

## CROSS REFERENCE : BY MANUFACTURER

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
<b>ANALOG DEVICES</b>		
AD648JN	TS512IN	
AD648JR	TS512ID	
AD648KN	TS512AIN	
AD648KR	TS512AID	
AD712JN/KN	TS522IN	TL082BIN
AD712JR/KR	TS522ID	TL082BID
AD713JN/JN	TS524IN	TL084BIN
AD713JR/KR	TS524ID	TL084BID
AD812AN	TSH10IN	
AD812AN	TSH11IN	
AD812AN	TSH31IN	
AD812AN	TSH150IN	
AD812AN	TSH151IN	
AD812AN	TSH321IN	
AD812AR	TSH10ID	
AD812AR	TSH11ID	
AD812AR	TSH31ID	
AD812AR	TSH150ID	
AD812AR	TSH151ID	
AD812AR	TSH321ID	
AD817AN	TSH10IN	
AD817AN	TSH11IN	
AD817AN	TSH31IN	
AD817AN	TSH150IN	
AD817AN	TSH151IN	
AD817AN	TSH321IN	
AD817AR	TSH10ID	
AD817AR	TSH11ID	
AD817AR	TSH31ID	
AD817AR	TSH150ID	
AD817AR	TSH151ID	
AD817AR	TSH321ID	
AD822N	TS922IN	TS912IN can be proposed if low input bias current is requested
AD822R	TS922ID	TS912ID can be proposed if low input bias current is requested
AD8073AN	TSH93IN	
AD8073AR	TSH93ID	
AD8532N	TS922IN	
AD8532R	TS922ID	
AD8532ST	TS922IP	
AS8534N	TS924IN	
AD8534R	TS924ID	
AD8534ST	TS924IP	
OP183P	TSH22IN	
OP183S	TSH22ID	
OP213P	TS922AIN	
OP213S	TS922AID	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
OP200GP	TS512AIN	
OP200GS	TS512AID	not pin to pin compatible
OP249GP	TL082IN	
OP249GS	TL082ID	
OP271GP	TS512AIN	
OP271GS	TS512AID	
OP275GP	TS522IN	
OP275GS	TS522ID	
OP279GP	TS922IN	
OP279GS	TS922ID	
OP284GP	TS922IN	
OP284GS	TS922ID	
OP291GP	TS3V912IN	TS3V912BIN if low input offset voltage is requested TS922IN if higher gain-bandwidth product is requested
OP291GS	TS3V912ID	TS3V912BID if low input offset voltage is requested TS922ID if higher gain-bandwidth product is requested
OP293GP	TS942IN	
OP293GS	TS942ID	
OP295GP	TS3V912AIN	
OP295GS	TS3V912AID	
OP400GP	TS514AIN	
OP400GS	TS514AID	
OP400HP	TS514AIN	
OP400HS	TS514AID	
OP470GP	TS524IN	
OP470GS	TS524ID	
OP484GP	TS924IN	
OP484GS	TS924ID	
OP491GP	TS924IN	
OP491GS	TS924ID	
OP492GP	TS924AIN	
OP492GS	TS924AID	
REF03	<a href="#">MC1403</a>	
SSM2135P	TS922IN	
SSM2135S	TS922ID	
<b>ASTEC</b>		
A431LP	TL431AIZ	
A431D	TL431AID	
AS431D	TL431ID	
AS431D	TL1431ID	
AS431LP	TL431IZ	
AS431LP	TL1431IZ	
TL1431LP	TL431IZ	
TL431D	TL431ID	
<b>BURR BROWN</b>		
OPA131P	TL081IN	
OPA131U	TL081ID	
OPA131PJ	TL081CN	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
OP131UJ	TL081CD	
OPA2111KP	TS512IN	
OPA2131PA	TS522IN	
OPA2131PJ	TS082CN	
OPA2131UA	TS522ID	
OPA2131UJ	TL082CD	
OPA2134PA	TSH22IN	
OPA2134UA	TSH22ID	
OPA2237	TS922IP	BB pack. is MSOP-8 TS922 is TSSOP8
OPA2604AP	TSH22IN	
OPA2604AU	TSH22ID	
OPA4131NA	TS524ID	
OPA4131NJ	TL084CD	
OPA4131PA	TS524IN	
OPA4131PJ	TL084CN	
OPA4237	TS924IP	OPA437 pack. is TSSOP16, TS924 is TSSOP14
OPA620KP	TSH150CN	
OPA620KU	TSH150CD	
OPA650P	TSH10IN	
OPA650P	TSH11IN	
OPA650P	TSH31IN	
OPA650P	TSH150IN	
OPA650P	TSH151IN	
OPA650P	TSH321IN	
OPA650U	TSH10ID	
OPA650U	TSH11ID	
OPA650U	TSH31ID	
OPA650U	TSH150ID	
OPA650U	TSH151ID	
OPA650U	TSH321ID	
<b>ELANTEC</b>		
EL2044CN	TSH10IN	
EL2044CN	TSH11IN	
EL2044CN	TSH31IN	
EL2044CN	TSH150IN	
EL2044CN	TSH151IN	
EL2044CN	TSH321IN	
EL2044CS	TSH10ID	
EL2044CS	TSH11ID	
EL2044CS	TSH31ID	
EL2044CS	TSH150ID	
EL2044CS	TSH151ID	
EL2044CS	TSH321ID	
EL2073CN	TSH150IN	
EL2073CS	TSH150ID	
EL2310CN	TSH93IN	
EL2310CS	TSH93ID	
EL2311CN	TSH93IN	
EL2311CS	TSH93ID	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
<b>HARRIS</b>		
CA081AE	TL081ACN	
CA081E	TL081CN	
CA082AE	TL082ACN	
CA082E	TL082CN	
CA084AE	TL084ACN	
CA084E	TL084CN	
CA124E	LM124N	
CA139E	LM139N	
CA1458E	MC1458N	
CA1558E	MC1558N	
CA158E	LM158N	
CA224E	LM224N	
CA239AE	LM239AN	
CA239E	LM239N	
CA258E	LM258N	
CA2901E	LM2901N	
CA2902E	LM2902N	
CA2904E	LM2904N	
CA301AE	LM301AN	
CA311E	LM311N	
CA324E	LM324N	
CA3290E	LM393N	
CA339AE	LM339AN	
CA339E	LM339N	
CA358AE	LM358AN	
CA358E	LM358N	
CA555E	NE555N	
CA741CE	UA741CN	
CA741E	UA741EN	
CA748CE	UA748CN	
ICL7611ACPA	TS3V912BIN	
ICL7611BCPA	TS3V912AIN	
ICL7611DCPA	TS3V912IN	
ICL7611DCBA	TS3V912ID	
ICL7612ACPA	TS3V912BIN	
ICL7612BCPA	TS3V912AID	
ICL7612DCPA	TS3V912IN	
ICL7612DCBA	TS3V912ID	
ICL7621ACPA	TS3V912BIN	
ICL7621BCPA	TS3V912AIN	
ICL7621DCPA	TS3V912IN	
ICL7621DCBA	TS3V912ID	
ICL7641CCPD	TS3V914IN	
ICL7641ECPD	TS3V914IN	
ICM7555CBA	TS555CD	
ICM7555IPA	TS555IN	
ICM7556IPD	TS556IN	
<b>KEC</b>		

## CROSS REFERENCE : BY MANUFACTURER

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
KIA431	TL431IZ	
KIA431A	TL431AIZ	
<b>LINEAR TECHNOLOGY</b>		
<a href="#">LM134</a>	<a href="#">LM134</a>	No compatible package
LM234Z	LM234Z	
LM334Z	LM334Z	
LM334S8	LM334D	
LM336Z-2.5	LM336Z	
LM336BZ-2.5	LM336BZZ	
TL1009CZ	TL1431ACZ	
LT1009S8	TL1431ACD	
LT1013CN8/DN8	TS512AIN	
LT1013DS8/IS8	TS512AID	
LT1014CN8/DN8	TS514AIN	
LT1014DS/IS	TS514AID	LT1014 : 16 leads
LT1057CN/CN8	TS522IN	
LT1113ACN8	TS522IN	
LT1113CN8	TS522IN	
LT1113CS8	TS522ID	
LT1169ACN8	TS522IN	
LT1169CN8	TS522IN	
LT1191CN8	TSH10IN	
LT1191CN8	TSH11IN	
LT1191CN8	TSH31IN	
LT1191CN8	TSH150IN	
LT1191CN8	TSH151IN	
LT1191CN8	TSH321IN	
LT1191CS8	TSH10ID	
LT1191CS8	TSH11ID	
LT1191CS8	TSH31ID	
LT1191CS8	TSH150ID	
LT1191CS8	TSH151ID	
LT1191CS8	TSH321ID	
LT1195CN8	TSH10IN	
LT1195CS8	TSH10ID	
LT1213N8	TSH22IN	
LT1213S8	TSH22ID	
LT1214N8	TSH24IN	
LT1214S8	TSH24ID	
LT1254CN	TSH94IN	
LT1254CS	TSH94ID	
LT1366CN	TS3V912BIN	
LT1366CS	TS3V912BID	
LT1367CN	TS3V914BID	
LT1367CS	TS3V914BIN	
LT1495CN	TS942BIN	
LT1495CS	TS942BID	
<b>MAXIM</b>		
ICL7611ACPA	TS3V912BIN	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
ICL7611BCPA	TS3V912AIN	
ICL7611DCPA-2	TS3V912IN	
ICL7611DCSA	TS3V912ID	
ICL7612BCPA	TS3V912AIN	
ICL7612DCPA	TS3V912IN	
ICL7612DCSA	TS3V912ID	
ICL7621BCPA	TS3V912AIN	
ICL7621DCPA	TS3V912IN	
ICL7641CCPD	TS3V914IN	
ICL7641ECPD	TS3V914IN	
ICM7555IPA	TS555IN	
ICM7555ISA	TS555ID	
ICM7556IDP	TS556IN	
ICM7556ISD	TS556ID	
LT1431S8	TL1431ID	
LT1431Z	TL1431IZ	
MAX407CPA/EPA	TS942IN	
MAX407CSA/ESA	TS942ID	
MAX412CPA/BCPA	TS522IN	
MAX412CSA/BCSA	TS522ID	
MAX412EPA/ECPA	TS522IN	
MAX412ESA/BESA	TS522ID	
MAX492CPA/EPA	TS3V912IN	
MAX492CSA/ESA	TS3V912ID	
MAX494CPD/EPD	TS3V914IN	
MAX494CSD/ESD	TS3V914ID	
MAX4106ESA	TSH321ID	
MAX4107ESA	TSH321ID	
MAX4122EUK	TS9511L*	
MAX4126ESA	TS922ID	
MAX4129ESD	TS924ID	
MXL1013CN8/DN8	TS512AIN	
MXL1014CN8/DN8	TS514AIN	
<b>MITSUBISHI</b>		
M5216P	TS922IN	
M5216FP	TS922ID	
M5220P	MC33078N	
M5220FP	MC33078D	
<b>MOTOROLA</b>		
LF347N	LF347N	
LF351D	LF351D	
LF351N	LF351N	
LF353D	LF353D	
LF353N	LF353N	
LM201AD	LM201AD	
LM201AN	LM201AN	
LM211D	LM211D	
LM224D	LM224D	
LM239D	LM239D	

\* coming soon



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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
LM258D	LM258D	
LM2901D	LM2901D	
LM2901N	LM2901N	
LM2902D	LM2902D	
LM2902N	LM2902N	
LM2903D	LM2903D	
LM2903N	LM2903N	
LM2904D	LM2904D	
LM2904N	LM2904N	
LM301AD	LM301AD	
LM301AN	LM301AN	
LM311D	LM311D	
LM311N	LM311N	
LM324AD	LM324AD	
LM324AN	LM324AN	
LM324D	LM324D	
LM324N	LM324N	
LM339AN	LM339AN	
LM339D	LM339D	
LM339N	LM339N	
LM348D	LM348D	
LM348N	LM348N	
LM358D	LM358D	
LM358N	LM358N	
LM393D	LM393D	
LM393N	LM393N	
LM833D	LM833D	
LM833N	LM833N	
MC1403D	MC1403D	
MC1403P1	MC1403N	
MC1455D	NE555D	
MC1455P1	NE555N	
MC1458D	MC1458D	
MC1458P1	MC1458N	
MC1741CD	UA741CD	
MC1741CP1	UA741CN	
MC1748CD	UA748CD	
MC1748CP1	UA748CN	
MC1776CD	UA776CD	
MC1776CP1	UA776CN	
MC3302D	LM239D	
MC3302P	LM239N	
MC3303D	MC3303D	
MC3303P	MC3303N	
MC33072D	TSH22ID	
MC33072P	TSH22IN	
MC33074D	TSH24ID	
MC33074P	TSH24IN	
MC33078D	MC33078D	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
MC33078P	MC33078N	
MC33171D	MC33171D	
MC33171P	MC33171N	
MC33172D	MC33172D	
MC33172P	MC33172N	
MC33174D	MC33174D	
MC33174P	MC33174N	
MC33178D	LS204ID	
MC33202D/V/D	TS922ID	
MC33202P/V/P	TS922IN	
MC33204D/V/D	TS924ID	
MC33204P/V/P	TS924IN	
MC33207D	TS925ID	
MC33207P	TS925IN	
MC33072D/AD	TSH22ID	
MC33072P/AP	TSH22IN	
MC33074D/AD	TSH24ID	
MC33074P/AP	TSH24IN	
MC33178D	MC33078D	TS922ID
MC33178P	MC33078N	TS922IN
MC33179D	MC33079D	TS924ID
MC33179P	MC33079N	TS924IN
MC33182D	TS522ID	
MC33182P	TS522IN	
MC33184D	TS524ID	
MC33184P	TS524IN	
MC33272D	TSH22ID	
MC33272P	TSH22IN	
MC33272AD	TSH22ID	
MC33272AP	TSH22IN	
MC33274D	TSH24ID	
MC33274P	TSH24IN	
MC33274AD	TSH24ID	
MC33274AP	TSH24IN	
MC33282D	TSH22ID	
MC33282P	TSH22IN	
MC33284D	TSH24ID	
MC33284P	TSH24IN	
MC34001AP	MC34001AN	
MC34001BP	MC34001BN	
MC34001P	MC34001N	
MC34002AP	MC34002AN	
MC34002BP	MC34002BN	
MC34002P	MC34002N	
MC34004AP	MC34004AN	
MC34004BP	MC34004BN	
MC34004P	MC34004N	
MC3403D	MC3403D	
MC3403P	MC3403N	

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## CROSS REFERENCE : BY MANUFACTURER

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
MC3405P	TSM221IN	
MC34072D/AD	TSH22ID	
MC34072P/AP	TSH22IN	
MC34074D/AD	TSH24ID	
MC34074P/AP	TSH24IN	
MC34119D	TS922ID	not pin to pin compatible
MC34119P	TS922IN	not pin to pin compatible
MC34119DTB	TS922IP	not pin to pin compatible
MC34182D	TS522ID	
MC34182P	TS522IN	
MC34184D	TS524ID	
MC34184P	TS524IN	
MC3456P	NE556N	
MC4558CD	MC4558CN	
MC4558CP1	MC4558CN	
TL061ACD	TL061ACN	
TL061ACP	TL061ACN	
TL061CD	TL061CN	
TL061CP	TL061CN	
TL061VD	TL061ID	
TL061VP	TL061IN	
TL062ACD	TL062ACN	
TL062ACP	TL062ACN	
TL062CD	TL062CN	
TL062CP	TL062CN	
TL062VD	TL062ID	
TL062VP	TL062IN	
TL064ACD	TL064ACN	
TL064ACN	TL064ACN	
TL064CD	TL064CN	
TL064CN	TL064CN	
TL064VD	TL064ID	
TL064VN	TL064IN	
TL071ACD	TL071ACN	
TL071ACP	TL071ACN	
TL071CD	TL071CN	
TL071CP	TL071CN	
TL072ACD	TL072ACN	
TL072ACP	TL072ACN	
TL072CD	TL072CN	
TL072CP	TL072CN	
TL074ACN	TL074CN	
TL074CN	TL074CN	
TL081ACD	TL081ACN	
TL081ACP	TL081ACN	
TL081CD	TL081CN	
TL081CP	TL081CN	
TL082ACD	TL082ACN	
TL082ACP	TL082ACN	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
TL082CD	TL082CN	
TL082CP	TL082CN	
TL084ACN	TL084ACN	
TL084CN	TL084CN	
TL431ACD	TL431ACN	
TL431ACP	TL431ACN	
TL431AID	TL431AID	
TL431AIP	TL431AID	
TL431ACL	TL431ACZ	
TL431AILP	TL431AIZ	
TL431BCD	TL1431CD	
TL431BCP	TL1431CN	
TL431BCLP	TL1431CZ	
TL431BID	TL1431ID	
TL431BIP	TL1431IN	
TL431BILP	TL1431IZ	
TL431CD	TL431CN	
TL431CP	TL431CN	
TL431CLP	TL431CZ	
TL431ID	TL431ID	
TL431IP	TL431IN	
TL431ILP	TL431IZ	
<b>NATIONAL</b>		
LF255M	LF255D	
LF255N	LF255N	
LF256M	LF256D	
LF256N	LF256N	
LF257M	LF257D	
LF257N	LF257N	
LF347M	LF347D	
LF347N	LF347N	
LF351M	LF351D	
LF351N	LF351N	
LF353M	LF353D	
LF353N	LF353N	
LF355M	LF355D	
LF355N	LF355N	
LF356M	LF356D	
LF356N	LF356N	
LF357M	LF357D	
LF357N	LF357N	
LF412CN	TL082CN	
LF442CN	TS512IN	
LF442ACN	TS512AIN	
LM101AM	LM101AD	
LM1458M	MC1458D	
LM1458N	MC1458N	
LM134M	LM134D	
LM134Z	LM134Z	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
LM201AM	LM201AD	
LM201AN	LM201AN	
LM234M	LM234D	
LM234Z	LM234Z	
LM236M-2.5	LM236D	
LM236Z-2.5	LM236Z	
LM285BYZ	TL431AIZ*	
LM285BXZ	TS431AIZ*	
LM285Z	TS431IZ*	
LM2901M	LM2901D	
LM2901N	LM2901N	
LM2902M	LM2902D	
LM2902N	LM2902N	
LM2903M	LM2903D	
LM2903N	LM2903N	
LM2904M	LM2904D	
LM2904N	LM2904N	
LM293N	LM293N	
LM301AM	LM301AD	
LM301AN	LM301AN	
LM311M	LM311D	
LM311N	LM311N	
LM319M	LM319D	
LM319N	LM319N	
LM324AM	LM324AD	
LM324AN	LM324AN	
LM324M	LM324D	
LM324N	LM324N	
LM3302N	LM239N	
LM3303N	MC3303N	
LM334M	LM334D	
LM334Z	LM334Z	
LM335AM	LM335AD	
LM335AZ	LM335AZ	
LM335M	LM335D	
LM335Z	LM335Z	
LM336BM-2.5	LM336BD	
LM336BZ-2.5	LM336BZ	
LM336M-2.5	LM336D	
LM336Z-2.5	LM336Z	
LM339AM	LM339AD	
LM339AN	LM339AN	
LM339M	LM339D	
LM339N	LM339N	
LM3403M	MC3403D	
LM3403N	MC3403N	
LM346M	LM346D	
LM346N	LM346N	
LM348M	LM348D	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
LM348N	LM348N	
LM358AM	LM358AD	
LM358AN	LM358AN	
LM358M	LM358D	
LM358N	LM358N	
LM385BZ	TS431ACZ*	
LM385BXZ	TS431ACZ*	
LM385BYZ	TS431ACZ*	
LM385Z	TS431CZ*	
LM393M	LM393D	
LM393N	LM393N	
LM4040DIZ-2.5	TS431AIZ*	TS431* need two external resistors
LM4040EIZ-2.5	TS431IZ*	TS431* need two external resistors
LM4041DIM3-1.2	TS431AIL*	
LM4041DIZ-ADJ	TS431AIZ*	
LM4041EIM3-1.2	TS431IL*	
LM4041EIZ-ADJ	TS431IZ*	
LM431ACM	TL431CD	
LM431ACZ	TL431CZ	
LM431AIM	TL431ID	
LM431AIZ	TL431IZ	
LM431BCM	TL431ACD	
LM431BCZ	TL431ACZ	
LM431BIM	TL431AID	
LM431BIZ	TL431AIZ	
LM431CM	TL1431ID	
LM431CZ	TL1431IZ	
LM431CCM	TL1431CD	
LM431CCZ	TL1431CZ	
LM431CIM	TL1431ID	
LM431CIZ	TL1431IZ	
LM555CM	NE555D	
LM555CN	NE555N	
LM556CM	NE556D	
LM556CN	NE556N	
LM6218N	TSH150IN	
LM6218WM	TSH150ID	
LM6361N	TSH10IN	
LM6361N	TSH11IN	
LM6361N	TSH31IN	
LM6361N	TSH150IN	
LM6361N	TSH151IN	
LM6361N	TSH321IN	
LM741CM	UA741CD	
LM741CN	UA741CN	
LM741EN	UA741EN	
LM776CN	UA776CN	
LM833M	LM833D	
LM833N	LM833N	

## CROSS REFERENCE : BY MANUFACTURER

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
LM7301IM	TS951ID*	
LM7301IM5	TS951IL*	
LMC272CN	TS462IN*	
LMC272CM	TS462ID*	
LMC272CMM	TS462IP*	
LMC555CM	TS555CD	
LMC555CN	TS555CN	
LMC555CM	TS3V555ID	
LMC555CN	TS3V555IN	
LMC556CM	TS556CD	
LMC556CN	TS556CN	
LMC556CM	TS3V556ID	
LMC556CN	TS3V556IN	
LMC660AIM	TS914AID	TS924ID
LMC660AIN	TS914AIN	TS924IN
LMC660AIM	TS3V914AID	
LMC660AIN	TS3V914AIN	
LMC660CM	TS3V914ID	
LMC660CN	TS3V914IN	
LMC660EM/CM	TS914ID	TS924ID
LMC660EN/CN	TS914IN	TS924IN
LMC660IM	TS3V914ID	
LMC660IN	TS3V914IN	
LMC662AIM	TS912BID	TS922ID
LMC662AIN	TS912BIN	TS922IN
LMC662AIM	TS3V912AID	
LMC662AIN	TS3V912AIN	
LMC662CM	TS3V912ID	
LMC662CN	TS3V912IN	
LMC662EM/CM	TS912ID	TS922ID
LMC662EN/CN	TS912IN	TS922IN
LMC662IM	TS3V912ID	
LMC662IN	TS3V912IN	
LMC6032IM	TS3V912ID	
LMC6032IN	TS3V912IN	
LMC6034IM	TS3V914ID	
LMC6034IN	TS3V914IN	
LMC6035IM	TS3V912AID	
LMC6036IM	TS3V914AID	
LMC6082IM	TS3V912AID	
LMC6082IN	TS3V912AIN	
LMC6084IM	TS3V914AID	
LMC6084IN	TS3V914AIN	
LMC6442AIMX	TS942ID	
LMC6482AIM	TS3V912BID	
LMC6482AIN	TS3V912BIN	
LMC6482IM	TS3V912AID	
LMC6482IN/MN	TS3V912AIN	
LMC6484AIM	TS3V914AID	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
LMC6484AIN	TS3V914AIN	
LMC6484IM	TS3V914AID	
LMC6484IN/MN	TS3V914AIN	
LMC6492AEM	TS3V912AID	
LMC6492BEM	TS3V912BID	
LMC6492AEN	TS3V912AIN	
LMC6492BEN	TS3V912BIN	
LMC6494AEM	TS3V914AID	
LMC6494BEM	TS3V914BID	
LMC6494AEN	TS3V914AIN	
LMC6494BEN	TS3V914BIN	
LMC7101AIM5/BIM5	TS951IL*	not pin to pin compatible
LPC660AIM	TS27L4BID	
LPC660AIN	TS27L4BIN	
LPC660IM	TS27L4AID	
LPC660IN	TS27L4AIN	
LPC662AIM	TS27L2BID	
LPC662AIN	TS27L2BIN	
LPC662IM	TS27L2AID	
LPC662IN	TS27L2AIN	
OP07CP	OP07CN	
TL081CP	TL081CN	
TL082CP	TL082CN	
<b>NEC</b>		
UPC1458C	MC1458N	
UPC1458G	MC1458D	
UPC1555C	NE555N	
UPC1558C	MC1558N	
UPC157C	LM201AN	
UPC251C	MC1458IN	
UPC251G	MC1458ID	
UPC271C	LM211N	
UPC271G	LM211D	
UPC272C	LM219N	
UPC272G	LM219D	
UPC301AC	LM301AN	
UPC311C	LM311N	
UPC319G	LM319D	
UPC324C	LM324N	
UPC324G	LM324D	
UPC339C	LM339N	
UPC339G	LM339D	
UPC3403C	MC3403N	
UPC3403G	MC3403D	
UPC356C	LF356N	
UPC357C	LF357N	
UPC358C	LM358N	
UPC358G	LM358D	
UPC393C	LM393N	

\* coming soon



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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
UPC451C	LM2902N	
UPC451G	LM2902D	
UPC452C	MC3303N	
UPC452G	MC3303D	
UPC1251G	LM258D	
UPC4556C	TS522IN	
UPC4556G2	TS522ID	
UPC4558G	MC4558CD	
UPC4558N	MC4558CN	
UPC457DG	LM833D	
UPC4570C	LM833N	
UPC4572C	LM833N	
UPC4572G2	LM833D	
UPC4741C	LM348N	
UPC4741G	LM348D	
UPC741C	UA741CN	
UPC842C	TSH22IN	TS522IN
UPC842G2	TSH22ID	TS522ID
UPC844C	TSH24IN	TS524IN
UPC844G2	TSH24ID	TS524ID
UPD555C	TS555CN	
UPD555G2	TS555CD	
UPD556C	TS556CN	
UPD556G2	TS556CD	
<b>NJRC</b>		
NJM2059D	MC4558IN	
NJM2059M	MC4558ID	
NJM2100D	TS462CN*	
NJM2100M	TS462CD*	
NJM2114D	TSH22IN	
NJM3404AD	TS512IN	LM2904N
NJM3404M	TS512ID	LM2904D
NJM3414D	TS912IN	TS922IN
NJM3414M	TS912ID	TS922ID
NJM3415D	TS912IN	TS922IN
NJM3415M	TS912ID	TS922ID
NJM3416V	TS922IP	
NJM431D	TL431IN	
NJM431L	TL431IZ	
NJM431M	TL431ID	
NJM4556D	TS522IN	TS922IN if driving low output loads (@ 150Ω)
NJM4556M-B	TS522ID	TS922ID if driving low output loads (@ 150Ω)
NJM4556V	TS922IP	
NJM4558D	MC4558IN	
NJM4558M	MC4558ID	
NJM4559D	MC4558IN	
NJM4559M	MC4558ID	
NJM45660D	MC33078N	
NJM45660M	MC33078D	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
NJM4580D	LM833N	
NJM4580E	LM833D	
NJU7001D	TS271CN	
NJU7001M	TS271CD	
NJU7002D	TS27L2CN	
NJU7002M	TS27L2CD	
NJU7004D	TS27L4CN	
NJU7004M	TS27L4CD	
NJU7021D	TS271CN	
NJU7021M	TS271CD	
NJU7022D	TS27M2CN	
NJU7022M	TS27M2CD	
NJU7024D	TS27M4CN	
NJU7024M	TS27M4CD	
NJU7031D	TS271CN	
NJU7031M	TS271CD	
NJU7032D	TS272CN	
NJU7032M	TS272CD	
NJU7034D	TS274CN	
NJU7034M	TS274CD	
NJU7051D	TS271BCN	
NJU7051M	TS271BCD	
NJU7052D	TS27L2BCN	
NJU7052M	TS27L2BCD	
NJU7054D	TS27L4BCN	
NJU7054M	TS27L4BCD	
NJU7061D	TS271BCN	
NJU7061M	TS271BCD	
NJU7062D	TS27M2BCN	
NJU7062M	TS27M2BCD	
NJU7065D	TS27M4BCN	
NJU7064M	TS27M4BCD	
NJU7071D	TS271BCN	
NJU7071M	TS271BCD	
NJU7072D	TS272BCN	
NJU7072M	TS272BCD	
NJU7074D	TS274BCN	
NJU7074M	TS274BCD	
NJU7082AM	TS922ID	not pin to pin compatible
NJU7082AV	TS922IP	not pin to pin compatible
<b>PHILIPS</b>		
NE5234D	TS3V914ID	
NE5234N	TS3V914IN	
SA5234D	TS3V914ID	
SA5234N	TS3V914IN	
TDA1308	TS922IN	
TDA1308T	TS922ID	
<b>ROHM</b>		
BA15218	TS522IN	



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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
BA15218F	TS522ID	
BA15532	TS522IN	
BA15532F	TS522ID	
BA4558F	MC4558ID	
BA45460	MC33078N	
BA45460F	MC33078D	
<b>SAMSUNG</b>		
KA431AZ	TL431ACZ	
KA431ACZ	TL431ACZ	
KA431CD	TL431CD	
KA431CN	TL431CN	
KA431CZ	TL431CZ	
KA431D	TL431CD	
KA431IL	TL1431CZ	
KA431IN	TL431IN	
KA431IZ	TL431IZ	
KA431Z	TL431CZ	
KS555D	TS555ID	
KS555HD	TS555CD	
KS555HN	TS555CN	
KS555N	TS555IN	
KS556D	TS556CD	
KS556N	TS556CN	
<b>SIEMENS</b>		
TBA222B	UA741N	
TBB741G	UA741CD	
<b>SIGNETICS</b>		
ICM7555CD	TS555CD	
ICM7555CN	TS555CN	
ICM7555ID	TS555ID	
ICM7555IN	TS555IN	
LM111D	LM111D	
LM119D	LM119D	
LM124D	LM124D	
LM124N	LM124N	
LM139AD	LM139AD	
LM139D	LM139D	
LM139N	LM139N	
LM158N	LM158N	
LM193D	LM193D	
LM193N	LM193N	
LM211D	LM211D	
LM211N	LM211N	
LM219D	LM219D	
LM224D	LM224D	
LM224N	LM224N	
LM239AD	LM239AD	
LM239AN	LM239AN	
LM239D	LM239D	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
LM239N	LM239N	
LM258N	LM258N	
LM2901D	LM2901D	
LM2901N	LM2901N	
LM2903N	LM2903N	
LM293N	LM293N	
LM311D	LM311D	
LM311N	LM311N	
LM319D	LM319D	
LM324D	LM324D	
LM324N	LM324N	
LM339AD	LM339AD	
LM339AN	LM339AN	
LM339D	LM339D	
LM339N	LM339N	
LM358D	LM358D	
LM358N	LM358N	
LM393D	LM393D	
LM393N	LM393N	
MC1458D	MC1458D	
MC1458N	MC1458N	
MC1558D	MC1558D	
MC1558N	MC1558N	
MC3302D	LM239D	
MC3302N	LM239N	
MC3303D	MC3303D	
MC3303N	MC3303N	
MC3403CN	MC3403N	
MC3403D	MC3403D	
NE4558D	MC4558CD	
NE4558N	MC4558CN	
NE532D	LM358D	
NE532N	LM358N	
NE5532N	MC33078N	
NE5532AN	MC33078N	
NE555D	NE555D	
NE555N	NE555N	
NE556D	NE556D	
NE556N	NE556N	
SA1458D	MC1458ID	
SA1458N	MC1458IN	
SA4558D	MC4558ID	
SA4558N	MC4558IN	
SA532D	LM2904D	
SA532N	LM2904N	
SA534D	LM2902D	
SA534N	LM2902N	
SA741CN	UA741IN	
UA741CD	UA741CD	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
UA741CN	UA741CN	
UA741N	UA741MN	
<b>TEXAS INSTRUMENTS</b>		
LM201AD	LM201AD	
LM201AP	LM201AN	
LM211D	LM211D	
LM211P	LM211N	
LM224AD	LM224AD	
LM224AN	LM224AN	
LM224D	LM224D	
LM224N	LM224N	
LM236D-2.5	LM236D	
LM236LP-2.5	LM236Z	
LM239AD	LM239AD	
LM239AN	LM239AN	
LM239D	LM239D	
LM239N	LM239N	
LM248D	LM248D	
LM248N	LM248N	
LM258D	LM258D	
LM258P	LM258N	
LM285LP-1.2	TS431IZ*	
LM2901D	LM2901D	
LM2901N	LM2901N	
LM2902D	LM2902D	
LM2902N	LM2902N	
LM2903D	LM2903D	
LM2903P	LM2903N	
LM2904D	LM2904D	
LM2904P	LM2904N	
LM293D	LM293D	
LM301AD	LM301AD	
LM301AP	LM301AN	
LM311D	LM311D	
LM311P	LM311N	
LM324AD	LM324AD	
LM324AN	LM324AN	
LM324D	LM324D	
LM324N	LM324N	
LM3302D	LM239D	
LM3302N	LM239N	
LM336D-2.5	LM336D	
LM336LP-2.5	LM336Z	
LM339AD	LM339AD	
LM339AN	LM339AN	
LM339D	LM339D	
LM339N	LM339N	
LM348D	LM348D	
LM348N	LM348N	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
LM358AD	LM358AD	
LM358AP	LM358AN	
LM358D	LM358D	
LM358P	LM358N	
LM385BLP-1.2	TS431ACZ*	
LM385LP-1.2	TS431CZ*	
LM393D	LM393D	
LM393P	LM293N	
LM393P	LM393N	
MC1458D	MC1458D	
MC1458P	MC1458N	
MC3303D	MC3303D	
MC3303N	MC3303N	
MC3403D	MC3403D	
MC3403N	MC3403N	
NE555D	NE555D	
NE555P	NE555N	
NE556D	NE556D	
NE556N	NE556N	
OP07CP	OP07CN	
RC4558D	MC4558CD	
RC4558P	MC4558CN	
RV4558D	MC4558ID	
RV4558P	MC4558IN	
SA555D	SA555D	
SA555P	SA555N	
SA556D	SA556D	
SA556N	SA556N	
TL052CD/ID	TSH22ID	
TL052CP/IP	TSH22IN	
TL054CD/ID	TSH24ID	
TL054CN/IN	TSH24IN	
TL061ACD	TL061ACD	
TL061ACP	TL061ACN	
TL061CD	TL061CD	
TL061CP	TL061CN	
TL061ID	TL061ID	
TL061IP	TL061IN	
TL062ACP	TL062ACN	
TL062ACPD	TL062ACD	
TL062CD	TL062CD	
TL062CP	TL062CN	
TL062ID	TL062ID	
TL062IP	TL062IN	
TL064ACD	TL064ACD	
TL064ACN	TL064ACN	
TL064CD	TL064CD	
TL064CN	TL064CN	
TL064ID	TL064ID	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
TL064IN	TL064IN	
TL071ACD	TL071ACD	
TL071ACP	TL071ACN	
TL071CD	TL071CD	
TL071CP	TL071CN	
TL071ID	TL071ID	
TL071IP	TL071IN	
TL072ACD	TL072ACD	
TL072ACP	TL072ACN	
TL072CD	TL072CD	
TL072CP	TL072CN	
TL072ID	TL072ID	
TL072IP	TL072IN	
TL074ACD	TL074ACD	
TL074ACN	TL074ACN	
TL074CD	TL074CD	
TL074CN	TL074CN	
TL074ID	TL074ID	
TL074IN	TL074IN	
TL081ACD	TL081ACD	
TL081ACP	TL081ACN	
TL081CD	TL081CD	
TL081CP	TL081CN	
TL081ID	TL081ID	
TL081IP	TL081IN	
TL082ACD	TL082ACD	
TL082CD	TL082CD	
TL082CP	TL082CN	
TL082ID	TL082ID	
TL082IP	TL082IN	
TL084ACD	TL084ACD	
TL084ACN	TL084ACN	
TL084CD	TL084CD	
TL084CN	TL084CN	
TL084ID	TL084ID	
TL084IN	TL084IN	
TL431ACD	TL431ACD	
TL431ACP	AL431ACN	
TL431ACL	TL431ACZ	
TL431AID	TL431AID	
TL431AILP	TL431AIZ	
TL431AIP	TL431AIN	
TL431CD	TL431CD	
TL431CLP	TL431CZ	
TL431CP	TL431CN	
TL431ID	TL431ID	
TL431ILP	TL431IZ	
TL431IP	TL431IN	
TL1431CD	TL1431CD	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
TL1431CLP	TL1431CZ	
TL1431D	TL1431ID	
TL1431LP	TL1431IZ	
TL1431QD	TL1431ID	
TL1431QLP	TL1431IZ	
TLC2202CD/ID	TS922ID	TS922AID if low input offset voltage is requested
TLC2202CP/IP	TS922IN	TS922AID if low input offset voltage is requested
TLC2262AID	TS922AID	
TLC2262AIP	TS922AIN	
TLC2262CD/ID	TS912ID	TS912BID if low input offset voltage is requested
TLC2262CP/IP	TS912IN	TS912BIN if low input offset voltage is requested
TLC2262AIPWLE	TS922AIP	
TLC2262CPWLE	TS922IP	
TLC2264AID	TS924AID	
TLC2264AIN	TS924AIN	
TLC2264CD/ID	TS914ID	TS914BID if low input offset voltage is requested
TLC2264CN/IN	TS914IN	TS914BIN if low input offset voltage is requested
TLC2264AIPWLE	TS924AIP	
TLC2264CPWLE	TS924IP	
TLC2272CD/ID	TS922ID	TS912BID if a CMOS product is requested
TLC2272CP/IP	TS922IN	TS912IN if a CMOS product is requested
TLC2272ACD/AID	TS922AID	TS912BID if a CMOS product is requested
TLC2272ACP/AIP	TS922AIN	TS912BIN if a CMOS product is requested
TLC2272CPWLE	TS922IP	
TLC2274CD/ID	TS924ID	TS912ID if a CMOS product is requested
TLC2274CN/IN	TS924IN	TS912IN if a CMOS product is requested
TLC2274ACD/AID	TS924AID	TS912BID if a CMOS product is requested
TLC2274ACN/AIN	TS924AIN	TS912BIN if a CMOS product is requested
TLC2274CPWLE	TS924IP	
TLC2274IPWLE	TS924IP	
TLC271ACD	TS271ACD	
TLC271ACP	TS271ACN	
TLC271AID	TS271AID	
TLC271AIP	TS271AIN	
TLC271BCD	TS271BCD	
TLC271BCP	TS271BCN	
TLC271BID	TS271BID	
TLC271BIP	TS271BIN	
TLC271CD	TS271CD	
TLC271CP	TS271CN	
TLC271ID	TS271ID	
TLC271IP	TS271IN	
TLC272ACD	TS272ACD	
TLC272ACP	TS272ACN	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
TLC272AID	TS272AID	
TLC272AIP	TS272AIN	
TLC272BCD	TS272BCD	
TLC272BCP	TS272BCN	
TLC272BID	TS272BID	
TLC272BIP	TS272BIN	
TLC272CD	TS272CD	
TLC272CP	TS272CN	
TLC272ID	TS272ID	
TLC272IP	TS272IN	
TLC274ACD	TS274ACD	
TLC274ACN	TS274ACN	
TLC274AID	TS274AID	
TLC274AIP	TS274AIN	
TLC274BCD	TS274BCD	
TLC274BCN	TS274BCN	
TLC274BID	TS274BID	
TLC274BIP	TS274BIN	
TLC274CD	TS274CD	
TLC274CN	TS274CN	
TLC274ID	TS274ID	
TLC274IN	TS274IN	
TLC27L2ACD	TS27L2ACD	
TLC27L2ACP	TS27L2ACN	
TLC27L2AID	TS27L2AID	
TLC27L2AIP	TS27L2AIN	
TLC27L2BCD	TS27L2BCD	
TLC27L2BCP	TS27L2BCN	
TLC27L2BID	TS27L2BID	
TLC27L2BIP	TS27L2BIN	
TLC27L2CD	TS27L2CD	
TLC27L2CP	TS27L2CN	
TLC27L2ID	TS27L2ID	
TLC27L2IP	TS27L2IN	
TLC27L4ACD	TS27L4ACD	
TLC27L4ACN	TS27L4ACN	
TLC27L4AID	TS27L4AID	
TLC27L4AIN	TS27L4AIN	
TLC27L4BCD	TS27L4BCD	
TLC27L4BCN	TS27L4BCN	
TLC27L4BID	TS27L4BID	
TLC27L4BIN	TS27L4BIN	
TLC27L4CD	TS27L4CD	
TLC27L4CN	TS27L4CN	
TLC27L4ID	TS27L4ID	
TLC27L4IN	TS27L4IN	
TLC27M2ACD	TS27M2ACD	
TLC27M2ACP	TS27M2ACN	
TLC27M2AID	TS27M2AID	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
TLC27M2AIP	TS27M2AIN	
TLC27M2BCD	TS27M2BCD	
TLC27M2BCP	TS27M2BCN	
TLC27M2BID	TS27M2BID	
TLC27M2BIP	TS27M2BIN	
TLC27M2CD	TS27M2CD	
TLC27M2CP	TS27M2CN	
TLC27M2ID	TS27M2ID	
TLC27M2IP	TS27M2IN	
TLC27M4ACD	TS27M4ACD	
TLC27M4ACN	TS27M4ACN	
TLC27M4AID	TS27M4AID	
TLC27M4AIN	TS27M4AIN	
TLC27M4BCD	TS27M4BCD	
TLC27M4BCN	TS27M4BCN	
TLC27M4BID	TS27M4BID	
TLC27M4BIN	TS27M4BIN	
TLC27M4CD	TS27M4CD	
TLC27M4CN	TS27M4CN	
TLC27M4ID	TS27M4ID	
TLC27M4IN	TS27M4IN	
TLC2872ZD	TS922ID	
TLC2872ZP	TS922IN	
TLC339CD	TS339CD	
TLC339CN	TS339CN	
TLC339ID	TS339ID	
TLC339IN	TS339IN	
TLC3702CD	TS3702CD	
TLC3702CP	TS3702CN	
TLC3702ID	TS3702ID	
TLC3702IP	TS3702IN	
TLC3704CD	TS3704CD	
TLC3704CN	TS3704CN	
TLC3704ID	TS3704ID	
TLC3704IN	TS3704IN	
TLC372CD	TS372CD	
TLC372CP	TS372CN	
TLC372ID	TS372ID	
TLC372IP	TS372IN	
TLC374CD	TS374CD	
TLC374CN	TS374CN	
TLC374ID	TS374ID	
TLC374IN	TS374IN	
TLC393CD	TS393CD	
TLC393CP	TS393CN	
TLC393ID	TS393ID	
TLC393IP	TS393IN	
TLC555CD	TS555CD	
TLC555CP	TS555CN	

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INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
TLC555ID	TS555ID	
TLC555IP	TS555IN	
TLC555ID	TS3V555ID	
TLC555IP	TS3V555IN	
TLC556CD	TS556CD	
TLC556CN	TS556CN	
TLC556ID	TS556ID	
TLC556IN	TS556IN	
TLC556ID	TS3V556ID	
TLC556IN	TS3V556IN	
TLE2021CD/ID	MC33171D	
TLE2021CP/IP	MC33171IN	
TLE2021MD	MC35171D	
TLE2021MP	MC35171N	
TLE2022ACD/AID	TS512AID	
TLE2022ACP/AIP	TS512AIN	
TLE2022CD/ID	TS512ID	
TLE2022CP/IP	TS512IN	
TLE2024ACN/BCN	TS512AIN	
TLE2024AIDW	TS512AID	
TLE2024BIDW	TS512AID	
TLE2024AIN/BIN	TS512AIN	
TLE2024BCDW	TS512AID	
TLE2024DCDW	TS512AID	
TLE2024CDW	TS512ID	
TLE2024CN/IN	TS512IN	
TLV2231CDBV/IDBV	TS9511L*	not pin to pin compatible
TLV2252ID	TS3V912ID	
TLV2252IP	TS3V912IN	
TLV2254IP	TS3V914ID	
TLV2322ID	TS27L2ID	
TLV2322IP	TS27L2IN	
TLV2432CD/ID	TS3V912ID	
TLV2442CD/ID	TS3V912ID	
TLV431ACDBV5	TS431ACL*	
TLV431ACL P	TS431ACZ*	
TLV431AIDBV5	TS431AIL*	
TLV431AIL P	TS431AIZ*	
UA741CD	UA741CD	
UA741CP	UA741CN	
UA748CD	UA748CD	
UA748CP	UA748CN	
<b>TOSHIBA</b>		
TA7504P	UA741CN	
TA75061P	TL061CN	
TA75062F	TL062CD	
TA75062P	TL062CN	
TA75064F	TL064CD	
TA75064P	TL064IN	

INDUSTRY STANDARD	NEAREST SGS-THOMSON TYPE	COMMENTS OR OTHER ALTERNATIVES
TA75064P	TL064CN	
TA7506P	LM301AN	
TA75071F	TL071CD	
TA75071P	TL071CN	
TA75072F	TL072CD	
TA75072P	TL072CN	
TA75074F	TL074CD	
TA75074P	TL074CN	
TA75339F	LM2901D	
TA75339P	LM2901N	
TA75358CF	LM358D	
TA75358CP	LM358N	
TA75358F	LM2904D	
TA75358P	LM2904N	
TA75393F	LM2903D	
TA75393P	LM2903N	
TA7540P	UA776IN	
TA75458F	MC1458D	
TA75558F	MC4558CD	
TA75558P	MC4558CN	
TA7555F	NE555D	
TA7555P	NE555N	
TA75902F	LM2902D	
TA75902P	LM2902N	
TC75W51FU	TS922IP	
TC75W54FU	TS922IP	
TC75W57FU	TS922IP	
<b>ZETEX</b>		
ZRA125	TS431*	

\* coming soon

