



Cross Reference Guide

Siliconix & Fairchild to Linear Systems

Fairchild Discontinued T0-92 to Linear Integrated Systems Cross Reference List

Fairchild	Linear Integrated Systems	* = LIS Equivalent, No Asterisk = Closest LIS Equivalent
Part No.	Part No.	Description
J174	J174	JFET Switch, P-CH JFET
J175	J175	JFET Switch, P-CH JFET
J176	J176	JFET Switch, P-CH JFET
J177	J177	JFET Switch, P-CH JFET
J201	J201*	JFET Amplifier Single, N-CH JFET
J202	J202*	JFET Amplifier Single, N-CH JFET
J210	J210*	JFET Amplifier Single, N-CH JFET
J211	J211*	JFET Amplifier Single, N-CH JFET
J212	J212*	JFET Amplifier Single, N-CH JFET
J270	J177	JFET Amplifier Single, P-CH JFET
J271	J176	JFET Amplifier Single, P-CH JFET
J300	J310, PN4392	JFET Amplifier - Single, N-CH JFET
J304	PN4416A	JFET RF, N-CH JFET
J305	PN4416A	JFET RF, N-CH JFET
J308	J308, PN4392	JFET Amplifier - Single, N-CH JFET
J309	J309, PN4392	JFET Amplifier - Single, N-CH JFET
J310	J310, PN4392	JFET Amplifier - Single, N-CH JFET
P1086	J174, <i>See Note 3</i>	JFET Amplifier, P-CH JFET
P1087	J176, <i>See Note 3</i>	JFET Amplifier, P-CH JFET
PF5301	PF5301*	JFET Amplifier Single - High Frequency, JFET N-CH
PN4091	PN4391	JFET Switch, N-CH JFET
PN4092	PN4392	JFET Switch, N-CH JFET
PN4093	PN4393	JFET Switch, N-CH JFET
PN4117	PN4117	JFET Amplifier - Single - High Impedance
PN4118	PN4118	JFET Amplifier - Single - High Impedance
PN4391	PN4391	JFET Switch, N-CH JFET
PN4392	PN4392	JFET Switch, N-CH JFET
PN4393	PN4393	JFET Switch, N-CH JFET
PN4416	PN4416	JFET RF, N-CH JFET
PN5432	PN4391	JFET Switch, N-CH JFET
PN5434	PN4392	JFET Switch, N-CH JFET

Notes:

1. Closest LIS Equivalent = Minor electrical differences between Fairchild and LIS part numbers.
2. * = LIS equivalent. LIS part has the same electricals, package and pinouts as the Fairchild part number.
3. P1086 and P1087 have pinout difference with J174 and J175.

Siliconix/Vishay to Linear Integrated Systems Cross Reference List

Siliconix/Vishay	Linear Integrated Systems	* = LIS Equivalent, No Asterisk--Closest LIS Equivalent
Part Number	Part Number	Description
2N3954	LS3954	JFET Amplifier, Dual, Low Noise, Monolithic N-CH
2N3954A	LS3954A	JFET Amplifier, Dual, Low Noise, Monolithic N-CH
2N3955	LS3955	JFET Amplifier, Dual, Low Noise, Monolithic N-CH
2N3956	LS3956	JFET Amplifier, Dual, Low Noise, Monolithic N-CH
2N3958	LS3958	JFET Amplifier, Dual, Low Noise, Monolithic N-CH
2N4091	2N4391	JFET Switch, JFET N-CH
2N4092	2N4392	JFET Switch, JFET N-CH
2N4093	2N4393	JFET Switch, JFET N-CH
2N4117A	LS4117A	JFET Amplifier, Single, High Impedance
2N4118A	LS4118A	JFET Amplifier, Single, High Impedance
2N4118A	LS4119A	JFET Amplifier, Single, High Impedance
2N4391	2N4391	JFET Switch, JFET N-CH
2N4392	2N4392	JFET Switch, JFET N-CH
2N4393	2N4393	JFET Switch, JFET N-CH
2N4416	2N4416	JFET Amplifier Single - High Frequency, JFET N-CH
2N4416A	2N4416A	JFET Amplifier Single - High Frequency, JFET N-CH
2N4856A	2N4391	JFET Switch, N-CH JFET
2N4857A	2N4392	JFET Switch, N-CH JFET
2N4858A	2N4393	JFET Switch, N-CH JFET
2N5114	2N5114	JFET Switch, P-CH JFET
2N5115	2N5115	JFET Switch, P-CH JFET
2N5116	2N5116	JFET Switch, P-CH JFET
2N5196	LSK389A	JFET Amplifier - Dual - Low Noise, Monolithic Dual N-CH
2N5197	LSK389A	JFET Amplifier - Dual - Low Noise, Monolithic Dual N-CH
2N5198	LSK389A	JFET Amplifier - Dual - Low Noise, Monolithic Dual N-CH
2N5199	LSK389A	JFET Amplifier - Dual - Low Noise, Monolithic Dual N-CH
2N5432	2N4391	JFET Switch, N-CH JFET
2N5433	2N4391	JFET Switch, N-CH JFET
2N5434	2N4392	JFET Switch, N-CH JFET
2N5460	J177, See Note 4	JFET Switch, P-CH JFET
2N5461	J177, See Note 4	JFET Switch, P-CH JFET
2N5462	J176, See Note 4	JFET Switch, P-CH JFET
2N5484	LS4416	JFET Amplifier Single - High Frequency, JFET N-CH

Siliconix/Vishay	Linear Integrated Systems	* = LIS Equivalent, No Asterisk = Closest LIS Equivalent
Part No.	Part No.	Description
2N5485	LS4416	JFET Amplifier Single - High Frequency, JFET N-CH
2N5486	LS4416	JFET Amplifier Single - High Frequency, JFET N-CH
2N5545	LS840	JFET Amplifier - Dual - Low Noise, Monolithic N-CH
2N5546	LS841	JFET Amplifier - Dual - Low Noise, Monolithic N-CH
2N5547	LS841	JFET Amplifier - Dual - Low Noise, Monolithic N-CH
2N5564	LSK389C	JFET Amplifier - Dual - Low Noise , Monolithic Dual N-CH
2N5565	LSK389C	JFET Amplifier - Dual - Low Noise , Monolithic Dual N-CH
2N5566	LSK389C	JFET Amplifier - Dual - Low Noise , Monolithic Dual N-CH
2N5911	LS5911	JFET Amplifier - Dual - High Gain, Monolithic Dual N-CH
2N5912	LS5911	JFET Amplifier - Dual - High Gain, Monolithic Dual N-CH
3N163	3N163*	P-Channel Enhancement Mode MOSFET
3N164	3N164*	P-Channel Enhancement Mode MOSFET
3N165	3N165*	Monolithic Dual, P-Channel Enhancement Mode MOSFET
3N166	3N166*	Monolithic Dual, P-Channel Enhancement Mode MOSFET
3N170	3N170*	N-Channel Enhancement Mode MOSFET
3N171	3N171*	N-Channel Enhancement Mode MOSFET
3N190	3N190*	Monolithic Dual, N-Channel Enhancement Mode MOSFET
3N191	3N191*	Monolithic Dual, N-Channel Enhancement Mode MOSFET
CR160	J507	Current Regulating Diode, N-CH JFET
CR180	J507	Current Regulating Diode, N-CH JFET
CR200	J508	Current Regulating Diode, N-CH JFET
CR220	J508	Current Regulating Diode, N-CH JFET
CR240	J508	Current Regulating Diode, N-CH JFET
CR270	J509	Current Regulating Diode, N-CH JFET
CR300	J509	Current Regulating Diode, N-CH JFET
CR330	J510	Current Regulating Diode, N-CH JFET
CR360	J510	Current Regulating Diode, N-CH JFET
CR390	J510	Current Regulating Diode, N-CH JFET
CR430	J511	Current Regulating Diode, N-CH JFET
CR470	J511	Current Regulating Diode, N-CH JFET
DPAD1	DPAD1*	Low Leakage Diodes - Monolithic, Dual PicoAmp Diodes
DPAD5	DPAD5*	Low Leakage Diodes - Monolithic, Dual PicoAmp Diodes
DPAD50	DPAD50*	Low Leakage Diodes - Monolithic, Dual PicoAmp Diodes
J111	J111*, PN4391	JFET Swtiches, N-CH JFET
J112	J112*, PN4391	JFET Swtiches, N-CH JFET
J113	J113*, PN4393	JFET Swtiches, N-CH JFET
J174	J174	JFET Switch, P-CH JFET
J175	J175	JFET Switch, P-CH JFET

Siliconix/Vishay	Linear Integrated Systems	* = LIS Equivalent, No Asterisk = Closest LIS Equivalent
Part No.	Part No.	Description
J176	J176	JFET Switch, P-CH JFET
J177	J177	JFET Switch, P-CH JFET
J201	J201*	JFET Amplifier Single, N-CH JFET
J202	J202*	JFET Amplifier Single, N-CH JFET
J204	J204*	JFET Amplifier Single, N-CH JFET
J210	J210*	JFET Amplifier Single, N-CH JFET
J211	J211*	JFET Amplifier Single, N-CH JFET
J212	J212*	JFET Amplifier Single, N-CH JFET
J270	J177	JFET Amplifier Single, P-CH JFET
J271	J176	JFET Amplifier Single, P-CH JFET
J304	PN4416A	JFET RF, N-CH JFET
J305	PN4416A	JFET RF, N-CH JFET
J308	J308, PN4392	JFET Amplifier - Single, N-CH JFET
J309	J309, PN4393	JFET Amplifier - Single, N-CH JFET
J310	J310, PN4392	JFET Amplifier - Single, N-CH JFET
J500	J500*	Current Regulating Diode, N-CH JFET
J501	J501*	Current Regulating Diode, N-CH JFET
J502	J502*	Current Regulating Diode, N-CH JFET
J503	J503*	Current Regulating Diode, N-CH JFET
J504	J504*	Current Regulating Diode, N-CH JFET
J505	J505*	Current Regulating Diode, N-CH JFET
J506	J506*	Current Regulating Diode, N-CH JFET
J507	J507*	Current Regulating Diode, N-CH JFET
J508	J508*	Current Regulating Diode, N-CH JFET
J509	J509*	Current Regulating Diode, N-CH JFET
J510	J510*	Current Regulating Diode, N-CH JFET
J511	J511*	Current Regulating Diode, N-CH JFET
JPAD5	JPAD5*	Low Leakage Diodes - PicoAmp Diode N-CH JFET
JPAD50	JPAD50*	Low Leakage Diodes - PicoAmp Diode N-CH JFET
PAD1	PAD1*	Low Leakage Diode - PicoAmp Diode
PAD5	PAD5*	Low Leakage Diode - PicoAmp Diode
PAD50	PAD50*	Low Leakage Diode - PicoAmp Diode
P1086	J174, See Note 3	JFET Amplifier, P-CH JFET
P1087	J176, See Note 3	JFET Amplifier, P-CH JFET
PN4091	PN4391	JFET Switch, N-CH JFET
PN4092	PN4392	JFET Switch, N-CH JFET
PN4093	PN4393	JFET Switch, N-CH JFET
PN4117A	PN4117	JFET Amplifier - Single - High Impedance

Siliconix/Vishay	Linear Integrated Systems	* = LIS Equivalent, No Asterisk = Closest LIS Equivalent
Part No.	Part No.	Description
PN4118A	PN4118	JFET Amplifier - Single - High Impedance
PN4119A	PN4119	JFET Amplifier - Single - High Impedance
PN4391	PN4391	JFET Switch, N-CH JFET
PN4392	PN4392	JFET Switch, N-CH JFET
PN4393	PN4393	JFET Switch, N-CH JFET
SD210DE	SD210DE*	DMOS High Speed Switch, N-CH Lateral DMOS
SD211DE	SD211DE*	DMOS High Speed Switch, N-CH Lateral DMOS, Diode G-S
SD213DE	SD213DE*	DMOS High Speed Switch, N-CH Lateral DMOS, Diode G-S
SD214DE	SD214DE*	DMOS High Speed Switch, N-CH Lateral DMOS
SD215DE	SD215DE*	DMOS High Speed Switch, N-CH Lateral DMOS, Diode G-S
SST111	SST111*, SST4391	JFET Switch, N-CH JFET
SST112	SST112*, SST4392	JFET Switch, N-CH JFET
SST113	SST113*, SST4393	JFET Switch, N-CH JFET
SST174	SST174	JFET Switch, P-CH JFET
SST175	SST175	JFET Switch, P-CH JFET
SST176	SST176	JFET Switch, P-CH JFET
SST177	SST177	JFET Switch, P-CH JFET
SST201	SST201*	JFET Amplifier - Single, N-CH JFET
SST202	SST202*	JFET Amplifier - Single, N-CH JFET
SST204	SST204*	JFET Amplifier - Single, N-CH JFET
SST211	SST211*	DMOS High Speed Switch, N-CH Lateral DMOS, Diode G-S
SST213	SST213*	DMOS High Speed Switch, N-CH Lateral DMOS, Diode G-S
SST215	SST215*	DMOS High Speed Switch, N-CH Lateral DMOS, Diode G-S
SST270	SST177	JFET Amplifier, P-CH JFET
SST271	SST176	JFET Amplifier, P-CH JFET
SST308	SST308, SST4392	JFET Amplifier - Single, N-CH JFET
SST309	SST309, SST4393	JFET Amplifier - Single, N-CH JFET
SST310	SST310, SST4392	JFET Amplifier - Single, N-CH JFET
SST404	SST404*	JFET Amplifier - Dual - Low Noise, Monolithic Dual N-CH
SST406	SST406*	JFET Amplifier - Dual - Low Noise, Monolithic Dual N-CH
SST440	SST440*	Low Noise-Low Drift Monolithic N-CH JFET
SST441	SST441*	Low Noise-Low Drift Monolithic N-CH JFET
SST4091	SST4391	JFET Switch, N-CH JFET
SST4092	SST4392	JFET Switch, N-CH JFET
SST4093	SST4393	JFET Switch, N-CH JFET
SST4117A	SST4117A	JFET Amplifier - Single - High Impedance, N-CH JFET
SST4118A	SST4118A	JFET Amplifier - Single - High Impedance, N-CH JFET

Siliconix/Vishay	Linear Integrated Systems	* = LIS Equivalent, No Asterisk = Closest LIS Equivalent
Part No.	Part No.	Description
SST4119A	SST4119A	JFET Amplifier - Single - High Impedance, N-CH JFET
SST4391	SST4391*	JFET Switch, N-CH JFET
SST4392	SST4392*	JFET Switch, N-CH JFET
SST4393	SST4393*	JFET Switch, N-CH JFET
SST4416	SST4416	JFET Amplifier Single - High Frequency, N-CH JFET
SST500	SST500*	Current Regulating Diode, N-CH JFET
SST501	SST501*	Current Regulating Diode, N-CH JFET
SST502	SST502*	Current Regulating Diode, N-CH JFET
SST503	SST503*	Current Regulating Diode, N-CH JFET
SST504	SST504*	Current Regulating Diode, N-CH JFET
SST505	SST505*	Current Regulating Diode, N-CH JFET
SST506	SST506*	Current Regulating Diode, N-CH JFET
SST507	SST507*	Current Regulating Diode, N-CH JFET
SST508	SST508*	Current Regulating Diode, N-CH JFET
SST509	SST509*	Current Regulating Diode, N-CH JFET
SST510	SST510*	Current Regulating Diode, N-CH JFET
SST511	SST511*	Current Regulating Diode, N-CH JFET
SST5460	SST177	JFET Amplifier, P-CH JFET
SST5461	SST177	JFET Amplifier, P-CH JFET
SST5462	SST176	JFET Amplifier, P-CH JFET
SST5484	SST4416	JFET Amplifier - Single - High Frequency, N-CH JFET
SST5485	SST4416	JFET Amplifier - Single - High Frequency, N-CH JFET
SST5486	SST4416	JFET Amplifier - Single - High Frequency, N-CH JFET
SSTD PAD100	SSTD PAD100*	Low Leakage Diodes - Monolithic, Dual PicoAmp Diodes
SSTD PAD50	SSTD PAD50*	Low Leakage Diodes - Monolithic, Dual PicoAmp Diodes
SSTD PAD5	SSTD PAD5*	Low Leakage Diodes - Monolithic, Dual PicoAmp Diodes
SSTPAD100	SSTPAD100*	Low Leakage Diode - PicoAmp Diode
SSTPAD5	SSTPAD5*	Low Leakage Diode - PicoAmp Diode
U309	U309, LS4393	JFET Amplifier Single, Low Noise, N-CH
U310	U310, LS4392	JFET Amplifier Single, Low Noise, N-CH
U401	U401*	Low Noise-Low Drift Monolithic Dual N-CH JFET
U402	U402*	Low Noise-Low Drift Monolithic Dual N-CH JFET
U403	U403*	Low Noise-Low Drift Monolithic Dual N-CH JFET
U404	U404*	Low Noise-Low Drift Monolithic Dual N-CH JFET
U405	U405*	Low Noise-Low Drift Monolithic Dual N-CH JFET
U406	U406*	Low Noise-Low Drift Monolithic Dual N-CH JFET
U421	U421*	JFET Amplifier - Dual - Low Leakage, Monolithic Dual N-CH
U422	U422*	JFET Amplifier - Dual - Low Leakage, Monolithic Dual N-CH



Twenty-Five Years Of Quality Through Innovation

Cross Reference Guide

Siliconix & Fairchild to Linear Systems

Siliconix/Vishay	Linear Integrated Systems	* = LIS Equivalent, No Asterisk = Closest LIS Equivalent
Part No.	Part No.	Description
U423	U423*	JFET Amplifier - Dual - Low Leakage, Monolithic Dual N-CH
U424	U424*	JFET Amplifier - Dual - Low Leakage, Monolithic Dual N-CH
U425	U425*	JFET Amplifier - Dual - Low Leakage, Monolithic Dual N-CH
U426	U426*	JFET Amplifier - Dual - Low Leakage, Monolithic Dual N-CH
U430, See Note 5	LSK389C	JFET Amplifier - Dual - Low Noise, Monolithic Dual N-CH
U431, See Note 5	LSK389D	JFET Amplifier - Dual - Low Noise, Monolithic Dual N-CH
U440	U440*	JFET Amplifier - Dual - Low Leakage, Monolithic Dual N-CH
U441	U441*	JFET Amplifier - Dual - Low Leakage, Monolithic Dual N-CH
VCR11N	VCR11N*	JFET Voltage Controlled Resistor

Notes:

1. Closest LIS Equivalent = Minor electrical differences between Siliconix/Vishay and LIS part numbers. Package and pinouts the same as Siliconix/Vishay.(See notes 4 and 5).
2. * = LIS equivalent. LIS part has the same electricals, package and pinouts as Siliconix/Vishay part number.
3. P1086 and P1087 have pinout difference with J174 and J175.
4. 2N5460,2N5461 and 2N5462 have pinout difference with J176 and J177.
5. U430 and U431 have pinout, package and some electrical differences with LSK389 series.

Toshiba	Linear Integrated Systems	* = LIS Equivalent, No Asterisk = Closest LIS Equivalent
Part No.	Part No.	Description
2SK170	LSK170*	JFET Amplifier - Single - High Impedance - Low Noise, Monolithic, N-CH
2SK389	LSK389	JFET Amplifier - Dual - High Impedance - Low Noise, Monolithic, N-CH

To receive sales literature, quotations, samples, spice models, and technical support, please visit our web site at <http://www.linearsystems.com>, or contact the Linear Integrated Systems worldwide sales office:

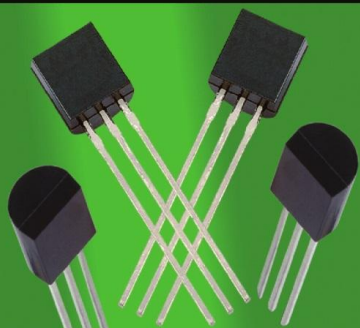
Linear Integrated Systems, Inc.
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Toll Free: 800-359-4023 Tel: 510-490-9160 Fax: 510-353-0261
 Email: sales@linearsystems.com

Business Hours: 7:00am to 6:00pm (PST)

NO EOL JFETS TO-92

Second Source Replacement for Fairchild



Single N-Channel-JFETS

- J201/J202 Series
- J210/J211/J212 Series
- J304/J305 Series
- J309/J310 Series
- PF5301/PF5301-2 Series
- PN4091/PN4092/PN4093 Series
- PN4117/PN4118/PN4119 Series
- PN4391/PN4392/PN4393 Series
- PN4416 Series

Single P-Channel-JFETS

- J174/J175/J176/J177 Series
- J270/J271 Series
- P1086/P1087 Series

Features

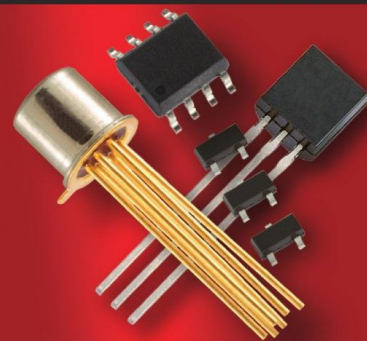
No End of Life Buys Required
Scheduled Deliveries Accepted
Special Selections Available
RoHS Compliant

Linear Integrated Systems (LIS) is a 25-year-old, third-generation precision semiconductor company providing high-quality discrete components. Expertise brought to LIS is based on processes and products developed at Amelco, Union Carbide, Intersil and Micro Power Systems by LIS President John H. Hall. Hall, a protégé of Silicon Valley legend Dr. Jean Hoerni, was the director of IC Development at Union Carbide, co-founder and vice president of R&D at Intersil, and founder/president of Micro Power Systems.

Since 1987, LIS has been supplying pin-for-pin replacements for over 2,000 discrete devices by Siliconix-Vishay, Interfet, Intersil, Micro Power Systems, Motorola, National Semiconductor, Fairchild, and Phillips.

JFETS

Second Source Replacement for Siliconix



Monolithic Duals-JFETS

- SST/U401-406 Series
- SST/U441 Series
- U421-423 Series
- U430-431 Series

Single-JFETS

- SST/2N4391-4393 Series
- SST/J174-177 Series
- SST/2N4117A-4119A Series
- SST/2N4416

Current Regulating Diodes

- J500-J511 Series
- SST502-SST511 Series

Low Leakage Diodes

- DPAD1-50 Series
- JPAD/PAD1-50 Series
- SSTPAD5-100 Series
- SSTDPAD5-100 Series

Features

Surface Mount & Thru Hole
Special Selections Available
Lead-Free/RoHS Compliant