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LT1112	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1113	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1113	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1114	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1115	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1116	TL3116	8	SOP, TSSOP	0° to 70°C, -40° to 85°C	S
LT1117 (ADJ, 3.3V)	TLV1117 (Planned - ADJ, 3.3V)	2	PowerFLEX	0° to 125°C	P
LT1122	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1123	TPS7250	8	PDIP, SOP, TSSOP	-40° to 125°C	Q
LT1128	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1136	SN75LBC241	28	SOP	0° to 70°C	P
LT1137A	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1141	GD75232, SN75185	20	PDIP, SOP	0° to 70°C	P
LT1169	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1169	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1178	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1178	TLC27L7, TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1179	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1179	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LINEAR TECHNOLOGY CORP (LTC) (Continued)					
LT1179	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1180A	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LT1181A	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LT1200	TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1200	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
LT1201	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1201	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
LT1202	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
LT1202	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1208	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1210	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1217	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1220	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1221	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1222	THS4031	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1223	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1224	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1225	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1226	THS4021	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1227	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1237	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1241	UC3845	8, 14	PDIP, SOP	0° to 70°C	Q
LT1242	TL2842, TL3842	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1242	UC2842	8, 14	PDIP, SOP	-40° to 85°C	Q
LT1243	TL2843, TL3843	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1243	UC2843	8, 14	PDIP, SOP	-40° to 85°C	Q
LT1244	TL2844, TL3844	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1244	UC2844	8, 14	PDIP, SOP	-40° to 85°C	Q
LT1245	TL2845, TL3845	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1245	UC2845	8, 14	PDIP, SOP	-40° to 85°C	Q
LT1246	TL2842, TL3842	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1246	UC3842	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	S
LT1247	TL2843, TL3843	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1330	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1341	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1342	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1348	SN75LV4737A	28	SSOP	0° to 70°C	P
LT1351	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1352	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1354	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1355	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1357	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1358	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1360	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1361	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1363	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1364	THS4062	8	MSOP	0° to 70°C, -40° to 85°C	Q
LT1413	LT1013/D	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
LT1413	TLC1078, TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LT1413	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LT1431	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	P
LT1457	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
LINEAR TECHNOLOGY CORP (LTC) (Continued)					
LT1457	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LT1491	TLV2404	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LT1496	TLV2404	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LTC1052	TLC2652, TLC2654	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC1382	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LTC1383	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LTC1384	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LTC1485	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC1485	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
LTC485	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC485	SN75176B	8	PDIP, SOP	0° to 70°C	Q
LTC485	SN75LBC176	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC486	SN75LBC172	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC486	SN75172, SN75ALS172A	16	PDIP	0° to 70°C	Q
LTC486	SN75LBC172	16, 20	PDIP, SOP	0° to 70°C	Q
LTC487	SN75LBC174	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC487	SN75174, SN75ALS174A	16	PDIP	0° to 70°C	Q
LTC487	SN75LBC174	16, 20	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC488	SN75LBC173	16	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC488	SN75173, SN75ALS173	16	PDIP, SOP	0° to 70°C	Q
LTC488	SN75LBC173	16	PDIP, SOP	0° to 70°C	Q
LTC489	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC489	SN75175, SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC490	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC490	SN75LBC179	8	PDIP, SOP	0° to 70°C	Q
LTC491	SN75LBC180	14	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC491	SN75LBC180	14	PDIP, SOP	0° to 70°C	Q
LTC498	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
LTC498	SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LTC7652	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
OP07C	OP07C	8	PDIP, SOP	0° to 70°C	S
MAXIM					
ICL7621	TLC25M2	8	PDIP, SOP, TSSOP	0° to 70°C	Q
ICL7621	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7641	TLC25M4	8, 14	PDIP, SOP, TSSOP	0° to 70°C	Q
ICL7641	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7641	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
ICL7642	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7650	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ICL7652	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ICL7652	TLC4502	8	SOP	0° to 70°C, -40° to 85°C	Q
ICM7555	TLC551	8	PDIP, SOP	0° to 70°C	Q
ICM7555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX1016	TL3016	8	SOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX1116	TL3116	8	SOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX1482	SN75LBC176	8	PDIP, SOP	0° to 70°C	Q
MAX1482	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX1483	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	F
MAX1488	SN75188	14	PDIP, SOP	0° to 70°C	P
MAX1488	SN75C188	14	PDIP, SOP	0° to 70°C	Q
MAX1489	MC1489/A, SN75189/A	14	PDIP, SOP	0° to 70°C	P

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
MAXIM (Continued)					
MAX1489	SN75C189/A	14	PDIP, SOP	0° to 70°C	P
MAX202C	MAX202C	16	PDIP, SOP	0° to 70°C	S
MAX202E	MAX202I	28	SOP	-40° to 85°C	S
MAX211C	MAX211C	28	SSOP	0° to 70°C	S
MAX211E	MAX211I	28	SSOP	-40° to 85°C	S
MAX232C	MAX232C	16	PDIP, SOP	0° to 70°C	S
MAX232E	MAX232I	16	PDIP, SOP	-40° to 85°C	S
MAX241	SN75LBC241	28	SOP	0° to 70°C	Q
MAX3185	GD75232, SN75185, SN75C185	20	PDIP, SOP	0° to 70°C	Q
MAX3185	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
MAX3185	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
MAX3186	GD75323, SN75196	20	PDIP, SOP	0° to 70°C	P
MAX3186	SN75LP196	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	P
MAX3221	MAX3221	16	SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3221E	MAX3221	16	SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3222	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3222	MAX3222	20	SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3222E	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3223	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3223E	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3232	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3232E	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3238	MAX3238	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3238E	MAX3238	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX3241	SN75LV4737A	28	SSOP	0° to 70°C	F
MAX3243	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
MAX3243E	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX400	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MAX407	TLV2404	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
MAX408	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
MAX410	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MAX414	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MAX427	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MAX428	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MAX437	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
MAX448	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MAX473	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
MAX474	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MAX475	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MAX478	TLC2252	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX478	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
MAX479	TLC2252, TLC2254	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MAX479	TLV2254	14	PDIP, SOP	-40° to 85°C	Q
MAX481	SN75LBC176	8	PDIP, SOP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX483	SN65LBC176	8	PDIP, SOP	-40° to 85°C, -40° to 125°C	Q
MAX483	SN75LBC176	8	PDIP, SOP	0° to 70°C	Q
MAX483	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX485	SN75176B, SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
MAX485	SN75LBC176	8	PDIP, SOP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX487	SN65LBC184	8	PDIP, SOP	-40° to 85°C	Q
MAX487	SN75LBC176	8	PDIP, SOP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX488	SN75LBC179	8	PDIP, SOP	0° to 70°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
MAXIM (Continued)					
MAX488	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX489	SN75LBC180	14	PDIP, SOP	0° to 70°C	Q
MAX489	SN75LBC180	14	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX490	SN75LBC179	8	PDIP, SOP	0° to 70°C	Q
MAX490	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX491	SN75LBC180	14	PDIP, SOP	0° to 70°C	Q
MAX491	SN75LBC180	14	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MAX494	TLV2432	8	SOP	-40° to 125°C	Q
MAX494	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
MAX495	TLV2432	8	SOP	-40° to 125°C	Q
MAX495	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
MXL1001	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MXL1007	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MXL1013	LT1013/D	8	PDIP	0° to 70°C, -40° to 105°C	S
MXL1013D	LT1013/D	8	PDIP, SOP	0° to 70°C, -40° to 105°C	S
MXL1014	LT1014/D	14	PDIP	0° to 70°C, -40° to 105°C	S
MXL1014D	LT1014D	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	S
MXL1178	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MXL1178	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
MXL1179	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MXL1179	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
OP07/A	OP07C/D	8	PDIP, SOP	0° to 70°C	Q
OP07C	OP07C	8	PDIP, SOP	0° to 70°C	S
OP07D	OP07D	8	PDIP, SOP	0° to 70°C	S
OP07E	OP07C/D	8	PDIP, SOP	0° to 70°C	Q
MICREL					
MIC29203	TPS7101	8, 20	PDIP, SOP, TSSOP	-40° to 125°C	Q
MIC29204	TPS7101	8, 20	PDIP, SOP, TSSOP	-40° to 125°C	Q
MIC38C42	UC3842	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	Q
MIC38C43	UC3843	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	Q
MIC38C44	UC2844	8, 14	PDIP, SOP	-40° to 85°C	Q
MIC38C45	UC3845	8, 14	PDIP, SOP	0° to 70°C	Q
MIC38HC42	UC3842	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	Q
MIC38HC43	UC3843	8, 14, 20	PDIP, SOP, PLCC	0° to 70°C	Q
MIC38HC44	UC2844	8, 14	PDIP, SOP	-40° to 85°C	Q
MIC38HC45	UC3845	8, 14	PDIP, SOP	0° to 70°C	Q
MICROSEMI (LINFINTY)					
JAN723	UA723	14	PDIP, SOP	0° to 70°C	P
LX8117/A/B	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
LX8385/A/B	TL3317 (Planned - ADJ, 3.3V, 5.5V)	3	PowerFLEX, TO/SOT	0° to 125°C	S
LX8386/A/B	TL3317 (Planned - ADJ, 3.3V, 5.5V)	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LX8415	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
MC33064	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC33164	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC34064	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC34164	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
SG2524B	SG2524	16	PDIP, SOP	-25° to 85°C	S
SG317/A	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	P
SG3524B	SG3524	16	PDIP, SOP	0° to 70°C	S
SG723	UA723	14	PDIP, SOP	0° to 70°C	P

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
MICROSEMI (LINFINTY) (Continued)					
SG7805/A	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	P
SG7812/A	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	P
SG7815/A	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	P
UC3845A	TL3845, UC3845	8, 14	PDIP, SOP	0° to 70°C	Q
MITSUBISHI					
M75176	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
M75179	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
NATIONAL SEMICONDUCTOR (NSC)					
DS14185	GD75232, SN75C185	20	PDIP, SOP	0° to 70°C	Q
DS14185	SN75185	20	PDIP, SOP	0° to 70°C	S
DS14185	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
DS14185	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
DS14196	GD75323, SN75196	20	PDIP, SOP	0° to 70°C	Q
DS14196	SN75LP196	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
DS1488	SN75188	14	PDIP, SOP	0° to 70°C	Q
DS1489/A	MC1489/A, SN75189/A	14	PDIP, SOP	0° to 70°C	Q
DS1489/A	SN75C189/A	14	PDIP, SOP	0° to 70°C	Q
DS14C232	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS14C232	SN75LBC241	28	SOP	0° to 70°C	Q
DS14C238	SN75186	24	SOP	0° to 70°C	F
DS14C535	SN75LV4737A	28	SSOP	0° to 70°C	Q
DS14C88	SN75C188	14	PDIP, SOP	0° to 70°C	Q
DS14C89	SN75C189	14	PDIP, SOP, SSOP	0° to 70°C	Q
DS14C89A	SN75C189A	14	PDIP, SOP, SSOP	0° to 70°C	Q
DS16F95	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	F
DS2003	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
DS26C31	AM26C31	16	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
DS26C31	AM26LS31	16	PDIP, SOP	0° to 70°C	Q
DS26C31	AM26LV31	16	PDIP, SOP	0° to 70°C	F
DS26C32A	AM26C32	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS26C32A	AM26LS32A	16	PDIP, SOP	0° to 70°C	Q
DS26C32A	AM26LV32	16	PDIP, SOP	0° to 70°C	F
DS26LS31	AM26C31	16	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
DS26LS31	AM26LS31	16	PDIP, SOP	0° to 70°C	Q
DS26LS31	AM26LV31	16	PDIP, SOP	0° to 70°C	F
DS26LS32	AM26C32	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS26LS32	AM26LS32A	16	PDIP, SOP	0° to 70°C	Q
DS26LS32	AM26LV32	16	PDIP, SOP	0° to 70°C	F
DS26LV31	AM26C31	16	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
DS26LV31	AM26LS31	16	PDIP, SOP	0° to 70°C	Q
DS26LV31	AM26LV31	16	PDIP, SOP	0° to 70°C	F
DS26LV32A	AM26C32	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS26LV32A	AM26LS32A	16	PDIP, SOP	0° to 70°C	Q
DS26LV32A	AM26LV32	16	PDIP, SOP	0° to 70°C	F
DS3486	MC3486	16	PDIP, SOP	0° to 70°C	Q
DS3487	MC3487	16	PDIP, SOP	0° to 70°C	Q
DS34C86	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS34C86	MC3486	16	PDIP, SOP	0° to 70°C	Q
DS34C86	SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS34C87	SN75LBC174	16, 20	PDIP, SOIC, SOP	0° to 70°C, -40° to 85°C	Q

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NATIONAL SEMICONDUCTOR (NSC) (Continued)					
DS34C87	MC3487	16	PDIP, SOP	0° to 70°C	Q
DS36278	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS3680	DS3680	14	PDIP, SOP	0° to 70°C	S
DS3695	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS3695A	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS36C278	SN65LBC176	8	PDIP, SOP	-40° to 85°C, -40° to 125°C	Q
DS36C279	SN65LBC176	8	PDIP, SOP	-40° to 85°C, -40° to 125°C	Q
DS36F95	SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS485	SN75176B, SN75ALS176/A/B	8	PDIP, SOP	0° to 70°C	Q
DS75150	SN75150	8	PDIP, SOP	0° to 70°C	Q
DS75154	SN75154	16	PDIP, SOP	0° to 70°C	Q
DS75176	SN75LBC176	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS75176B	SN75176B	8	PDIP, SOP	0° to 70°C	Q
DS75361	SN75372	8	PDIP, SOP	0° to 70°C	Q
DS75365	SN75374	16	PDIP, SOP	0° to 70°C	Q
DS75451	SN75451B	14	PDIP, SOP	0° to 70°C	S
DS75452	SN75452B	14	PDIP, SOP	0° to 70°C	S
DS75453	SN75453B	14	PDIP, SOP	0° to 70°C	S
DS89C21	SN75LBC179	8	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS89C21	SN75LBC179	8	PDIP, SOP	0° to 70°C	Q
DS96172	SN75172, SN75ALS172A	16	PDIP	0° to 70°C	Q
DS96174	SN75174, SN75ALS174A	16	PDIP	0° to 70°C	Q
DS9636A	UA9636A	8	PDIP, SOP	0° to 70°C	Q
DS96F172	SN75LBC172	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS96F172	SN75172, SN75ALS172A	16	PDIP	0° to 70°C	Q
DS96F172	SN75LBC172	16, 20	PDIP, SOP	0° to 70°C	Q
DS96F173	SN75LBC173	16	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS96F173	SN75LBC173	16	PDIP, SOP	0° to 70°C	Q
DS96F174	SN75LBC174	16, 20	PDIP, SOIC, SOP	0° to 70°C, -40° to 85°C	Q
DS96F174	SN75174, SN75ALS174A	16	PDIP	0° to 70°C	Q
DS96F175	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
DS96F175	SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
DS96F176	SN75LBC176	8	PDIP, SOIC, SOP	0° to 70°C, -40° to 85°C	Q
LF147	TLE2074, TLE2084	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF347	LF347	14	PDIP, SOP	0° to 70°C	S
LF347	TL074/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347	TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF347	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
LF351	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF353	LF353	8	PDIP, SOP	0° to 70°C	S
LF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF353	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF353	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LF356	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF357	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF400	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF411	LF411	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LF411	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF411A	LF411	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF412	LF412	8	PDIP, SOP	0° to 70°C	S
LF412	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
NATIONAL SEMICONDUCTOR (NSC) (Continued)					
LF412	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LF412A	LF412	8	PDIP, SOP	0° to 70°C	Q
LF441	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF442	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF442	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF444	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF444	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF451	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF453	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF453	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
LM1085	TL3317 (Planned - ADJ, 3.3V, 5.5V)	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM1117	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	Q
LM137	LM237	3	PowerFLEX, TO/SOT	-25° to 150°C	S
LM1458	MC1458	8	PDIP, SOP	0° to 70°C	S
LM1458	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LM1558	MC1558	8	PDIP, LCCC	-55° to 125°C	S
LM1577	TPS6734	8	PDIP, SOP	-40° to 85°C	Q
LM211	LM211	8	PDIP, SOP	-40° to 85°C	P
LM224/A	LM224/A	14	PDIP, SOP	-25° to 85°C	P
LM236-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
LM236A-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	Q
LM239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	P
LM248	LM248	14	PDIP, SOP	-25° to 85°C	P
LM2524D	SG2524	16	PDIP, SOP	-25° to 85°C	Q
LM2577	TPS6734	8	PDIP, SOP	-40° to 85°C	Q
LM258/A	LM258/A	8	PDIP, SOP	-25° to 85°C	P
LM285-1.2	LM285-1.2	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM285-2.5	LM285-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM2900	LM2900	14	PDIP, SOP	-40° to 85°C	S
LM2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2901	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LM2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM293	LM293/A	8	PDIP, SOP	-25° to 85°C	P
LM2930 (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2930 (8V)	TL750L08	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2931/A (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2937-3.3	TLV2217-33	2, 3, 20	PowerFLEX, TO/SOT, TSSOP	0° to 125°C	P
LM293A	LM293A	8	SOP	-25° to 85°C	P
LM301A	TL080	8	PDIP, SOP	0° to 70°C	Q
LM308/A	TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LM311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM317	LM317M	2	PowerFLEX	0° to 125°C	P
LM317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	S
LM318	LM318	8	PDIP, SOP	0° to 70°C	S
LM324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
LM324	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LM324	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LM324A	LM324A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
NATIONAL SEMICONDUCTOR (NSC) (Continued)					
LM330	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	S
LM3302	LM3302	14	PDIP, SOP	-40° to 85°C	S
LM337	LM337	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LM339A	LM339A	14	PDIP, SOP	0° to 70°C	S
LM340 (12V)	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340 (15V)	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340 (5V)	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340A (12V)	UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM340A (15V)	UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM340A (5V)	UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM348	LM348	14	PDIP, SOP	0° to 70°C	S
LM349	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
LM3524D	SG3524	16	PDIP, SOP	0° to 70°C	Q
LM358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM358	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM358	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LM358	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM358	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
LM358A	LM358A	8, 14	PDIP, SOP	0° to 70°C	S
LM385-1.2, LM385B-1.2	LM385-1.2	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM385-2.5, LM385B-2.5	LM385-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM3900	LM3900	14	PDIP, SOP	0° to 70°C	S
LM393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM393	TLC393	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM3940	TLV2217-33	2, 3, 20	PowerFLEX, TO/SOT, TSSOP	0° to 125°C	Q
LM4040 (2.5V)	LT1004-2.5	3, 8	SOP, TO/SOT	0° to 70°C, -40° to 85°C	P
LM431	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	Q
LM431	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
LM431A	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
LM4480	TPA102	8	MSOP	-40° to 85°C	Q
LM4481	TPA102	8	MSOP	-40° to 85°C	Q
LM4860	TPA4860	16	SOP	-40° to 85°C	S
LM4861	TPA4861	8	SOP	-40° to 85°C	S
LM4864	TPA301	8	MSOP	-40° to 85°C	Q
LM4871	TPA4861	8	SOP	-40° to 85°C	Q
LM4871	TPA701	8	MSOP	-40° to 85°C	Q
LM4880	TPA122	8	MSOP	-40° to 85°C	Q
LM4880	TPA152	8	SOP	-40° to 85°C	Q
LM4881	TPA102, TPA122	8	MSOP	-40° to 85°C	Q
LM555	NE555, SA555	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LM556	NE556, SA556	14	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LM6181	THS3001	8	SOP	0° to 70°C, -40° to 85°C	Q
LM6218	THS4052	8	MSOP	0° to 70°C, -40° to 85°C	Q
LM6261	THS4051	8	MSOP	0° to 70°C, -40° to 85°C	Q
LM6262	THS4061	8	MSOP	0° to 70°C, -40° to 85°C	Q
LM6264	THS4001	8	SOP	0° to 70°C, -40° to 85°C	Q
LM6265	THS4021	8	MSOP	0° to 70°C, -40° to 85°C	Q
LM709	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
LM723C	UA723	14	PDIP, SOP	0° to 70°C	S
LM741	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
NATIONAL SEMICONDUCTOR (NSC) (Continued)					
LM741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LM747	MC1458	8	PDIP, SOP	0° to 70°C	P
LM748	TLE2037	8	SOP	0° to 70°C, -40° to 85°C	Q
LM7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78L05/A	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L09A	UA78L09A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L12/A	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L15A	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L62A	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L82A	UA78L08A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78M05	UA78M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M12	UA78M12	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
LM833	NE5532/A	8	PDIP	0° to 70°C	Q
LM833	TLV2362	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6022	TLC2252, TLC27L2, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6024	TLC2254, TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6024	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6032	TLC2262, TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6032	TLC27M2, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6034	TLC2264, TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6034	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC6034	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6042	TLC2252, TLC27L2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6044	TLC2254, TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6062	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6062	TLC2252	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6062	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
LMC6064	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6064	TLC2254	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6064	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC6081	TLC2201	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6082	TLC2262, TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6082	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6082	TLC277, TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6084	TLC2264, TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6084	TLC279, TLC27M9	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
LMC6084	TLV2434, TLV2444	14	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6142	TLV2782	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6462	TLC27L7	8	SOP	0° to 70°C, -40° to 85°C	Q
LMC6462	TLV2322	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6462	TLV2454	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6464A	TLC27L9	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC6464A	TLV2324	14	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6482	TLC2272, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6482	TLC277	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC6484	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6484	TLC279	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
LMC6492A	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6494	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC6494A	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
NATIONAL SEMICONDUCTOR (NSC) (Continued)					
LMC6572	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC6572	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
LMC6572	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6572A	TLC2252	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6574	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC6574	TLV2254	14	PDIP, SOP	-40° to 85°C	Q
LMC6574	TLV2264, TLV2324	14	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6582A	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC6584A	TLV2264	14	PDIP, SOP, TSSOP	-40° to 85°C	Q
LMC660	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC660	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC660	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LMC660	TLV2434, TLV2444	14	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC662	TLC2202	8, 14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LMC662	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC662	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LMC662	TLV2432	8	SOP	-40° to 125°C	Q
LMC662	TLV2442	8	SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LMC7101	TLV2721, TLV2731	5	TSSOP	0° to 70°C, -40° to 85°C	Q
LMC7111	TLV2711	5	TSSOP	0° to 70°C, -40° to 85°C	Q
LMC7660	LT1054	8, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
LMV321	LMV321	5	SC70, SOT23	-40° to 85°C	S
LMV324	LMV324	14	SOP, TSSOP	-40° to 85°C	S
LMV331	LMV331	5	SC70, SOT23	-40° to 85°C	S
LMV339	LMV339	14	SOP, TSSOP	-40° to 85°C	S
LMV358	LMV358	8	SOP, TSSOP	-40° to 85°C	S
LMV393	LMV393	8	SOP, TSSOP	-40° to 85°C	S
LMV431/A	TLV431/A	3, 5, 8	SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
LMV821	TLV821 (Planned)	5	SC70, SOT23	-40° to 85°C	S
LMV822	TLV822 (Planned)	8	SOP, TSSOP	-40° to 85°C	S
LMV824	TLV824 (Planned)	14	SOP, TSSOP	-40° to 85°C	S
LP2950 (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	P
LP324	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
LP324	TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LP324	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LP339	LP339	14	PDIP, SOP	0° to 70°C	S
LP339	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LPC660	TLC2254, TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LPC660	TLC2264	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LPC660	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LPC662	TLC2252, TLC27L2, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LPC662	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
LPC662	TLV2252	8	PDIP, SOP	-40° to 85°C	Q
MAX660	LT1054	8, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	P
TL081	TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL082	TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
UA78L12	UA78L12A	3, 8	TO/SOT, SOP	0° to 125°C	S
NEC ELECTRONICS					
UPC254	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
UPC4061	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
UPC4062	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
NEC ELECTRONICS (Continued)					
UPC4064	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
UPC815	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
UPC816	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
UPC842	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
UPC844	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
UPD5555	TLC551	8	PDIP, SOP	0° to 70°C	Q
UPD5555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
NEW JAPAN RADIO (NJR)					
NJM2082	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
NJM2100	TLV2361	5	TSSOP	-40° to 85°C	Q
NJM2100	TLV2362	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
NJM2107	TLV2361	5	TSSOP	-40° to 85°C	Q
NJM2112	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
NJM2115	TLV2361	5	TSSOP	-40° to 85°C	Q
NJM2115	TLV2362	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
NJM2119	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
NJM2162	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJM2164	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJM4580	RC4580I	8	PDIP, SOIC, TSSOP	-40° to 85°C	S
NJMOP-07	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
NJU7002	TLC25L2	8	PDIP, SOP, TSSOP	0° to 70°C	Q
NJU7004	TLC25L4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
NJU7022	TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7024	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7032	TLC2272, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7034	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7034	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
NJU7051	TLC2201	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7052	TLC1078	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7054	TLC1079	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7061	TLC2201	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7062	TLC27M7	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7064	TLC27M9	14	PDIP, SOP, SSOP	0° to 70°C, -40° to 85°C	Q
NJU7074	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7102	TLC3702	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7104	TLC3704	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NJU7112	TLC372	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
NJU7114	TLC374	14	SOP	0° to 70°C, -40° to 85°C	Q
ON SEMICONDUCTOR					
LF347	LF347	14	PDIP, SOP	0° to 70°C	S
LF347	TL074/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347	TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347B	LF347B	14	PDIP, SOP	0° to 70°C	S
LF351	TL071/A, TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF353	LF353	8	PDIP, SOP	0° to 70°C	S
LF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF412	LF412	8	PDIP, SOP	0° to 70°C	S
LF441C	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF442C	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF444C	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

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ON SEMICONDUCTOR (Continued)					
LM211	LM211	8	PDIP, SOP	-40° to 85°C	S
LM224	LM224/A	14	PDIP, SOP	-25° to 85°C	S
LM239	LM239/A	14	PDIP, SOP	-25° to 125°C	P
LM239A	LM239/A	14	PDIP, SOP	-25° to 125°C	P
LM258	LM258/A	8	PDIP, SOP	-25° to 85°C	S
LM285	LM285-1.2/-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM293	LM293	8	PDIP, SOP	-25° to 85°C	S
LM2931/A (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	S
LM317M	LM317M	2	PowerFLEX	0° to 125°C	P
LM324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
LM324A	LM324A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM337/B	LM337	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339A	LM339A	14	PDIP, SOP	0° to 70°C	S
LM340 (12V)	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340 (15V)	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340 (5V)	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM340A (12V)	UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM340A (15V)	UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM340A (5V)	UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	Q
LM348	LM348	14	PDIP, SOP	0° to 70°C	S
LM358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM385	LM385-1.2	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM385B	LM385-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	S
LM393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM833	NE5532/A	8	PDIP	0° to 70°C	Q
LP2950/A (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
MC1413	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
MC1413T	SN75468	16	PDIP, SOP	0° to 70°C	Q
MC1416	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q
MC145403	GD75232, SN75185, SN75C185	20	PDIP, SOP	0° to 70°C	Q
MC145403	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
MC145403	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
MC145405	GD75323, SN75196	20	PDIP, SOP	0° to 70°C	P
MC145405	SN75LP196	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	P
MC145406	SN75C1406, TL145406	16	PDIP, SOP	0° to 70°C	P
MC1455	NE555	8	PDIP, SOP	0° to 70°C	S
MC145583	SN75LV4737A	28	SSOP	0° to 70°C	F
MC1455B	SA555	8	PDIP, SOP	-40° to 85°C	S
MC1458	MC1458	8	PDIP, SOP	0° to 70°C	S
MC1458	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC1488	SN75188	14	PDIP, SOP	0° to 70°C	P
MC1488	SN75C188	14	PDIP, SOP	0° to 70°C	Q
MC1489	MC1489/A, SN75189/A	14	PDIP, SOP	0° to 70°C	P
MC1489	SN75C189/A	14	PDIP, SOP	0° to 70°C	P

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ON SEMICONDUCTOR (Continued)					
MC1489A	MC1489/A, SN75189/A	14	PDIP, SOP	0° to 70°C	P
MC1489A	SN75C189/A	14	PDIP, SOP	0° to 70°C	P
MC1723	UA723	14	PDIP, SOP	0° to 70°C	S
MC1741	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
MC1741C	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
MC1747	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC3302	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	Q
MC3303	MC3303	14	PDIP, SOP	-40° to 85°C	S
MC33064	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC33072	TL3472	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33074	TL3474	14	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33074A	TL3474AI	14	PDIP, SOIC, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33076	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33076	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC33077	TLE2027	8	SOP	0° to 70°C, -40° to 85°C	Q
MC33078	NE5532/A	8	PDIP	0° to 70°C	Q
MC33078	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC33079	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33164	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC33171	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33171	TLE2021	8	SOP	0° to 70°C, -40° to 85°C	Q
MC33172	TL062/A, TLC272, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33172	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC33174	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33174	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
MC33174	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33174	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33178	TLE2062, TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33178	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC33178	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC33179	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33179	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33179	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC33179	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33181	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33182	TL062/A, TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33182	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33184	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33184	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33184	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33202	TLC2272, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33204	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33204	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
MC33272	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC33274	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC33282	TL052/A, TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33282	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC33284	TL054/A	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33284	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33284	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC34001	TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34002	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q

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ON SEMICONDUCTOR (Continued)					
MC34002	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC34002B	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC34004	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC34004	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC34004B	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC3403	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	S
MC3403	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
MC3403	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34060	UA723	16	PDIP, SOP	0° to 70°C, -40° to 85°C	F
MC34064	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC34071	TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34071	TLE2141	8	SOP	0° to 70°C, -40° to 105°C	Q
MC34072	TL3472	8	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC34072	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC34072	TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC34074	TL3474	14	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC34074	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC34074	TLE2141, TLE2142	8	SOP	0° to 70°C, -40° to 105°C	Q
MC34074	TLE2144	14, 16	PDIP, SOP	0° to 70°C, -40° to 105°C	Q
MC34074A	TL3474AC	14	PDIP, SOIC, TSSOP	0° to 70°C	Q
MC34080	TLE2071	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34081	TLE2071, TLE2081	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34082	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34082	TLE2082	8	PDIP	0° to 70°C, -40° to 85°C	Q
MC34083	TLE2072	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34084	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34084	TLE2084	14, 16	PDIP, SOP	0° to 70°C	Q
MC34085	TLE2074	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34164	TL7757	3, 8	SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	Q
MC34181	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34181	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34182	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC34182	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34184	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC34184	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34268	TL-SCSI285	20	TSSOP	0° to 125°C	F
MC3456	NE556, SA556	14	PDIP, SOP	0° to 70°C, -40° to 85°C	S
MC3458	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	Q
MC3458	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
MC3458	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC3458	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC3486	MC3486	16	PDIP, SOP	0° to 70°C	Q
MC3487	MC3487	16	PDIP, SOP	0° to 70°C	Q
MC3488A	UA9636A	8	PDIP, SOP	0° to 70°C	S
MC34C86	SN75LBC175	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MC34C86	SN75LBC175	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC34C87	SN75LBC174	16, 20	PDIP, SOIC	0° to 70°C, -40° to 85°C	Q
MC34C87	SN75LBC174	16, 20	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC4558	RC4558	8	PDIP, SOP	0° to 70°C	S
MC4558	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC4741	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
MC4741C	TL084/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ON SEMICONDUCTOR (Continued)					
MC75174B	SN75174	16	PDIP	0° to 70°C	S
MC75174B	SN75174	20	SOP	0° to 70°C	S
MC7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7805A	UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7808A	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7812A	UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7815A	UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7824A	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC78L05A	UA78L05A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78L08A	UA78L08A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78L09A	UA78L09A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78L12	UA78L12A	3, 8	TO/SOT, SOP	0° to 125°C	S
MC78L12A	UA78L12A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78L15A	UA78L15A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC78M05	UA78M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M05A	UA78M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC78M06	UA78M06	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M08	UA78M08	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M08A	UA78M08	2, 3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC78M09	UA78M09	2	PowerFLEX	0° to 125°C	P
MC78M12	UA78M12	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M12A	UA78M12	2, 3	PowerFLEX, TO/SOT	0° to 125°C	Q
MC7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
MC7908	UA79M08	2	PowerFLEX	0° to 125°C	P
MC79L05/A	MC79L05A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC79L12/A	MC79L12/A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC79L15/A	MC79L15/A	3, 8	SOP, TO/SOT	0° to 125°C	S
MC79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC79M08	UA79M08	2	PowerFLEX	0° to 125°C	P
NE556	NE556, SA556	14	PDIP, SOP	0° to 70°C, -40° to 85°C	S
SN75175	SN75175	16	PDIP, SOP	0° to 70°C	S
TL061	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL062	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL062	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL062A	TL062A	8	PDIP, SOP	0° to 70°C	S
TL064	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL064	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL064A	TL064A	14	PDIP, SOP	0° to 70°C	S
TL071	TL071/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL071A	TL071A	8	PDIP, SOP	0° to 70°C	S
TL072	TL072/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL072A	TL072A	8	PDIP, SOP	0° to 70°C	S
TL074	TL074/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL074A	TL074A	14	PDIP, SOP	0° to 70°C	S
TL081	TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL081A	TL081A	8	PDIP, SOP	0° to 70°C	S
TL082	TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL082A	TL082A	8	PDIP, SOP	0° to 70°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ON SEMICONDUCTOR (Continued)					
TL084	TL084/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL084A	TL084A	14	PDIP, SOP	0° to 70°C	S
TL431	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
TL431A	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
TL431B	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	S
TL494	TL494	16	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	S
TL494	TL594	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL594	TL594	16	PDIP, SOP	0° to 70°C, -40° to 85°C	S
PHILIPS SEMICONDUCTOR					
AU2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
AU2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
AU2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
AU2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
ICL7621	TLC25M2	8	PDIP, SOP, TSSOP	0° to 70°C	Q
ICL7621	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7641	TLC25M4	8, 14	PDIP, SOP, TSSOP	0° to 70°C	Q
ICL7641	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7641	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
ICL7642	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ICL7650	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ICL7652	TLC2652	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
ICL7652	TLC4502	8	SOP	0° to 70°C, -40° to 85°C	Q
ICM7555	TLC551	8	PDIP, SOP	0° to 70°C	Q
ICM7555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
LM211	LM211	8	PDIP, SOP	-40° to 85°C	S
LM224	LM224/A	14	PDIP, SOP	-25° to 85°C	S
LM239	LM239/A	14	PDIP, SOP	-25° to 125°C	P
LM239A	LM239/A	14	PDIP, SOP	-25° to 125°C	P
LM258	LM258/A	8	PDIP, SOP	-25° to 85°C	S
LM2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM293	LM293/A	8	PDIP, SOP	-25° to 85°C	P
LM293A	LM293A	8	SOP	-25° to 85°C	S
LM311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM311B	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	Q
LM324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
LM324A	LM324A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339A	LM339A	14	PDIP, SOP	0° to 70°C	S
LM358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM358A	LM358A	8, 14	PDIP, SOP	0° to 70°C	S
LM393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
MC1458	MC1458	8	PDIP, SOP	0° to 70°C	S
MC1558	MC1558	8	PDIP, LCCC	-55° to 125°C	S
NE4558	RC4558	8	PDIP, SOP	0° to 70°C	S
NE5234	TLV2264	14	PDIP, SOP, TSSOP	-40° to 85°C	Q
NE532	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
NE5514	MC3303, MC3403	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
NE5532/A	NE5532/A	8	PDIP	0° to 70°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
PHILIPS SEMICONDUCTOR (Continued)					
NE5534	NE5534/A	8	PDIP, SOP	0° to 70°C	S
NE5534A	NE5534A	8	PDIP, SOP	0° to 70°C	S
NE555	NE555	8	PDIP, SOP	0° to 70°C	S
NE556, NE556-1	NE556	14	PDIP, SOP	0° to 70°C	S
SA532	LM258/A	8	PDIP, SOP	-25° to 85°C	S
SA5532/A	NE5532/A	8	PDIP	0° to 70°C	S
SA555	SA555	8	PDIP, SOP	-40° to 85°C	S
SA556	SA556	14	PDIP, SOP	-40° to 85°C	S
SA741C	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TDA1308	TPA122	8	MSOP	-40° to 85°C	Q
TDA1308	TPA152	8	SOP	-40° to 85°C	Q
UA741C	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
SAMSUNG ELECTRONICS					
KA1458	MC1458	8	PDIP, SOP	0° to 70°C	S
KA1458	MC1558	8	PDIP, LCCC	-55° to 125°C	S
KA1458A	MC1458	8	PDIP, SOP	0° to 70°C	S
KA1458A	MC1558	8	PDIP, LCCC	-55° to 125°C	S
KA224	LM224/A	14	PDIP, SOP	-25° to 85°C	S
KA224A	LM224A	14	PDIP, SOP	-25° to 85°C	S
KA236-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
KA239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	S
KA248	LM248	14	PDIP, SOP	-25° to 85°C	S
KA258/A	LM258/A	8	PDIP, SOP	-25° to 85°C	S
KA2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
KA2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
KA293	LM293/A	8	PDIP, SOP	-25° to 85°C	S
KA293A	LM293A	8	SOP	-25° to 85°C	S
KA311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
KA317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	Q
KA324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
KA324A	LM324A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
KA3302	LM3302	14	PDIP, SOP	-40° to 85°C	S
KA3303	MC3303	14	PDIP, SOP	-40° to 85°C	S
KA336-2.5/-2.5B	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
KA337	LM337	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
KA339A	LM339A	14	PDIP, SOP	0° to 70°C	S
KA3403	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	S
KA348	LM348	14	PDIP, SOP	0° to 70°C	S
KA358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
KA393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
KA431	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
KA431	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
KA4558/A	RC4558	8	PDIP, SOP	0° to 70°C	S
KA5532	NE5532/A	8	PDIP	0° to 70°C	S
KA555	NE555	8	PDIP, SOP	0° to 70°C	S
KA555	SA555	8	PDIP, SOP	-40° to 85°C	S
KA556	NE556	14	PDIP, SOP	0° to 70°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
SAMSUNG ELECTRONICS (Continued)					
KA556	SA556	14	PDIP, SOP	-40° to 85°C	S
KA710	TL714	8	PDIP, SOP	0° to 70°C	P
KA723	UA723	14	PDIP, SOP	0° to 70°C	S
KA741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
KA7805	TL780-05	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7805	UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78L05	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q
KA78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L12	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78L15	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
KA78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
KA7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
KA7908	UA79M08	2	PowerFLEX	0° to 125°C	P
KA79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
KF347	LF347	14	PDIP, SOP	0° to 70°C	S
KF347	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
KF347A	LF347B	14	PDIP, SOP	0° to 70°C	S
KF347A	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
KF351	TL071/A, TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
KF353	LF353	8	PDIP, SOP	0° to 70°C	S
KF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347	LF347	14	PDIP, SOP	0° to 70°C	S
LF347	LF347	14	PDIP, SOP	0° to 70°C	S
LF347	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF353	LF353	8	PDIP, SOP	0° to 70°C	S
LF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM1458/A	MC1458	8	PDIP, SOP	0° to 70°C	S
LM1458/A	MC1558	8	PDIP, LCCC	-55° to 125°C	S
LM224/A	LM224/A	14	PDIP, SOP	-25° to 85°C	S
LM236-2.5	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
LM239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	S
LM248	LM248	14	PDIP, SOP	-25° to 85°C	S
LM258/A	LM258/A	8	PDIP, SOP	-25° to 85°C	S
LM2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM293	LM293/A	8	PDIP, SOP	-25° to 85°C	S
LM293A	LM293A	8	SOP	-25° to 85°C	S
LM311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
SAMSUNG ELECTRONICS (Continued)					
LM317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	S
LM324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
LM3302	LM3302	14	PDIP, SOP	-40° to 85°C	S
LM336-2.5/-2.5B	LM236-2.5	3, 8	SOP, TO/SOT	-20° to 85°C	S
LM337	LM337	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339A	LM339A	14	PDIP, SOP	0° to 70°C	S
LM348	LM348	14	PDIP, SOP	0° to 70°C	S
LM353	LF353	8	PDIP, SOP	0° to 70°C	S
LM353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LM358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM358A	LM358A	8	PDIP, SOP	0° to 70°C	S
LM393/A	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM431/A	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
LM431B	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
LM431C	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	Q
LM431C	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	Q
LM555	NE555	8	PDIP, SOP	0° to 70°C	S
LM555	SA555	8	PDIP, SOP	-40° to 85°C	S
LM556	NE556	14	PDIP, SOP	0° to 70°C	S
LM556	SA556	14	PDIP, SOP	-40° to 85°C	S
LM710	TL714	8	PDIP, SOP	0° to 70°C	P
LM723	UA723	14	PDIP, SOP	0° to 70°C	S
LM741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
LM7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78L05	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q
LM78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L12	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78L15	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
LM78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
LM7908	UA79M08	2	PowerFLEX	0° to 125°C	P
LM79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
MC4558	RC4558	8	PDIP, SOP	0° to 70°C	S
MC7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7808	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7810	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7824	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78L05	UA78L05/A	8, 3	SOP, TO/SOT	0° to 125°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
SAMSUNG ELECTRONICS (Continued)					
MC78L06	UA78L06A	8, 3	SOP, TO/SOT	0° to 125°C	Q
MC78L08	UA78L08/A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L09	UA78L09/A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L10	UA78L10A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L12	UA78L12A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78L15	UA78L15A	8, 3	SOP, TO/SOT	0° to 125°C	S
MC78M05	UA78M05	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M06	UA78M06	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M08	UA78M08	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC78M12	UA78M12	3	PowerFLEX, TO/SOT	0° to 125°C	S
MC7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
MC7908	UA79M08	2	PowerFLEX	0° to 125°C	P
MC79M05	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
NE5532	NE5532/A	8	PDIP	0° to 70°C	S
NE555	NE555	8	PDIP, SOP	0° to 70°C	S
NE555	SA555	8	PDIP, SOP	-40° to 85°C	S
RC1117	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
RC3403A	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	Q
RC4136	RC4136	14	PDIP, SOP	0° to 70°C	S
RC4558	RC4558	8	PDIP, SOP	0° to 70°C	S
RC4559	RC4559	8	PDIP, SOP	0° to 70°C	S
RC5532	NE5532/A	8	PDIP	0° to 70°C	S
RC5532A	NE5532A	8	PDIP	0° to 70°C, -40° to 85°C	S
RC5534	NE5534/A	8	PDIP, SOP	0° to 70°C	S
RC5534A	NE5534A	8	PDIP, SOP	0° to 70°C	S
TL494	TL494	16	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	S
TL494	TL594	16	PDIP, SOP	0° to 70°C, -40° to 125°C	Q
SILICON GENERAL					
SG2003	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
SG2004	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q
SG2023	SN75468	16	PDIP, SOP	0° to 70°C	Q
SIPEX CORPORATION					
SP211	SN75LBC241	28	SOP	0° to 70°C	Q
SP232A	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
SP3221	GD75232	20	PDIP, SOP	0° to 70°C	S
SP3222E/EB	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3222EU	SN75C3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3223E/EB	MAX3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3223EU	SN75C3223	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3232E/EB	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3232EU	SN75C3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3238E	MAX3238	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3243E/EB	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
SP3243EU	SN75C3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ST MICROELECTRONICS (STM)					
L293B	L293	16	PDIP	0° to 70°C	Q
L293D	L293D	16	PDIP	0° to 70°C	Q
L387A	TPS7250	8	PDIP, SOP, TSSOP	-40° to 125°C	Q

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ST MICROELECTRONICS (STM) (Continued)					
L7805	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7805A	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7808/A	UA7808	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7812	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7812A	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7815	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7815A	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	S
L7824/A	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	S
L78L05/A	UA78L05/A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L06/A	UA78L06A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L08/A	UA78L08/A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L09/A	UA78L09/A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L12/A	UA78L12A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78L15/A	UA78L15A	3, 8	SOP, TO/SOT	0° to 125°C	S
L78M05	UA78M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
L78M06	UA78M06	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
L78M08	UA78M08	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
L78M09	UA78M09	2	PowerFLEX	0° to 125°C	P
L78M12	UA78M12	2, 3	PowerFLEX, TO/SOT	0° to 125°C	S
L78S05	TL780-05, UA7805	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L78S10	UA7810	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L78S12	TL780-12, UA7812	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L78S15	TL780-15, UA7815	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L78S24	UA7824	3	PowerFLEX, TO/SOT	0° to 125°C	Q
L7905	UA79M05	2, 3	PowerFLEX, TO/SOT	0° to 125°C	P
L7908	UA79M08	2	PowerFLEX	0° to 125°C	P
L79L05/A	MC79L05A	3, 8	SOP, TO/SOT	0° to 125°C	S
L79L12/A	MC79L12/A	3, 8	SOP, TO/SOT	0° to 125°C	S
L79L15/A	MC79L15/A	3, 8	SOP, TO/SOT	0° to 125°C	S
LD1085 (ADJ, 2.5V, 2.85V, 3.3V, 5.5V)	TL3317 (Planned - ADJ, 2.5V, 2.85V, 3.3V, 5V)	3	TO/SOT	0° to 125°C	S
LD1086 (ADJ, 2.5V, 2.85V, 3.3V, 5.5V)	TL3317 (Planned - ADJ, 2.5V, 2.85V, 3.3V, 5V)	3	PowerFLEX	0° to 125°C	Q
LD1117 (ADJ, 2.5V, 3.3V)	TLV1117 (Planned - ADJ, 2.5V, 3.3V)	2	PowerFLEX	0° to 125°C	P
LF247	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF251	TL071/A, TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF253	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF347	LF347	14	PDIP, SOP	0° to 70°C	S
LF347	TL074/A, TL084/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LF351	TL071/A, TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
LF353	LF353	8	PDIP, SOP	0° to 70°C	S
LF353	TL072/A, TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
LK115	TPS7201, TPS7233, TPS7248, TPS7250	8	PDIP, SOP, TSSOP	-40° to 125°C	Q
LM211	LM211	8	PDIP, SOP	-40° to 85°C	S
LM224/A	LM224/A	14	PDIP, SOP	-25° to 85°C	P
LM237	LM237	3	PowerFLEX, TO/SOT	-25° to 150°C	S
LM239/A	LM239/A	14	PDIP, SOP	-25° to 125°C	P
LM248	LM248	14	PDIP, SOP	-25° to 85°C	S
LM258	LM258/A	8	PDIP, SOP	-25° to 85°C	S
LM2901	LM2901	14	PDIP, SOP, TSSOP	-40° to 125°C	S

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Standard Linear Products Cross-Reference by Manufacturer

Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ST MICROELECTRONICS (STM) (Continued)					
LM2902	LM2902	14	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2903	LM2903	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM2904	LM2904	8	PDIP, SOP, TSSOP	-40° to 125°C	S
LM293	LM293/A	8	PDIP, SOP	-25° to 85°C	P
LM2931A (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2931A (5V)	TL751L05	8	PDIP, SOP	0° to 125°C	Q
LM2931B (5V)	TL750L05	3, 8	PDIP, SOP, TO/SOT	0° to 125°C	Q
LM2931B (5V)	TL751L05	8	PDIP, SOP	0° to 125°C	Q
LM293A	LM293A	8	SOP	-25° to 85°C	S
LM311	LM311	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM317	LM317	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM317L	TL317	3, 8	SOP, TO/SOT	0° to 125°C	S
LM317M	LM317M	2	PowerFLEX	0° to 125°C	P
LM318	LM318	8	PDIP, SOP	0° to 70°C	S
LM324	LM324/A	14	PDIP, SOP, TSSOP	0° to 70°C	S
LM324	LM324/LM324K	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM337	LM337/LM324KA	3	PowerFLEX, TO/SOT	0° to 125°C	S
LM339	LM339/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM339A	LM339A	14	PDIP, SOP	0° to 70°C	S
LM348	LM348	14	PDIP, SOP	0° to 70°C	S
LM358	LM358/A	8, 14	PDIP, SOP, SSOP, TSSOP	0° to 70°C	S
LM358A	LM358A	8, 14	PDIP, SOP	0° to 70°C	S
LM393	LM393/A	8	PDIP, SOP, TSSOP	0° to 70°C	S
LM723C	UA723	14	PDIP, SOP	0° to 70°C	S
LM833	NE5532/A	8	PDIP	0° to 70°C	Q
LS204	RC4558	8	PDIP, SOP	0° to 70°C	Q
LS404	TLC274	14	SOP	0° to 70°C, -40° to 85°C	Q
MC1458	MC1458	8	PDIP, SOP	0° to 70°C	S
MC1458	MC1558	8	PDIP, LCCC	-55° to 125°C	S
MC1558	MC1558	8	PDIP, LCCC	-55° to 125°C	S
MC3303	MC3303	14	PDIP, SOP	-40° to 85°C	S
MC33078	NE5532/A	8	PDIP	0° to 70°C	Q
MC33171	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
MC33172	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC33174	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
MC3403	MC3403	14	PDIP, SOP, TSSOP	0° to 70°C	S
MC4558	RC4558	8	PDIP, SOP	0° to 70°C	S
NE555	NE555	8	PDIP, SOP	0° to 70°C	S
NE556	NE556	14	PDIP, SOP	0° to 70°C	S
OP07C	OP07C/D	8	PDIP, SOP	0° to 70°C	Q
SA555	SA555	8	PDIP, SOP	-40° to 85°C	S
SA556	SA556	14	PDIP, SOP	-40° to 85°C	S
SG2524	SG2524	16	PDIP, SOP	-25° to 85°C	S
SG3524	SG3524	16	PDIP, SOP	0° to 70°C	S
ST232	MAX232	16	PDIP, SOP	0° to 70°C, -40° to 85°C	S
ST3222	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ST3222E	MAX3222	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ST3232	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ST3232E	MAX3232	20	SOIC, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ST3243	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
ST3243E	MAX3243	28	SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	Q
ST75185	GD75232	20	PDIP, SOP	0° to 70°C	Q

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Competitor's Generic Device Name	Texas Instruments Equivalent Device	Pin Count	Available Packages	Temperature Range	Usage Code*
ST MICROELECTRONICS (STM) (Continued)					
ST75185	SN75185	20	PDIP, SOP	0° to 70°C	S
ST75185	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
ST75185	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
ST75C185	SN75C185	20	PDIP, SOP	0° to 70°C	S
ST75C185	SN75LP1185	20	PDIP, SOP, SSOP, TSSOP	0° to 70°C	Q
ST75C185	SN75LPE185	24	PDIP, SOP, SSOP, TSSOP	0° to 70°C	F
TEB1033	TLE2022	8	SOP	0° to 70°C, -40° to 85°C	Q
TEB4033	TLE2024	14, 16	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL061	TL061/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL061	TLE2061	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL061A	TL061A	8	PDIP, SOP	0° to 70°C	S
TL062	TL062/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL062	TLE2062	8	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL062A	TL062A	8	PDIP, SOP	0° to 70°C	S
TL064	TL064/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL064	TLE2064	14	PDIP, SOP	0° to 70°C, -40° to 85°C	Q
TL064A	TL064A	14	PDIP, SOP	0° to 70°C	S
TL071	TL071/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL071A	TL071A	8	PDIP, SOP	0° to 70°C	S
TL072	TL072/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL072A	TL072A	8	PDIP, SOP	0° to 70°C	S
TL074	TL074/A	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL074A	TL074A	14	PDIP, SOP	0° to 70°C	S
TL081	TL081/A	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL081A	TL081A	8	PDIP, SOP	0° to 70°C	S
TL082	TL082/A	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL082A	TL082A	8	PDIP, SOP	0° to 70°C	S
TL084	TL084/A	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TL084A	TL084A	14	PDIP, SOP	0° to 70°C	S
TL1431	TL1431	2, 3, 8	PowerFLEX, SOP, TO/SOT	0° to 70°C, -40° to 125°C	S
TL7702A	TL7702A/B	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TL7705A	TL7705A/B	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TS271	TLC271	8	SOP	0° to 70°C, -40° to 85°C	S
TS272	TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS274	TLC274	14	SOP	0° to 70°C, -40° to 85°C	S
TS27L2	TLC27L2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS27L4	TLC27L4	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS27M2	TLC27M2	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS27M4	TLC27M4	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS339	TLC339	14	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TS3702	TLC3702	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS3704	TLC3704	14	PDIP, SOP, SSOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS372	TLC372	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
TS374	TLC374	14	SOP	0° to 70°C, -40° to 85°C	S
TS393	TLC393	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS3V555	TLC551	8	PDIP, SOP	0° to 70°C	S
TS3V555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS3V912	TLC2272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS3V914	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS431	TL431	2, 3, 8	PDIP, PowerFLEX, SIP, SOP, TO/SOT	0° to 70°C, -40° to 85°C	S
TS431A	TL431A	3, 8	PDIP, SOP, TO/SOT, TSSOP	0° to 70°C, -40° to 85°C	S
TS555	TLC555	8, 14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S

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ST MICROELECTRONICS (STM) (Continued)					
TS7705	TLC7705	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	S
TS822	LM285-2.5	3, 8	SOP, TO/SOT	-40° to 85°C	Q
TS822	LT1004-2.5	3, 8	PowerFLEX, TO/SOT	0° to 70°C, -40° to 85°C	Q
TS912	TLC2262	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
TS912	TLC2272, TLC272	8	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS912	TLV2262	8	PDIP, SOP, TSSOP	-40° to 85°C	Q
TS914	TLC2274	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 85°C	Q
TS944	TLV2404	14	PDIP, SOP, TSSOP	0° to 70°C, -40° to 125°C	Q
UA741	UA741	8	PDIP, SOP	0° to 70°C, -40° to 85°C	S
UC2842	TL2842, UC2842	8, 14	SOP	-40° to 85°C	S
ULN2002	ULN2002A	16	PDIP, SOP	-20° to 85°C	Q
ULN2003	ULN2003A	16	PDIP, SOP	-20° to 85°C	Q
ULN2004	ULN2004A	16	PDIP, SOP	-20° to 85°C	Q

*Usage Codes: **F**=Similar in functionality; **P**=Same functionality but not pin-for-pin and/or parametrically equivalent; **Q**=Same functionality and pinout but not exact equivalent; **S**=Exact equivalent

Packaging Information and Cross-Reference by Manufacturer

Standard Linear Products Cross-Reference by Device

Standard Linear Products Cross-Reference by Manufacturer

Packaging Information and Cross-Reference by Manufacturer

Competitor's Package	Equivalent TI Package	Package Type	Pin Count for TI Packages
ANALOG DEVICES (ADI)			
KS	DCK	SC-70	5
N	P	PDIP	8
N8	N	PDIP	14, 16, 20, 24, 28
P	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
R, RN	D	SOIC	8, 14, 16
RM	DGK	MSOP	8
	DGS	MSOP	10
R, RW	DW	SOIC Wide (SOWB)	16, 20, 24, 28
RS	DB	SSOP	14, 16, 20, 24, 28, 30, 38
RT	DBV	SOT-23	5
RU	PW	TSSOP	8, 14, 16, 20, 24, 28
S	D	SOIC	8, 14, 16
S	DW	SOIC Wide (SOWB)	16, 20, 24, 28
T9	LP, LPM	TO-92	3
U	PW	TSSOP	8, 14, 16, 20, 24, 28
RL, RL7, REEL, REEL7	R suffix	Tape & Reel	
FAIRCHILD			
C8	D	SOIC	8
D	D	SOIC	8, 14, 16
D	KTP*	DPAK (TO-252)	3
DT	KTP*	DPAK (TO-252)	3
G	PW	TSSOP	8, 14, 16, 20, 24, 28
	DB	SSOP	20
K8	DCU	SOT	8
M, M8, M14, etc.	D	SOIC	8, 14, 16
M, M8	DGK	MSOP	8
M, M5	DBV	SOT-23	5
M	DCK	SC-70	5
M	D	SOIC	8, 14, 16
M	KTE*	TO-263	3
M	PK	SOT-89	3
MA	DGK	MSOP	8
MC		TO-263 (Center Cut)	
MCT	PW	TSSOP	20
MEA	DL	SSOP	28, 48, 56
MSA	DB	SSOP	14, 16, 20, 24, 28, 30, 38
MT, MTC	PW	TSSOP	8, 14, 16, 20, 24, 28
MTD	DGG	TSSOP	48, 56, 64
MU, MU8	DGK	MSOP	8

*Denotes one-way compatibility: TI package CAN fit on competitor's land pattern but not vice versa

Competitor's Package	Equivalent TI Package	Package Type	Pin Count for TI Packages
FAIRCHILD (Continued)			
N	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
P	KTG	SPAK/ PowerFlex	5
P	LP	TO-92	3
P	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
P, P8, P14, etc.	PW	TSSOP	8, 14, 16, 20, 24, 28
P5	DCK	SC-70	5
PC	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
QSC	DBQ	SSOP	16, 20, 24
R	DBV	SOT-23	5
R	KTP*	DPAK (TO-252)	3
RR	KTE*	TO-263	3
S	DCY	SOT-223	4
S5	DCK	SC-70	5
SC	D	SOIC	14, 16
SC	DW	SOIC Wide (SOWB)	16, 20, 24, 28
SPC	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
SSC	DL	SSOP	28, 48, 56
T	LP	TO-92	3
T5	DBV	SOT-23	5
T, TA, TU	KC	TO-220	3
WM	DW	SOIC Wide (SOWB)	16, 20, 24, 28
X1TL	LP	TO-92	3
Z	LP	TO-92	3
X, XM, T, TF, TM, TR3, STF	R suffix	Tape & Reel	
XA, TA suffix	M suffix	Ammo Pack	
INTERSIL			
B, BA	D	SOIC	8, 14, 16
E	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
H	DBV	SOT23	5
J	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
M	D	SOIC	8, 14, 16
N	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
P, PA, PD	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
V	PW	TSSOP	8, 14, 16, 20, 24, 28
T, 96 suffix	R suffix	Tape & Reel	

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Packaging Information and Cross-Reference by Manufacturer

Competitor's Package	Equivalent TI Package	Package Type	Pin Count for TI Packages
LINEAR TECHNOLOGY			
F, FW	PW	TSSOP	8, 14, 16, 20, 24, 28
G, GW	DB	SSOP	14, 16, 20, 24, 28, 30, 38
M	KTE*	DDPAK (TO-263)	3
MS8, MS10	DGK, DGS	MSOP	8, 10
N8	P	PDIP	8
N	N	PDIP	14, 16, 20, 24, 28
NW	NT	PDIP	24, 28
Q	KTG*	DDPAK (TO-263)	5
S5	DBV	SOT-23	5
S8	D	SOIC	8
S	D	SOIC	8, 14, 16
ST	DCY	SOT-223	4
SW	DW	SOIC Wide (SOWB)	16, 20, 24, 28
T	T	TO-220	3
Z	LP, LPM	TO-92	3
#TR, T/R suffix	R suffix	Tape & Reel	
MAXIM**			
A pin # code	DB	SSOP	PIN # CODE R = 3 K = 5 T = 6 A = 8 D = 14 E = 16 N = 18 P = 20 I = 28
C pin # code	KC	TO-220	
N pin # code	P	PDIP	
	N	PDIP	
P pin # code	P	PDIP	
	N, P	PDIP	
S pin # code	D	SOIC	
U pin # code	DBV	SOT-23	
U pin # code	PW	TSSOP	
U pin # code	DCY	SOT-223	
W pin # code	DW	SOIC Wide (SOWB)	
X pin # code	DCK	SC-70	
Z pin # code	LP, LPM	TO-92	
T suffix	R suffix	Tape & Reel	
MICREL			
C5	DCK	SC-70	5
M5	DBV	SOT-23	5
N	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
R	KTG	SPAK/PowerFlex	5
S	DCY	SOT-223	4
SM	DB	SSOP	20, 24, 28
T	KC	TO-220	3
TS	PW	TSSOP	8, 14, 16, 20, 24, 28

* Denotes one-way compatibility: TI package CAN fit on competitor's land pattern but not vice versa

** Example: MAX3221CUET comes in TSSOP (U), 16 (E) pin, Tape & Reel (T)

Competitor's Package	Equivalent TI Package	Package Type	Pin Count for TI Packages
MICREL (Continued)			
U	KTG*	TO-263	3
	KTE*	TO-263	5
WM	DW	SOIC Wide (SOWB)	16, 20, 24, 28
Z	LP, LPM	TO-92	3
T & R suffix	R suffix	Tape & Reel	
AP suffix	M suffix	Ammo Pack	
NATIONAL			
DT	KTP*	DPAK (TO-252)	3
M	NS, PS	SOP	8, 14, 16
M	D	SOIC	8, 14, 16
M5	DBV	SOT-23	5
M7	DCK	SC-70	5
MA	D	SOIC	8, 14, 16
ME	DL	SSOP	28, 48, 56
MEB, MEC, MED	DB	SSOP	14, 16, 20, 24, 28, 30, 38
MF	DBV	SOT-23	5
MG	DCK	SC-70	5
MM	DGK	MINI SOIC (MSOP)	8
	DGS	MINI SOIC (MSOP)	10
MP	DCY	SOT-223	4
MQ, MQA	DB	SSOP	14, 16, 20, 24, 28, 30, 38
MS, MSA, MSC	DB	SSOP	14, 16, 20, 24, 28, 30, 38
MT	PW	TSSOP	8, 14, 16, 20, 24, 28
MW	DW	SOIC Wide (SOWB)	16, 20, 24, 28
N, NA	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
N8	P	PDIP	8
N14	N	PDIP	14
R	LP, LPM	TO-92	3
S	KTE*	TO-263	3
	KTG*	TO-263	5
T	KC	TO-220	3
TA	KC	TO-220	3
TD	KTP*	DPAK (TO-252)	3
TS	KTE*	TO-263	3
	KTG*	TO-263	5
WM	DW	SOIC Wide (SOWB)	16, 20, 24, 28
Z	LP, LPM	TO-92	3
ZA	LP, LPM	TO-92	3
X suffix	R suffix	Tape & Reel	

* Denotes one-way compatibility: TI package CAN fit on competitor's land pattern but not vice versa

Packaging Information and Cross-Reference by Manufacturer

Competitor's Package	Equivalent TI Package	Package Type	Pin Count for TI Packages
MOTOROLA/ON			
CP	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
D, D1, D2	D	SOIC	8, 14, 16
D2T	KTE*	D2PAK (TO-263)	3
	KTG*	D2PAK (TO-263)	5
DF	DCK	SC-70	5
DM	DGK	MSOP (MICRO-8)	8
DP, DP3	KTE*	D2PAK (TO-263)	3
DT	DCK	SC-70	5
DT	DGG	TSSOP	48, 56, 64
DT	KTP*	DPAK (TO-252)	3
DT, DTB	PW	TSSOP	8, 14, 16, 20, 24, 28
DW	DW	SOIC Wide (SOWB)	16, 20, 24, 28
F	PS	SOP	8
	NS	SOP	14, 16, 20, 24
H	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
KC	KC	TO-220	3
LP	Z	TO-92	3
M	DB	SSOP	14, 16, 20, 24, 28, 30, 38
	PS	SOP	8
M	NS	SOP	14, 16, 20, 24
	P	PDIP	8
N	N	PDIP	14, 16, 20, 24, 28
	P	PDIP	8
N8	P	PDIP	8
P	LP, LPM	TO-92	3
P, P1, P2	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
SD	DB	SSOP	14, 16, 20, 24, 28, 30, 38
	DBV	SOT-23	5
SQ	DCK	SC-70	5
ST	DCY	SOT-223	4
T, T3	KC	TO-220	3
TD	KTP*	DPAK (TO-252)	3
Z	LP, LPM	TO-92	3
R# suffix (R2, RA)	R suffix	Tape & Reel	
T# suffix (T1, T3)	R suffix	Tape & Reel	
EL, 1, 2, 3 suffixes	R suffix	Tape & Reel	

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Competitor's Package	Equivalent TI Package	Package Type	Pin Count for TI Packages
PHILIPS			
D, D8	D	SOIC	8, 14, 16
D	DW	SOIC Wide (SOWB)	16, 20, 24, 28
D	DBV	SOT23-5	5
DB	DW	SOIC Wide (SOWB)	16, 20, 24, 28
DB	DB	SSOP	14, 16, 20, 24, 28, 30, 38
			8, 14, 16, 20, 24, 28
DCK	DCK	SC-70	5
DGG	DGG	TSSOP	48, 56, 64
DGV	DGV	TVSOP	14, 16, 20, 24, 48, 56
DH	PW	TSSOP	8, 14, 16, 20, 24, 28
DL	DL	SSOP	28, 48, 56
DT	PW	TSSOP	8, 14, 16, 20, 24, 28
GKE	GKE	LFPGA	96
GKF	GKF	LFPGA	114
GW	DBV	SOT23-5	5
GW	DCK	SC-70	5
H	DB	SSOP	14, 16, 20, 24, 28, 30, 38
			8
N, NB	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
N, N2	NT	PDIP	24, 28
PN	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
PW	PW	TSSOP	8, 14, 16, 20, 24, 28
S	DW	SOIC Wide (SOWB)	16, 20, 24, 28
SDK	PW	TSSOP	8, 14, 16, 20, 24, 28
T, TD	D	SOIC	8, 14, 16
W	D	SOIC	8, 14, 16
T, G suffixes	R suffix	Tape & Reel	
SEMTECH			
5M	KTG*	TO-263	5
M	KTE*	TO-263	3
	KTG*	TO-263	5
M	D	SOIC	8, 14, 16
MS	DGK	MSOP	8
	DGS	MSOP	10
S	D	SOIC	8, 14, 16
S	DCY	SOT-223	4
S	KTG*	TO-263	5
SK	DBV	SOT-23	5
ST	DCY	SOT-223	4
T	KC	TO-220	3
Z	LP, LPM	TO-92	3
TR suffix	R suffix	Tape & Reel	

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Packaging Information and Cross-Reference by Manufacturer

Competitor's Package	Equivalent TI Package	Package Type	Pin Count for TI Packages
SIPEX			
A	DB	SSOP	14, 16, 20, 24, 28, 30, 38
M3	DCY	SOT-223	4
N	D	SOIC	8, 14, 16
P	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
R	KTP*	DPAK (TO-252)	3
S, S1, S2	D	SOIC	8, 14, 16
T	DW	SOIC Wide (SOWB)	16, 20, 24, 28
T	D	SOIC	8, 14, 16
T	KTE*	TO-263	3
U	KC	TO-220	3
Y	PW	TSSOP	8, 14, 16, 20, 24, 28

*Denotes one-way compatibility: TI package CAN fit on competitor's land pattern but not vice versa

Competitor's Package	Equivalent TI Package	Package Type	Pin Count for TI Packages
ST MICROELECTRONICS			
D	D	SOIC	8, 14, 16
D2M	KTE*	D ² PAK/A (TO-263)	3
DT	KTP*	DPAK (TO-252)	3
L	DBV	SOT23-5	5
M	DBV	SOT23-5	5
N	P	PDIP	8
	N	PDIP	14, 16, 20, 24, 28
P	PW	TSSOP	8, 14, 16, 20, 24, 28
S	DGK	MSOP	8
S	DCY	SOT-223	4
T	PW	TSSOP	8, 14, 16, 20, 24, 28
U	PK	SOT-89	3
V	KC	TO-220	3
W	DW	SOIC Wide (SOWB)	16, 20, 24, 28
Z	LP, LPM	TO-92	3
T, TR, T-R suffix	R suffix	Tape & Reel	
AP suffix	M suffix	Ammo pack	

*Denotes one-way compatibility: TI package CAN fit on competitor's land pattern but not vice versa

TI Part Number Example

LMV 393 A I D R

Products	Prefix Options	Typical Device Number	Optional Suffix	Temperature Suffix Options	Package Suffix Options	Carrier Suffix Options
Amplifiers and Comparators	LF, LM, LMV, LP, LT, MC, NE, OP, RC, SE, TL, TLV, UA	324	A, B	C, I, M	D, DB, DBV, DW, N, NS, P, PS, PW	R
Data Transmission Products and Peripheral Drivers	AM, LT, MAX, SN, TL, UA, ULN	75LPE185	A, B	C, I, M	D, DB, DGG, DL, DW, N, NS, NT, P, PM, PS, PW	R
Voltage Regulators and References	LM, LT, MC, SG, TL, TLV, UA, UC	431	A	C, I, M	D, DB, DBV, DW, KC, KTE, KTG, KTP, LP, N, NS, P, PK, PS, PW	R

Temperature Suffix Definitions

Some temperature suffixes have alternative temperature ranges.

C = 0 to 70°C (Commercial) M = -55 to 125°C (Military)

I, E = -40 to 85°C (Industrial)

Carrier Suffix Options

R = Available Taped-and-Reeled

Notes

Notes

Notes

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TI Semiconductor KnowledgeBase Home Page

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