

Linear and Interface Circuits Cross Reference Guide

from Texas Instruments



Linear Device Listing and Cross Reference Guide

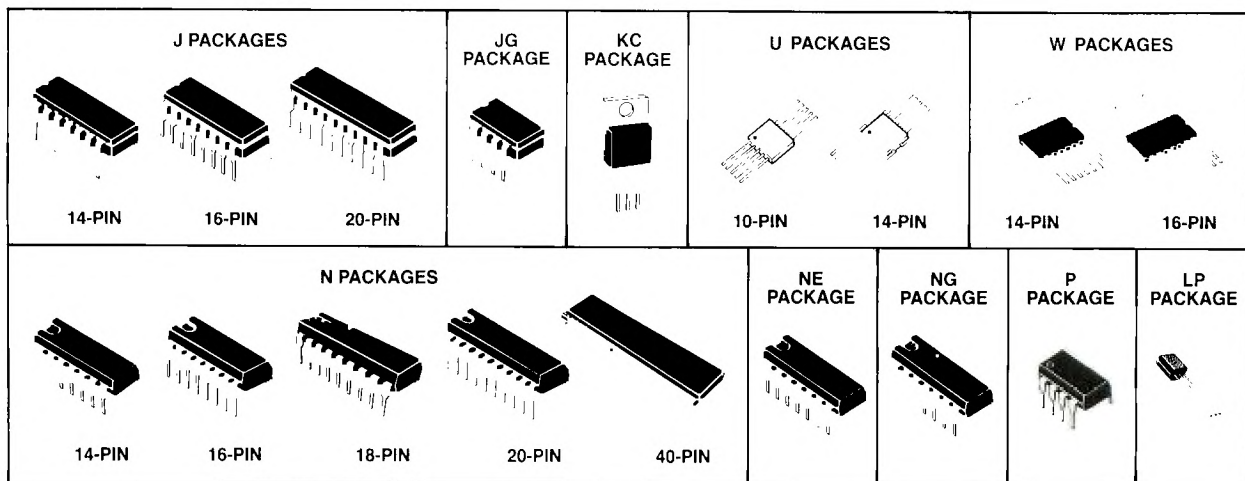
This industry-to-TI cross reference guide lists devices in alphanumeric order.

Direct replacements were based on similarity of electrical and mechanical characteristics as shown in currently published data. Interchangeability in particular applications is not guaranteed. Before using a device as a substitute, the user should compare the specifications of the substitute device with the specifications of the original.

Vendor Package Conference

PACKAGE TYPES		A M D	F A I R C H I L D	I T T	M O T O R O L A	N A T I O N A L	P M I	R A Y T H E O N	R C A	S I G N E T I C S	S I L I C O N	G E N E R A L	S P R A G U E	T E X A S	I N S T R U M E N T S
P L A S T I C	D I P S	8 P I N	P C, T	T	N	P 1, P	N	P	N, D N, D P, M P	E, G	V, N	M	M	P	
	14 P I N O R L A R G E R	P	P	N	P 2, P	N	Y, Q, X, V	D B, M P	E, G	A, N B, X A	N	A, B	N, N E, N G,		
C E R A M I C	D I P S	8 P I N		R	U	J		D C, D D, D, M	F			H	J G		
	14 P I N O R L A R G E R	D	D	L	D, J	D, M		D, F	F, I	D	H, R	J			
T O 9 2	PLASTIC		W		P	Z								LP	
T O 2 2 0	PLASTIC		U		T	T								KC	
C E R A M I C	F L A T P A K S	10 P I N	F	F	U	U, F	F, U, W	L	Q	K	Q, W	F	C	U	
		14 P I N O R L A R G E R	F	F	F	U, F	F, U, W	M, N	C J, C L, C K, F	K	Q, W	F	C, F	W, W A	

TI Packages



DEVICE	T.I. DIRECT REPLACEMENT	DEVICE	T.I. DIRECT REPLACEMENT	DEVICE	T.I. DIRECT REPLACEMENT
ADC0808	ADC0808	CA748C	UA748C	LM1558	MC1558
ADC0809	ADC0809	DM7820	SN55182	LM158	LM158
ADC0816	ADC0816	DM7830	SN55183	LM1900	LM1900
ADC0817	ADC0817	DM8820	DS8820A	LM193	LM193
AM1488	SN75188	DM8830	DS8830	LM201A	LM201A
AM1489	SN75189	DM8880	SN75480	LM207	LM207
AM1489A	SN75189A	DS0026C	SN75369	LM211	LM211
AM26LS31C	AI. . S31C	DS1488	SN75188	LM217	LM217
AM26LS32A	AI. . S32A	DS1489	SN75189	LM218	LM218
AM26LS32C	AM26LS32A	DS1489A	SN75189A	LM224	LM224
AM26LS33C	AM26LS33C	DS55XX	S. . . X	LM239	LM239
AM26S10C	AM26S10C	DS55XXX	S. . . XX	LM248	LM248
AM26S10M	COMING	DS7520	SN7520	LM258	LM258
AM26S11C	AM26S11C	DS7521	DS7521	LM2900	LM2900
AM26S11M	COMING	DS7522	DS7522	LM2901	LM2901
AM55XX	SN55XX	DS7523	SN7522	LM2902	LM2902
AM55XXX	SN55XXX	DS7524	SN7524	LM2903	LM2903
AM75XX	SN75XX	DS7525	SN7524	LM2904	LM2904
AM75XXX	SN75XXX	DS7528	SN7528	LM293	LM293
AM7820A	SN55182	DS7529	SN7528	LM301A	LM301A
AM7830	DS75XX	DS75XXX	SN75XXX	LM307	LM307
AM7831	DS7831	DS7820	SN55182	LM311	LM311
AM7832	DS7832	DS7820A	SN55182	LM317	LM317
AM8820A	DS8820A	DS7830	SN55183	LM318	LM318
AM8830	DS8830	DS7831	DS7831	LM320-5	UA7905C
AM8831	DS8831	DS7832	DS7832	LM320-6	UA7906C
AM8832	DS8832	DS8820	SN75182	LM320-8	UA7908C
AM9614C	9614C	DS8820A	DS8820A	LM320-12	UA7912C
AM9614M	SN55114	DS8830	DS8830	LM320-15	UA7915C
AM9615C	9615C	DS8831	DS8831	LM320-24	UA7924C
AM9615M	SN55115	DS8832	DS8832	LM324	LM324
CA101A	LM101A	DS8880	SN75480	LM324A	LM324A
CA111	LM111	ITT1488	SN75188	LM3302	LM3302
CA124	LM124	ITT1489	SN75189	LM337	LM337
CA139	LM139	ITT1489A	SN75189A	LM339	LM339
CA1458	MC1458	ITT491	SN75491	LM339A	LM339A
CA1558	MC1558	ITT492	SN75492	LM340-5	UA7805C
CA158	LM158	ITT493	SN75493	LM340-6	UA7806C
CA201A	LM201A	ITT494	SN75494	LM340-8	UA7808C
CA211	LM211	ITT55XXX	SN55XXX	LM340-10	UA7810C
CA224	LM224	ITT7520	SN7520	LM340-12	UA7812C
CA239	LM239	ITT7521	SN7520	LM340-15	UA7815C
CA258	LM258	ITT7522	SN7522	LM340-18	UA7818C
CA2904	LM2904	ITT7523	SN7522	LM340-24	UA7824C
CA301A	LM301A	ITT7524	SN7524	LM340L-5	UA78L05C
CA307	LM307	ITT7525	SN7524	LM340L-6	UA78L06C
CA311	LM311	ITT7528	SN7528	LM340L-8	UA78L08C
CA324	LM324	ITT7529	SN7529	LM340L-12	UA78L12C
CA339	LM339	ITT75XXX	SN75XXX	LM340L-15	UA78L15C
CA339A	LM339A	ITT9614	9614C	LM341-5	UA78M05C
CA358	UA723M	ITT9615	9615C	LM341-6	UA78M06C
CA555	NE555	LM101A	LM101A	LM341-8	UA78M08C
CA555C	UA723M	LM107	LM107	LM341-12	UA78M12C
CA723	UA723C	LM111	LM111	LM341-15	UA78M15C
CA723C	UA723C	LM124	LM124	LM341-24	UA78M24C
CA741	UA741M	LM139	LM139	LM348	LM348
CA741C	UA741C	LM148	LM148	LM350	LM350
CA747	UA747M	LM1414	TL514C	LM358	LM358
CA747C	UA747C	LM1458	MC1458	LM376	LM376
CA748	UA748M	LM1514	TL514M	LM3900	LM3900
				LM393	LM393

DEVICE TYPE	T.I. DIRECT REPLACEMENT	DEVICE TYPE	T.I. DIRECT REPLACEMENT	DEVICE TYPE	T.I. DIRECT REPLACEMENT
LM555C	NE555	MC3302	LM3302	MC7906C	UA7906C
LM555M	SE555	MC3303	MC3303	MC7908C	UA7908C
LM556C	NE556	MC3403	MC3403	MC7912C	UA7912C
LM556M	SE556	MC3423	MC3423	MC7915C	UA7915C
LM709	UA709M	MC3446	MC3446	MC7918C	UA7918C
LM709C	UA709C	MC3486	MC3486	MC7924C	UA7924C
LM710	UA710M	MC3487	MC3487	MC8T13	N8T13
LM710C	UA710C	MC3503	MC3503	MC8T14	N8T14
LM711	UA711M	MC7711	SN55XX	MC8T23	N8T23
LM711C	UA711C	MC7711	SN55XXX	MC8T24	N8T24
LM723	UA723M	MC75XX	SN75XX	MC8T26	N8T26
LM723C	UA723C	MC75XXX	SN75XXX	MC8T26A	N8T26A
LM733	UA733M	MC7705	UA78M05C	MLM101A	LM101A
LM733C	UA733C	MC7706	UA78M06C	MLM111	LM111
LM741	UA741M	MC7708	UA78M08C	MLM201A	LM201A
LM741C	UA741C	MC7712	UA78M12C	MLM211	LM211
LM747	UA747M	MC7715	UA78M15C	MLM301A	LM301A
LM747C	UA747C	MC7720	UA78M20C	MLM307	LM307
LM748	UA748M	MC7724	UA78M24C	MLM311	LM311
LM748C	UA748C	MC78L02.6C	UA78L02C	MMH0026C	SN75369
LM78L05C	UA78L05C	MC78L05C	UA78L05C	NE532	LM358
LM78L08C	UA78L08C	MC78L06.2C	UA78L06C	NE5532	LM358A
LM78L12C	UA78L12C	MC78L12C	UA78L12C	NE5532A	LM358A
LM78L15C	UA78L15C	MC78L15C	UA78L15C	NE5533	NE5533
MC1411	ULN2001A	MC78M05C	UA78M05C	NE5533A	NE5533A
MC1412	ULN2002A	MC78M05M	UA78M05M	NE5534	NE5534
MC1413	ULN2003A	MC78M06C	UA78M06C	NE5534A	NE5534A
MC1414	TL514C	MC78M06M	UA78M06M	NE555	NE555
MC1416	ULN2004A	MC78M08C	UA78M08C	NE5553	NE5553
MC1445	MC1445	MC78M08M	UA78M08M	NE5553A	NE5553A
MC1455	NE555	MC78M12C	UA78M12C	NE78LXX	UA78LXXC
MC1458	MC1458	MC78M12M	UA78M12M	NE78MXX	UA78MXXC
MC1488	MC1488 or SN75188	MC78M15C	UA78M15C	NE78XX	UA78XXC
MC1489	MC1489 or SN75189	MC78M15M	UA78M15M	N8T13	N8T13
MC1489A	MC1489A or SN75189A	MC78M20C	UA78M20C	N8T14	N8T14
MC1514	TL514M	MC78M20M	UA78M20M	N8T23	N8T23
MC1545	MC1545	MC78M24C	UA78M24C	N8T24	N8T24
MC1555	SE555	MC78M24M	UA78M24M	N8T26	N8T26
MC1558	MC1558	MC7805C	UA7805C	N8T26A	N8T26A
MC1709	UA709M	MC7806C	UA7806C	OP-07	OP-07
MC1709C	UA709C	MC7808C	UA7808C	RC1414C	TL514C
MC1710	UA710M	MC7812C	UA7812C	RC1458	MC1458
MC1710C	UA710C	MC7815C	UA7815C	RC1488	SN75188
MC1711	UA711M	MC7818C	UA7818C	RC1489	SN75189
MC1711C	UA711C	MC7824C	UA7824C	RC1489A	SN75189A
MC1723	UA723M	MC7911	UA79M05C	RC3302	LM3302
MC1723C	UA723C	MC7911A	UA79M05M	RC4136	RC4136
MC1733	UA733M	MC79MubC	UA79M06C	RC4558	RC4558
MC1733C	UA733C	MC79M06M	UA79M06M	RC555	NE555
MC1741	UA741M	MC79M08C	UA79M08C	RC709	UA709C
MC1741C	UA741C	MC79M08M	UA79M08M	RC710	UA710C
MC1747	UA747M	MC79M12C	UA79M12C	RC711	UA711C
MC1747C	UA747C	MC79M12M	UA79M12M	RC723	UA723C
MC1748	UA748M	MC79M15C	UA79M15C	RC733	UA733C
MC1748C	UA748C	MC79M15M	UA79M15M	RC741	UA741C
		MC79M20C	UA79M20C	RC747	UA747C
		MC79M20M	UA79M20M	RC748	UA748C
		MC79M24C	UA79M24C	RC78XX	UA78XXC
		MC79M24M	UA79M24M	RM1514	TL514M
		MC7905C	UA7905C	RM1558	MC1558

DEVICE TYPE	TI DIRECT REPLACEMENT	DEVICE TYPE	TI DIRECT REPLACEMENT	DEVICE TYPE	TI DIRECT REPLACEMENT
RM4136	RM4136	SN55453B	TI PART	SN75182	TI PART
RM4558	RM4558	SN55454B	TI PART	SN75183	TI PART
RM555	RM555	SN55460	TI PART	SN75188	TI PART
RM709	UA710M	SN55461	TI PART	SN75189	TI PART
RM710	UA710M	SN55462	TI PART	SN75189A	TI PART
RM711	UA711M	SN55463	TI PART	SN7520	TI PART
RM723	UA723M	SN55464	TI PART	SN75207	TI PART
RM733	UA733M	SN55470	TI PART	SN75207B	TI PART
RM741	UA741M	SN55471	TI PART	SN75208	TI PART
RM747	UA747M	SN55472	TI PART	SN75208B	TI PART
RM748	UA748M	SN55473	TI PART	SN7522	TI PART
SA555	SA555	SN55474	TI PART	SN75232	TI PART
SE532	LM158	SN75107A	TI PART	SN75232	TI PART
SE5534	SE5534	SN75107B	TI PART	SN7524	TI PART
SE5534A	SE5534A	SN75108A	TI PART	SN7524	TI PART
SE555	SE555	SN75108B	TI PART	SN75270	TI PART
SE556	SE556	SN75109A	TI PART	SN7528	TI PART
SE5733	UA733M	SN75110A	TI PART	SN75322	TI PART
SG1524	SG1524	SN75112	TI PART	SN75324	TI PART
SG2524	SG2524	SN75113	TI PART	SN75325	TI PART
SG3524	SG3524	SN75114	TI PART	SN75326	TI PART
SN55107A	TI PART	SN75115	TI PART	SN75327	TI PART
SN55107B	TI PART	SN75116	TI PART	SN75328	TI PART
SN55108A	TI PART	SN75117	TI PART	SN75330	TI PART
SN55108B	TI PART	SN75118	TI PART	SN75340	TI PART
SN55109A	TI PART	SN75119	TI PART	SN75341	TI PART
SN55110A	TI PART	SN75121	TI PART	SN75345	TI PART
SN55113	TI PART	SN75122	TI PART	SN75346	TI PART
SN55114	TI PART	SN75123	TI PART	SN75350	TI PART
SN55115	TI PART	SN75124	TI PART	SN75361A	TI PART
SN55116	TI PART	SN75125	TI PART	SN75363	TI PART
SN55117	TI PART	SN75127	TI PART	SN75365	TI PART
SN55118	TI PART	SN75128	TI PART	SN75366	TI PART
SN55119	TI PART	SN75129	TI PART	SN75367	TI PART
SN55121	TI PART	SN75136	TI PART	SN75368	TI PART
SN55122	TI PART	SN75138	TI PART	SN75369	TI PART
SN55138	TI PART	SN75140	TI PART	SN75370	TI PART
SN55140	TI PART	SN75141	TI PART	SN75375	TI PART
SN55141	TI PART	SN75142	TI PART	SN75401	TI PART
SN55142A	TI PART	SN75142A	TI PART	SN75402	TI PART
SN55143A	TI PART	SN75143	TI PART	SN75403	TI PART
SN55158	TI PART	SN75143A	TI PART	SN75404	TI PART
SN55182	TI PART	SN75150	TI PART	SN75411	TI PART
SN55183	TI PART	SN75151	TI PART	SN75412	TI PART
SN5520	TI PART	SN75152	TI PART	SN75413	TI PART
SN5522	TI PART	SN75153	TI PART	SN75414	TI PART
SN55232	TI PART	SN75154	TI PART	SN75416	TI PART
SN55234	TI PART	SN75158	TI PART	SN75417	TI PART
SN55238	TI PART	SN75159	TI PART	SN75418	TI PART
SN5524	TI PART	SN75160	TI PART	SN75419	TI PART
SN55325	TI PART	SN75161	TI PART	SN75426	TI PART
SN55326	TI PART	SN75162	TI PART	SN75427	TI PART
SN55327	TI PART	SN75163	TI PART	SN75427B	TI PART
SN55328	TI PART	SN75172	TI PART	SN75430	TI PART
SN55329	TI PART	SN75173	TI PART	SN75430	TI PART
SN55426A	TI PART	SN75174	TI PART	SN75431	TI PART
SN55427A	TI PART	SN75175	TI PART	SN75432	TI PART
SN55446	TI PART	SN75176	TI PART	SN75433	TI PART
SN55447	TI PART	SN75177	TI PART	SN75434	TI PART
SN55450B	TI PART	SN75178	TI PART	SN75437	TI PART
SN55451B	TI PART				
SN55452B	TI PART				

DEVICE TYPE	T.I. DIRECT REPLACEMENT	DEVICE	T.I. DIRECT REPLACEMENT	DEVICE	T.I. DIRECT REPLACEMENT
SN75441	TI PART	TL021	TI PART	TL083I	TI PART
SN75446	TI PART	TL022C	TI PART	TL084AC	TI PART
SN75447	TI PART	TL022M	TI PART	TL084BC	TI PART
SN75448	TI PART	TL060AC	TI PART	TL084C	TI PART
SN75449	TI PART	TL060C	TI PART	TL084I	TI PART
SN75450B	TI PART	TL060I	TI PART	TL084M	TI PART
SN75451B	TI PART	TL061AC	TI PART	TL085C	TI PART
SN75452B	TI PART	TL061BC	TI PART	TL087C	TI PART
SN75453B	TI PART	TL061C	TI PART	TL087I	TI PART
SN75454B	TI PART	TL061I	TI PART	TL088C	TI PART
SN75460	TI PART	TL061M	TI PART	TL088I	TI PART
SN75461	TI PART	TL062AC	TI PART	TL088M	TI PART
SN75462	TI PART	TL062BC	TI PART	TL091C	TI PART
SN75463	TI PART	TL062C	TI PART	TL092C	TI PART
SN75464	TI PART	TL062I	TI PART	TL094C	TI PART
SN75466	TI PART	TL062M	TI PART	TL094I	TI PART
SN75467	TI PART	TL064AC	TI PART	TL094M	TI PART
SN75468	TI PART	TL064BC	TI PART	TL111	TI PART
SN75469	TI PART	TL064C	TI PART	TL170C	TI PART
SN75470	TI PART	TL064I	TI PART	TL172C	TI PART
SN75471	TI PART	TL064M	TI PART	TL173C	TI PART
SN75472	TI PART	TL066AC	TI PART	TL175C	TI PART
SN75473	TI PART	TL066BC	TI PART	TL176C	TI PART
SN75474	TI PART	TL066C	TI PART	TL182C	TI PART
SN75475	TI PART	TL066I	TI PART	TL182I	TI PART
SN75476	TI PART	TL068C	TI PART	TL182M	TI PART
SN75477	TI PART	TL070AC	TI PART	TL185C	TI PART
SN75478	TI PART	TL070C	TI PART	TL185I	TI PART
SN75479	TI PART	TL070I	TI PART	TL185M	TI PART
SN75480	TI PART	TL071AC	TI PART	TL188C	TI PART
SN75481	TI PART	TL071BC	TI PART	TL188I	TI PART
SN75490	TI PART	TL071C	TI PART	TL188M	TI PART
SN75491	TI PART	TL071I	TI PART	TL191C	TI PART
SN75491A	TI PART	TL071M	TI PART	TL191I	TI PART
SN75492	TI PART	TL072AC	TI PART	TL191M	TI PART
SN75492A	TI PART	TL072BC	TI PART	TL287C	TI PART
SN75493	TI PART	TL072C	TI PART	TL287I	TI PART
SN75494	TI PART	TL072I	TI PART	TL288C	TI PART
SN75496	TI PART	TL072M	TI PART	TL288I	TI PART
SN75496A	TI PART	TL074AC	TI PART	TL288M	TI PART
SN75497	TI PART	TL074BC	TI PART	TL311A	TI PART
SN75498	TI PART	TL074C	TI PART	TL311	TI PART
SN75500A	TI PART	TL074I	TI PART	TL317	TI PART
SN75501A	TI PART	TL074M	TI PART	TL321C	TI PART
SN75502A	TI PART	TL075C	TI PART	TL321I	TI PART
SN75503A	TI PART	TL080AC	TI PART	TL321M	TI PART
SN75510	TI PART	TL080C	TI PART	TL322C	TI PART
SN75511	TI PART	TL080I	TI PART	TL322I	TI PART
SN75516	TI PART	TL081AC	TI PART	TL322M	TI PART
SN75517	TI PART	TL081BC	TI PART	TL331C	TI PART
SN75520	TI PART	TL081C	TI PART	TL331I	TI PART
SN75581	TI PART	TL081I	TI PART	TL331M	TI PART
SN75584	TI PART	TL081M	TI PART	TL376C	TI PART
SN75601	TI PART	TL082AC	TI PART	TL430C	TI PART
SN75602	TI PART	TL082BC	TI PART	TL430I	TI PART
S8T13	TI PART	TL082C	TI PART	TL431C	TI PART
S8T14	TI PART	TL082I	TI PART	TL431I	TI PART
TL011	TI PART	TL082M	TI PART	TL431M	TI PART
TL012	TI PART	TL083AC	TI PART	TL440C	TI PART
TL014	TI PART	TL083C	TI PART	TL441C	TI PART

DEVICE TYPE	T.I. DIRECT REPLACEMENT	DEVICE TYPE	T.I. DIRECT REPLACEMENT	DEVICE TYPE	T.I. DIRECT REPLACEMENT
TL441M TL442C TL450C TL451-5C TL451-12C	TI PART TI PART TI PART TI PART TI PART	TL820C UA101A UA111 UA139 UA1458	TI PART LM101A LM111 LM139 MC1458	UA78L15AC UA78L15C UA78M05C UA78M05M UA78M06C	UA78L15AC UA78L15C UA78M05C UA78M05M UA78M06C
TL451-15C TL452-5C TL452-12C TL452-15C TL480C	TI PART TI PART TI PART TI PART TI PART	UA1488 UA1489 UA1489A UA1558 UA201A	SN75188 SN75189 SN75189A MC1558 LM201A	UA78M06M UA78M08C UA78M08M UA78M10C UA78M10M	UA78M06M UA78M08C UA78M08M UA78M10C UA78M10M
TL481C TL487C TL489C TL490C TL491C	TI PART TI PART TI PART TI PART TI PART	UA2240C UA301A UA307 UA311 UA376	UA2240C LM301A LM307 LM311 LM376	UA78M12C UA78M12M UA78M15C UA78M15M UA78M20C	UA78M12C UA78M12M UA78M15C UA78M15M UA78M20C
TL493C TL493I TL493M TL494C TL494I	TI PART TI PART TI PART TI PART TI PART	UA555 UA555C UA709 UA709C UA709M	SE555 NE555 UA709M UA709C UA709M	UA78M20M UA78M22C UA78M22M UA78M24C UA78M24M	UA78M20M UA78M22C UA78M22M UA78M24C UA78M24M
TL494M TL495C TL495I TL495M TL496C	TI PART TI PART TI PART TI PART TI PART	UA710 UA710C UA710M UA711 UA711C	UA710M UA710C UA710M UA711M UA711C	UA7805C UA7806C UA7808C UA7810C UA7812C	UA7805C UA7806C UA7808C UA7810C UA7812C
TL497AC TL497AI TL497AM TL497C TL497I	TI PART TI PART TI PART TI PART TI PART	UA711M UA723 UA723C UA723M UA733	UA711M UA723M UA723C UA723M UA733M	UA7815C UA7818C UA7822C UA7824C UA7885C	UA7815C UA7818C UA7822C UA7824C UA7885C
TL497M TL500C TL501C TL502C TL503C	TI PART TI PART TI PART TI PART TI PART	UA733C UA733M UA741 UA741C UA741I	UA733C UA733M UA741M UA741C UA741I	UA79M05C UA79M05M UA79M06C UA79M06M UA79M08C	UA79M05C UA79M05M UA79M06C UA79M06M UA79M08C
TL505AC TL505C TL507C TL514C TL514M	TI PART TI PART TI PART TI PART TI PART	UA741M UA747 UA747-1 UA747-1C UA747-1M	UA741M UA747M UA747-1M UA747-1C UA747-1M	UA79M08M UA79M12C UA79M12M UA79M15C UA79M15M	UA79M08M UA79M12C UA79M12M UA79M15C UA79M15M
TL560C TL601C TL601I TL601M TL604C	TI PART TI PART TI PART TI PART TI PART	UA747C UA747M UA748 UA748C UA748M	UA747C UA747M UA748M UA748C UA748M	UA79M20C UA79M20M UA79M24C UA79M24C UA7905C	UA79M20C UA79M20M UA79M24C UA79M24C UA7905C
TL604I TL604M TL607C TL607I TL607M	TI PART TI PART TI PART TI PART TI PART	UA777C UA78L02AC UA78L02C UA78L05AC UA78L05C	UA777C UA78L02AC UA78L02C UA78L05AC UA78L05C	UA7906C UA7908C UA7912C UA7915C UA7918C	UA7906C UA7908C UA7912C UA7915C UA7918C
TL610C TL610I TL610M TL710C TL710M	TI PART TI PART TI PART TI PART TI PART	UA78L06AC UA78L06C UA78L08AC UA78L08C UA78L09AC	UA78L06AC UA78L06C UA78L08AC UA78L08C UA78L09AC	UA7924C UA7952C UA8T13C UA8T13M UA8T14C	UA7924C UA7952C N8T13C N8T13M N8T14C
TL7805AC TL7812AC TL7815AC TL810C TL810M	TI PART TI PART TI PART TI PART TI PART	UA78L09C UA78L10AC UA78L10C UA78L12AC UA78L12C	UA78L09C UA78L10AC UA78L10C UA78L12AC UA78L12C	UA8T14M UA8T23C UA8T24C UA9636AC UA9636AM	UA8T14M UA8T23C UA8T24C UA9636AC UA9636AM

DEVICE TYPE	T.I DIRECT REPLACEMENT	DEVICE TYPE	T.I DIRECT REPLACEMENT	DEVICE TYPE	T.I DIRECT REPLACEMENT
UA9636C	UA9636AC	XR-074M	TL074M	9615C	9615C
UA9637AC	UA9637AC	XR-082C	TL082C	9615M	SN55115
UA9637AM	UA9637AM	XR-082M	TL082M	9640C	AM26S10C
UA9637C	UA9637AC	XR-083C	TL083C	9640M	COMING
UA9643AC	UA9643AC	XR-083M	TL083M	9641C	AM26S11C
UA9644AC	UA9644AC	XR-084C	TL084C	9664C	COMING
UDN2841	UDN2841	XR-084M	TL084M	9665AC	SN75115
UDN2842	UDN2842	XR-084M	TL084M	9665C	SN75115
ULN2001A	ULN2001A	1488C	SN75188	9666AC	ULN2001A
ULN2002A	ULN2002A	1489AC	SN75189A	9666C	SN75467
ULN2003A	ULN2003A	1489C	SN75189	9667AC	ULN2002A
ULN2004A	ULN2004A	55XX	SN75189	9667C	SN75468
ULN2064	ULN2064	55XXX	SN75189	9668AC	ULN2003A
ULN2065	ULN2065	75XX	SN75XX	9668C	SN75469
ULN2066	ULN2066	75XXX	SN75XXX		ULN2004A
ULN2067	ULN2067	8T13	N8T13		
ULN2068	ULN2068	8T14	N8T14		
ULN2069	ULN2069	8T23	N8T23		
ULN2074	ULN2074	8T24	N8T24		
ULN2075	ULN2075	8T26	N8T26		
XR-072C	TL072C	8T26A	N8T26A		
XR-072M	TL072M	9614C	9614C		
XR-074C	TL074C	9614M	SN55114		
XR-074M	TL074M				

100% Processing for lower system cost

The Product Enhancement Program (PEP) is an effective approach to lower total system cost. Three levels of 100% processing – PEP 1, 3, 4 provide *you* with the optimum material for *your* application.

PEP 100% processing schedule

PROCESS STEP	METHOD/CONDITION	PEP 1	PEP 3	PEP 4	RESULTING IN
Symbolization	PEP specification	P1	P3	P4	PEP starting material
Temperature Cycle	MIL-STD-883B, Method 1010, 10 cycles 0°C to 100°C	100%	100%	100%	Temperature stress of bonds/package
Continuity Test	100°C	100%	100%	100%	Removal of initial and temperature cycle related rejects
Functional and DC Parametric Test	100°C (Notes 1 and 2)	100%	100%	100%	Ensured electrical limits including functional test at VCC max and min limits
Burn-In	MIL-STD-883B, Method 1015, 168 hrs at 125°C or accelerated using 0.96 ev activation energy		100%	100%	Acceleration of early life failures
Fine Leak	MIL-STD-883B, Method 1014			100%	Removal of hermetic rejects
Functional and DC Parametric Test	70°C (Note 2) 2% Burn-In PDA for all TTL logic families	100%	100%	100%	Removal of early life failures
Final QA Inspection	PEP criteria	100%	100%	100%	Sample procedures provide guaranteed quality levels

Notes

- (1) Test limits used at 100°C are guardbanded for 0°C to 70°C data sheet limits
 (2) Linear and Bipolar Memory functional and DC parametric testing is performed at 25°C and guardbanded to 0°C and 70°C.

TI Sales Offices

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ARIZONA: Phoenix, P.O. Box 35160, 8102 N. 23rd Ave., Suite A, Phoenix, AZ 85069, (602) 249-1313.

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NEW YORK: East Syracuse, 6700 Old Guilmar Rd., East Syracuse, NY 13057, (315) 463-9291; Melville, 112 Nantux Ave., P.O. Box 100, Lindcott, NY 11756, (607) 754-7400; Poughkeepsie, 201 South Ave., Poughkeepsie, NY 12561, (914) 473-2900; Rochester, 1210 Jefferson Rd., Rochester, NY 14623, (716) 461-7400

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