

Introduction

Linear Integrated Systems is a U.S. based, full service semiconductor manufacturer of specialty linear products. Since 1987, we have been supplying pin for pin replacements for over 2000 discrete devices which are currently offered or were discontinued by Calogic, Interfet, Intersil, Micro Power Systems, Motorola, National, Fairchild, Phillips, and Siliconix-Vishay. We strive to provide our customers with the necessary options, solutions, and technology to produce leadership end products.

Contacts

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Cross Reference Guide

Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #
100S	LS845	1N5293	LS842	234S	LS3955	2N2915	LS311	2N3333	LS132	2N3728	LS122
102M	LS5912	1N5294	LS842	235S	LS3958	2N2915A	LS120	2N3334	LS132	2N3729	LS121
102S	LS842	1N5295	LS842	241U	LS842	2N2916	LS311	2N3335	LS132	2N3800	LS132
103M	LS842	1N5296	LS842	250U	LS4391	2N2916A	LS120	2N3336	LS132	2N3801	LS132
103S	LS842	1N5297	LS842	251U	LS4392	2N2917	LS311	2N3347	LS312	2N3802	LS132
104M	LS842	1N5299	LS842	2N2060	LS120	2N2918	LS311	2N3348	LS312	2N3803	LS132
105M	LS842	1N5300	LS842	2N2060A	LS121	2N2919	LS312	2N3349	LS132	2N3804	LS130
105U	LS845	1N5301	LS842	2N2060B	LS121	2N2919A	LS120	2N3350	LS312	2N3804A	LS130
106M	LS5912	1N5302	LS842	2N2223A	LS121	2N2920	LS312	2N3351	LS312	2N3805	LS130
107M	LS5912	1N5303	LS842	2N2333	LS122	2N2920A	LS312	2N3352	LS132	2N3805A	LS130
110U	LS842	1N5304	LS842	2N2453	LS311	2N2936	LS120	2N3365	LS842	2N3806	LS352
115U	LS842	1N5305	LS842	2N2453	LS122	2N2937	LS120	2N3366	LS842	2N3806	LS351
120U	LS842	1N5306	LS842	2N2453A	LS121	2N2972	LS122	2N3367	LS842	2N3807	LS352
1227A	LS842	1N5307	LS842	2N2453A	LS311	2N2973	LS122	2N3368	LS842	2N3808	LS352
125U	LS842	1N5308	LS842	2N2480	LS122	2N2974	LS120	2N3369	LS842	2N3809	LS352
1278A	LS842	1N5309	LS842	2N2480A	LS121	2N2975	LS120	2N3370	LS842	2N3810	LS352
1279A	LS842	1N5310	LS842	2N2639	LS120	2N2976	LS120	2N3409	LS122	2N3810A	LS352
1280A	LS5912	1N5311	LS842	2N2639	LS311	2N2977	LS120	2N3410	LS122	2N3811	LS352
1281A	LS842	1N5312	LS842	2N2640	LS311	2N2978	LS120	2N3411	LS122	2N3811A	LS352
1282A	LS842	1N5313	LS842	2N2640	LS122	2N2979	LS120	2N3423	LS122	2N3812	LS132
1283A	LS842	1N5314	LS842	2N2641	LS122	2N2980	LS121	2N3424	LS122	2N3813	LS132
1284A	LS845	2000M	LS842	2N2641	LS311	2N2981	LS122	2N3425	LS318	2N3814	LS132
1285A	LS842	2001M	LS842	2N2642	LS311	2N2982	LS122	2N3436	LS842	2N3815	LS132
1286A	LS845	200S	LS4392	2N2642	LS122	2N3044	LS122	2N3437	LS842	2N3816	LS3N163
130U	LS842	200U	LS842	2N2643	LS122	2N3045	LS122	2N3438	LS842	2N3816A	LS3N163
1325A	LS845	201S	LS4391	2N2643	LS311	2N3046	LS121	2N3452	LS842	2N3817	LS130
135U	LS842	202S	LS4392	2N2644	LS311	2N3047	LS122	2N3453	LS842	2N3817A	LS130
142T	LS4392	203S	LS842	2N2644	LS122	2N3048	LS122	2N3454	LS842	2N3819	LS845
14T	LS845	204S	LS842	2N2652	LS312	2N3049	LS122	2N3456	LS842	2N3820	LS4393
155U	LS5912	2078A	LS3955	2N2652	LS120	2N3050	LS122	2N3458	LS842	2N3821	LS842
158T	LS842	2079A	LS3955	2N2652A	LS120	2N3051	LS122	2N3459	LS842	2N3822	LS842
159T	LS5912	2080A	LS841	2N2652A	LS312	2N3052	LS122	2N3460	LS842	2N3823	LS842
1714A	LS842	2081A	LS841	2N2720	LS312	2N3059	LS122	2N3513	LS122	2N3824	LS842
182S	LS4391	2098A	LS841	2N2720	LS312	2N3066	LS842	2N3514	LS122	2N3907	LS120
183S	LS842	2099A	LS841	2N2721	LS312	2N3067	LS842	2N3515	LS122	2N3908	LS120
197S	LS842	210U	LS5912	2N2721	LS312	2N3068	LS842	2N3516	LS122	2N3910	LS312
198S	LS842	2130U	LS840	2N2722	LS311	2N3069	LS842	2N3517	LS122	2N3921	LS844
199S	LS842	2132U	LS3955	2N2802	LS132	2N3070	LS842	2N3521	LS122	2N3922	LS844
1N5283	LS5905	2134U	LS3956	2N2803	LS132	2N3071	LS842	2N3522	LS122	2N3949	LS132
1N5284	LS5905	2136U	LS3955	2N2804	LS132	2N3072	LS842	2N3587	LS122	2N3950	LS132
1N5285	LS5905	2138U	LS3958	2N2805	LS132	2N3084	LS842	2N3608	LS3N163	2N3954	LS3954
1N5286	LS5905	2139U	LS3958	2N2806	LS132	2N3085	LS842	2N3680	LS120	2N3954A	LS3954A
1N5287	LS5905	2147U	LS3958	2N2807	LS132	2N3086	LS842	2N3684	LS842	2N3955	LS3955
1N5288	LS5905	2148U	LS3958	2N2903	LS312	2N3087	LS842	2N3685	LS842	2N3955A	LS3954
1N5289	LS5905	2149U	LS3958	2N2903A	LS312	2N3088	LS842	2N3686	LS842	2N3956	LS3956
1N5290	LS5905	231S	LS3954	2N2910	LS122	2N3088A	LS842	2N3687	LS842	2N3957	LS3955
1N5291	LS5905	232S	LS3955	2N2913	LS311	2N3089	LS842	2N3726	LS131	2N3958	LS3958
1N5292	LS5905	233S	LS3956	2N2914	LS311	2N3089A	LS842	2N3727	LS130	2N3967	LS845

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Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #
2N3967A	LS845	2N4857A	LS4392	2N5391	LS842	2N5912	LS5912	AD3955	LS3955	BFS74	LS4391
2N3968	LS845	2N4858	LS4393	2N5392	LS842	2N5949	LS5912	AD3956	LS3956	BFS75	LS4392
2N3968A	LS845	2N4858A	LS4393	2N5393	LS842	2N5950	LS5912	AD3957	LS3955	BFS76	LS4393
2N3969	LS845	2N4859	LS4393	2N5394	LS842	2N5951	LS5912	AD3958	LS3958	BFS77	LS4393
2N3970	LS4391	2N4859A	LS4393	2N5395	LS842	2N5952	LS5912	AD810	LS310	BFS78	LS4391
2N3971	LS4392	2N4860	LS4391	2N5396	LS842	2N5953	LS5912	AD811	LS311	BFS79	LS4392
2N3972	LS4393	2N4860A	LS4391	2N5397	LS5912	2N6085	LS122	AD812	LS312	BFS80	LS5912
2N4009	LS132	2N4861	LS4392	2N5432	LSJ108	2N6086	LS122	AD813	LS313	BFT46	LS842
2N4010	LS132	2N4861A	LS4392	2N5433	LSJ108	2N6087	LS121	AD814	LS302	BFW10	LS842
2N4011	LS132	2N4867	LS842	2N5434	LSJ110	2N6088	LS121	AD815	LS301	BFW11	LS842
2N4015	LS132	2N4867A	LS842	2N5452	LS840	2N6089	LS122	AD816	LS303	BFW12	LS845
2N4016	LS312	2N4868	LS842	2N5453	LS840	2N6090	LS121	AD820	LS350	BFW13	LS842
2N4017	LS132	2N4868A	LS842	2N5454	LS840	2N6091	LS121	AD821	LS351	BFW39	LS122
2N4018	LS132	2N4869	LS842	2N5457	LS842	2N6092	LS121	AD822	LS352	BFW39A	LS120
2N4019	LS132	2N4869A	LS842	2N5458	LS842	2N6441	LS122	AD830	LS830	BFW55	LS842
2N4020	LS132	2N4878	LS312	2N5459	LS842	2N6442	LS122	AD831	LS831	BFW56	LS842
2N4021	LS132	2N4879	LS312	2N5460	LS842	2N6443	LS122	AD832	LS832	BFW61	LS5912
2N4022	LS132	2N4880	LS312	2N5461	LS842	2N6444	LS122	AD833	LS833	BFX11	LS132
2N4023	LS312	2N4937	LS351	2N5462	LS842	2N6445	LS121	AD835	LS842	BFX15	LS131
2N4024	LS312	2N4937	LS351	2N5463	LS842	2N6446	LS121	AD836	LS842	BFX36	LS122
2N4025	LS312	2N4938	LS351	2N5464	LS842	2N6447	LS121	AD837	LS842	BFX70	LS122
2N4044	LS312	2N4939	LS351	2N5465	LS842	2N6448	LS121	AD838	LS845	BFX71	LS122
2N4045	LS312	2N4940	LS132	2N5484	LS5912	2N6451	LS4393	AD839	LS845	BFX72	LS122
2N4082	LS3954	2N4941	LS131	2N5485	LS5912	2N6452	LS4393	AD840	LS840	BFX99	LS120
2N4083	LS3955	2N4942	LS132	2N5486	LS5912	2N6453	LS4393	AD841	LS841	BFY20	LS122
2N4084	LS845	2N4955	LS122	2N5515	LS840	2N6454	LS4393	AD842	LS842	BFY81	LS122
2N4085	LS845	2N4956	LS122	2N5516	LS841	2N6483	LSU401	AD845	LS5911	BFY82	LS122
2N4091	LS4391	2N4977	LSJ108	2N5517	LS841	2N6484	LSU402	AD846	LS5912	BFY83	LS122
2N4091A	LS4391	2N4978	LSJ108	2N5518	LS842	2N6485	LSU404	AD847	LS5912	BFY84	LS122
2N4092	LS4392	2N4979	LSJ110	2N5519	LS842	2N6502	LS122	BC264	LS845	BFY85	LS122
2N4092A	LS4392	2N5018	LS4391	2N5520	LS840	2N6503	LS122	BC264A	LS842	BFY86	LS122
2N4093	LS4392	2N5019	LS4391	2N5521	LS841	2N6905	LS844	BC264B	LS845	BFY91	LS122
2N4093A	LS4392	2N5045	LS840	2N5522	LS841	2N6906	LS844	BC264C	LS845	BFY92	LS122
2N4100	LS312	2N5046	LS840	2N5523	LS842	2N6907	LS845	BC264D	LS5912	BN209	LS122
2N4116	LS5911	2N5047	LS840	2N5524	LS842	2SC294	LS122	BCY87	LS121	BSV22	LS5912
2N4116A	LS5912	2N5090	LS122	2N5524	LS842	2SK170	LS843	BCY88	LS122	BSV78	LS4391
2N4117	LS5905	2N5103	LS5912	2N5545	LS840	3N145	LS3N163	BCY89	LS122	BSV79	LS4392
2N4117A	LS5905	2N5104	LS5912	2N5546	LS841	3N146	LS3N163	BF244A	LS5912	BSV80	LS4393
2N4118	LS5905	2N5105	LS5912	2N5547	LS841	3N155	LS3N163	BF244B	LS5912	C2306	LS840
2N4118A	LS5905	2N5114	LS4391	2N5549	LS4392	3N155A	LS3N163	BF244C	LS5912	C413N	LSJ110
2N4119	LS5905	2N5115	LS4392	2N5561	LSU401	3N156	LS3N163	BF245A	LS5912	C6690	LS842
2N4119A	LS5905	2N5116	LS4393	2N5562	LS844	3N156A	LS3N163	BF245B	LS5912	C6691	LS842
2N4120	LS3N163	2N5117	LS352	2N5562	LSU402	3N157	LS3N163	BF245C	LS5912	C6692	LS842
2N4139	LS842	2N5118	LS352	2N5563	LSU404	3N157A	LS3N163	BF256LA	LS5912	C673	LS842
2N4220	LS845	2N5119	LS351	2N5564	LS5911	3N158	LS3N163	BF256LB	LS5912	C674	LS842
2N4220A	LS845	2N5120	LS131	2N5565	LS5911	3N158A	LS3N163	BF256LC	LS5912	C680	LS842
2N4221	LS845	2N5121	LS132	2N5566	LS5912	3N163	LS3N163	BF410A	LS842	C681	LS842
2N4221A	LS845	2N5122	LS132	2N5592	LS842	3N164	LS3N164	BF410B	LS842	C681A	LS842
2N4222	LS845	2N5123	LS131	2N5593	LS842	3N165	LS3N165	BF410C	LS842	C682	LS842
2N4222A	LS845	2N5124	LS132	2N5594	LS842	3N166	LS3N166	BF410D	LS842	C683	LS842
2N4223	LS5912	2N5125	LS132	2N5638	LS4391	3N170	LS3N170	BFQ10	LS844	C683A	LS842
2N4224	LS5912	2N5158	LSJ108	2N5639	LS4392	3N171	LS3N171	BFQ11	LSU401	C684	LS845
2N4267	LS3N163	2N5159	LSJ110	2N5640	LS4393	3N174	LS3N163	BFQ12	LS844	C684A	LS845
2N4302	LS4392	2N5196	LS840	2N5647	LS5905	703U	LS845	BFQ13	LS844	C685	LS845
2N4303	LS4392	2N5197	LS841	2N5648	LS590	704U	LS845	BFQ14	LS845	C685A	LS845
2N4304	LS4393	2N5198	LS841	2N5649	LS5905	705U	LS5912	BFQ15	LS845	CM600	LS4392
2N4338	LS842	2N5199	LS842	2N5793	LS122	707U	LS4391	BFQ16	LS845	CM601	LS4391
2N4339	LS842	2N5245	LS5912	2N5794	LS122	714U	LS842	BFQ23	LS5912	CM602	LS4391
2N4340	LS842	2N5246	LS5912	2N5795	LS132	734EU	LS5912	BFQ26	LS844	CM603	LS4391
2N4341	LS842	2N5247	LS5912	2N5796	LS132	734U	LS5912	BFQ44	LS5912	CM640	LS4393
2N4352	LS3N163	2N5248	LS5912	2N5801	LS4393	751U	LS842	BFQ45	LS5912	CM641	LS4393
2N4382	LS4392	2N5254	LS132	2N5802	LS4393	752U	LS842	BFQ49	LS3958	CM642	LS4393
2N4391	LS4391	2N5255	LS132	2N5803	LS4392	753U	LS842	BFR30	LS842	CM643	LS4392
2N4392	LS4392	2N5256	LS130	2N5843	LS130	754U	LS842	BFR31	LS842	CM644	LS4392
2N4393	LS4393	2N5257	LS842	2N5844	LS130	755U	LS842	BFR45	LS5912	CM645	LS4392
2N4416	LS5912	2N5258	LS842	2N5902	LS830	756U	LS842	BFS21	LS842	CM646	LS4392
2N4416A	LS5912	A05259	LS842	2N5903	LS830	A050	LS844	BFS21A	LS842	CM647	LS4391
2N4445	LSJ108	2N5358	LS842	2N5904	LS830	A192	LS5912	BFS67	LS842	CM650	LSJ108
2N4446	LSJ108	2N5359	LS842	2N5905	LS5905	A5T3821	LS5912	BFS68	LS842	CM651	LSJ108
2N4447	LSJ108	2N5360	LS842	2N5906	LS5906	A5T3822	LS5912	BFS68P	LS5912	CM652	LSJ108
2N4448	LSJ108	2N5361	LS842	2N5907	LS5907	A5T3823	LS5912	BFS70	LS842	CM653	LSJ108
2N4856	LS4391	2N5362	LS842	2N5908	LS5908	AD3954	LS3954	BFS71	LS842	CM697	LSJ110
2N4856A	LS4391	2N5363	LS845	2N5909	LS5909	AD3954A	LS3954A	BFS72	LS842	CM800	LSJ110
2N4857	LS4392	2N5364	LS5912	2N5911	LS5911	AD3954A	LS3954A	BFS73	LS842	CP643	LSJ110

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Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #	Industry #	LIS #
CP650	LSJ108	E111	LS4391	FE302	LS842	IMF3954	LS3954	ITE2642	LS120	ITE506	LS842
CP651	LSJ108	E112	LS4392	FE304	LS842	IMF3954A	LS3954A	ITE2643	LS122	ITE507	LS842
CP652	LSJ108	E113	LS4393	FE3819	LS845	IMF3955	LS3955	ITE2644	LS122	J108	LSJ108
CP653	LSJ108	E174	LS4391	FE5457	LS842	IMF3955A	LS3954	ITE2720	LS120	J109	LSJ109
CR022	LS5905	E175	LS4392	FE5458	LS842	IMF3956	LS3956	ITE2721	LS122	J110	LSJ110
CR024	LS5905	E176	LS4393	FE5459	LS842	IMF3957	LS3955	ITE2722	LS120	J110A	LSJ110A
CR027	LS5905	E177	LS4393	FE5484	LS5912	IMF3958	LS3958	ITE2903	LS122	J111	LS4391
CR030	LS5905	E201	LS842	FE5485QN	LS5912	IMF6485	LSU405	ITE2913	LS122	J111A	LS4391
CR033	LS5905	E202	LS842	FE5486	LS5912	IT100	LS4393P	ITE2914	LS122	J112	LS4392
CR039	LS5905	E203	LS842	FM1100	LS3954	IT101	LS4391P	ITE2915	LS120	J112A	LS4392
CR043	LS5905	E204	LS842	FM1100A	LS5906	IT108	LS5912	ITE2916	LS120	J113	LS4393
CR047	LS5905	E210	LS5912	FM1101A	LS5906	IT109	LS4391	ITE2917	LS122	J113A	LS4393
CR056	LS5905	E211	LS5912	FM1102	LS3954	IT120	LS120	ITE2918	LS122	J1401	LS830
CR062	LS5905	E212	LS5912	FM1102A	LS5906	IT120A	LS120A	ITE2919	LS120	J1401	LS844
CR068	LS842	E230	LS842	FM1103	LS3955	IT121	LS121	ITE2920	LS120	J1402	LS844
CR075	LS842	E231	LS842	FM1103A	LS5908	IT122	LS122	ITE2936	LS120	J1402	LS832
CR075	LS842	E232	LS842	FM1104	LS3957	IT124	LS124	ITE2937	LS120	J1403	LS832
CR082	LS842	E270	LS4393	FM1104A	LS5909	IT126	LS312	ITE2972	LS122	J1403	LS844
CR082	LS842	E271	LS4392	FM1105	LS3954	IT127	LS312	ITE2973	LS122	J1404	LS845
CR091	LS842	E300	LS5912	FM1105A	LS832	IT128	LS312	ITE2974	LS120	J1404	LS832
CR100	LS842	E304	LS5912	FM1106	LS3954	IT129	LS311	ITE2975	LS120	J1404	LSU404
CR110	LS842	E305	LS5912	FM1106A	LS832	IT130	LS130	ITE2976	LS120	J1405	LSU405
CR120	LS842	E308	LS4391	FM1107	LS3954	IT130A	LS130A	ITE2977	LS120	J1405	LS832
CR130	LS842	E309	LS4391	FM1107A	LS832	IT131	LS131	ITE2978	LS120	J1406	LS845
CR140	LS842	E310	LS4391	FM1108	LS3955	IT132	LS132	ITE2979	LS120	J1406	LSU406
CR160	LS842	E400	LS841	FM1108A	LS832	IT136	LS352	ITE3066	LS842	J1406	LS845
CR160	LS842	E401	LS841	FM1109	LS3957	IT137	LS352	ITE3067	LS842	J1406	LS832
CR180	LS842	E402	LS841	FM1109A	LS832	IT138	LS351	ITE3068	LS842	J174	LS4391P
CR200	LS842	E410	LS841	FM1110	LS3955	IT139	LS351	ITE3347	LS312	J175	LS4392P
CR220	LS842	E411	LS841	FM1110A	LS5908	IT140	LS313	ITE3348	LS312	J176	LS4393P
CR240	LS842	E412	LS842	FM1111	LS3957	IT1700	LS3N163	ITE3349	LS132	J177	LS4393P
CR270	LS842	E413	LS841	FM1111A	LS5909	IT1702	LS3N163	ITE3350	LS312	J201	LS842
CR300	LS842	E414	LS841	FM1112	LS840	IT500	LS844	ITE3351	LS312	J202	LS842
CR330	LS842	E415	LS842	FM1200	LS3954	IT501	LS844	ITE3680	LS120	J203	LS842
CR360	LS842	E420	LS5911	FM1201	LS3954	IT502	LS844	ITE3800	LS132	J204	LS842
CR390	LS842	E421	LS5912	FM1202	LS3954	IT503	LS845	ITE3802	LS132	J210	LSJ210
CR430	LS842	E430	LS4391	FM1203	LS3955	IT504	LS845	ITE3804	LS130	J211	LSJ211
CR470	LS842	E431	LS4391	FM1204	LS3955	IT505	LS845	ITE3806	LS132	J212	LSJ212
CR530	LS842	E500	LS845	FM1205	LS3954	IT550	LS5912	ITE3807	LS132	J230	LS842
CRO91	LS842	E501	LS845	FM1206	LS3954	IT5911	LS5911	ITE3808	LS132	J231	LS842
CRR0240	LS845	E502	LS845	FM1207	LS3954	IT5912	LS5912	ITE3809	LS132	J232	LS842
CRR0360	LS845	E503	LS845	FM1208	LS3955	ITC2975	LS120	ITE3810	LS130	J270	LS4393P
CRR0560	LS842	E504	LS845	FM1209	LS3955	ITC2976	LS120	ITE3811	LS130	J271	LS4392
CRR0800	LS842	E505	LS845	FM1210	LS3955	ITC2977	LS120	ITE3907	LS120	J300A	LS5912
CRR1250	LS842	E506	LS842	FM1211	LS5911	ITC2978	LS120	ITE3908	LS120	J300B	LS5912
CRR1950	LS842	E507	LS842	FM3954	LS3954	ITC2979	LS120	ITE4017	LS132	J300C	LS5912
CRR2900	LS842	E508	LS842	FM3954A	LS3954	ITC3347	LS312	ITE4018	LS132	J300D	LS5912
CRR4300	LS842	E509	LS842	FM3955	LS3955	ITC3348	LS312	ITE4019	LS132	J304	LS5912
D2T2218	LS122	E510	LS842	FM3955A	LS3954	ITC3349	LS132	ITE4020	LS132	J305	LS5912
D2T2219	LS122	E511	LS842	FM3956	LS3956	ITC3350	LS312	ITE4021	LS132	J308	LS4391
D2T2904	LS132	EPAD100	LSJPAD100	FM3957	LS3955	ITC3351	LS312	ITE4022	LS132	J309	LS4391
D2T2905	LS132	EPAD200	LSJPAD200	FM3958	LS3958	ITC3352	LS132	ITE4023	LS312	J310	LS4391
D2T918	LS122	EPAD50	LSJPAD50	FN4117	LS5905	ITC3800	LS132	ITE4024	LS312	J401	LSU401
DA102	LS840	EPAD500	LSJPAD500	FN4117A	LS5905	ITC3802	LS132	ITE4025	LS312	J402	LSU402
DA402	LS840	ESM25	LS841	FN4118	LS5905	ITC3804	LS130	ITE4117	LS5905	J403	LSU403
DN5564	LS4391	ESM25A	LS841	FN4118A	LS5905	ITC3806	LS132	ITE4118	LS5905	J404	LS845
DN5565	LS4391	ESM4091	LS4391	FN4119	LS5905	ITC3807	LS132	ITE4119	LS5905	J405	LS845
DN5566	LS4391	ESM4092	LS4392	FN4119A	LS5905	ITC3808	LS132	ITE4338	LS842	J406	LS845
DN5567	LS4391	ESM4093	LS4393	FN4119A	LS5905	ITC3809	LS132	ITE4339	LS842	J410	LS841
DPAD1	LSDPAD1	ESM4302	LS842	FN4392	LS4392	ITC3810	LS130	ITE4340	LS842	J411	LS842
DPAD10	LSDPAD10	ESM4303	LS845	FN4393	LS4393	ITC3811	LS130	ITE4341	LS842	J412	LS842
DPAD100	LSDPAD100	ESM4304	LS845	FTO654A	LS5912	ITC4017	LS132	ITE4391	LS4391	J420	LS5911
DPAD2	LSDPAD2	FE0654A	LS5912	FTO654B	LS5912	ITC4018	LS132	ITE4392	LS4392	J421	LS5912
DPAD20	LSDPAD20	FE0654B	LS5912	FTO654C	LS845	ITC4019	LS132	ITE4393	LS4393	J500	LS845
DPAD5	LSDPAD5	FE100	LS842	FTO654D	LS845	ITC4020	LS132	ITE4416	LS5912	J501	LS845
DPAD50	LSDPAD50	FE100A	LS842	FTO704	LS3N163	ITC4021	LS132	ITE4867	LS842	J502	LS845
DU4339	LS842	FE102	LS5905	GET5457	LS842	ITC4022	LS132	ITE4868	LS842	J503	LS845
DU4340	LS842	FE102A	LS5905	GET5458	LS842	ITC4023	LS312	ITE4869	LS842	J504	LS845
E100	LS842	FE104	LS5905	GET5459	LS842	ITC4024	LS312	ITE500	LS845	J505	LS845
E101	LS842	FE104A	LS5905	HA7807	LS132	ITC4025	LS312	ITE501	LS845	J506	LS842
E102	LS842	FE200	LS842	HA7809	LS132	ITC4053	LS120	ITE502	LS845	J507	LS842
E108	LSJ108	FE202	LS842	HDIG1030	LS3N163	ITE2639	LS120	ITE503	LS845	J508	LS842
E109	LSJ109	FE204	LS842	ID100	LSID100	ITE2640	LS122	ITE504	LS845	J509	LS842
E110	LSJ110	FE300	LS842	ID101	LSID101	ITE2641	LS122	ITE505	LS845	J510	LS842

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J511	LS842	LSJ211	LSJ211	LS845	LS845	MFE2093	LS842	MPF971	LS4393	PN4303	LS845
J552	LS842	LSJ212	LSJ212	LS846	LS846	MFE2094	LS842	ND5700	LS120	PN4304	LS845
J553	LS842	LSJ108	LSJ108	M163	LS3N163	MFE823	LS3N163	ND5701	LS120	PN4391	LS4391
J554	LS842	LSJ109	LSJ109	M164	LS3N164	MK10	LS5912	ND5702	LS120	PN4392	LS4392
J555	LS842	LSJ110	LSJ110	M440	LS5911	MMBF310	LS4391	NDF9401	LS832	PN4393	LS4393
J556	LS842	LSJ110	LSJ110	M441	LS5911	MMBF4391	LS4391	NDF9402	LS832	PN4416	LS5912
J557	LS842	LS3N163	LS3N163	M5911	LS5911	MMBF4392	LS4392	NDF9403	LS832	PN5163	LS5912
J9100	LS842	LS3N164	LS3N164	M5912	LS5912	MMBF4393	LS4393	NDF9404	LS832	S04416	LS5912
JPAD10	LSJPAD10	LS3N165	LS3N165	MAT01	LS312	MMBF4416	LS5912	NDF9405	LS832	SA2253	LS122
JPAD100	LSJPAD100	LS3N166	LS3N166	MAT02	LS318	MMBF4860	LS4391	NDF9406	LS832	SA2254	LS122
JPAD200	LSJPAD200	LS3N170	LS3N170	MAT03	LS358	MMBF5310	LS4391	NDF9407	LS832	SA2255	LS122
JPAD5	LSJPAD5	LS3N171	LS3N171	MD1120	LS122	MMBF5457	LS842	NDF9408	LS832	SA2644	LS120
JPAD50	LSJPAD50	LSU401	LSU401	MD1121	LS122	MMBF5484	LS842	NDF9409	LS832	SA2648	LS120
JPAD500	LSJPAD500	LSU402	LSU402	MD1122	LS122	MMF1	LS844	NDF9410	LS832	SA2710	LS120
K210-18	LS5912	LSU403	LSU403	MD1123	LS132	MMF2	LS844	NF4445	LSJ108	SA2711	LS120
K211-18	LS5912	LSU404	LSU404	MD1129	LS122	MMF3	LS844	NF4446	LSJ108	SA2712	LS121
K212-18	LS5912	LSU405	LSU405	MD1130	LS132	MMF4	LS844	NF4447	LSJ108	SA2713	LS121
K300-18	LS5912	LSU406	LSU406	MD2218	LS122	MMF5	LS844	NF4448	LSJ108	SA2714	LS122
K304-18	LS5912	LS421	LS421	MD2219	LS122	MMF6	LS844	NF500	LS5912	SA2715	LS120
K305-18	LS5912	LS422	LS422	MD2369	LS122	MMT3823	LS842	NF501	LS5912	SA2716	LS120
K308-18	LS4391	LS423	LS423	MD2904	LS132	MP301	LS301	NF506	LS5912	SA2717	LS121
K309-18	LS4391	LS424	LS424	MD2905	LS132	MP302	LS302	NF510	LS4393	SA2718	LS122
K310-18	LS4391	LS425	LS425	MD2974	LS120	MP303	LS303	NF511	LS4393	SA2719	LS120
KA3524	LS124	LS426	LS426	MD2975	LS120	MP310	LS310	NF520	LS842	SA2720	LS121
KE3684	LS842	LS301	LS301	MD2978	LS120	MP311	LS311	NF521	LS842	SA2721	LS122
KE3685	LS842	LS302	LS302	MD2979	LS120	MP312	LS312	NF522	LS842	SA2722	LS120
KE3686	LS842	LS303	LS303	MD3008	LS120	MP313	LS313	NF523	LS842	SA2723	LS121
KE3687	LS842	LS310	LS310	MD3250	LS132	MP318	LS318	NF530	LS842	SA2724	LS122
KE3823	LS5912	LS311	LS311	MD3251	LS132	MP350	LS350	NF531	LS842	SA2726	LS122
KE3970	LS4391	LS312	LS312	MD3409	LS122	MP351	LS351	NF532	LS842	SA2727	LS122
KE3971	LS4391	LS313	LS313	MD3410	LS122	MP352	LS352	NF533	LS842	SA2738	LS120
KE3972	LS4391	LS318	LS318	MD3467	LS132	MP358	LS358	NF5457	LS842	SA2739	LS120
KE4091	LS4391	LS3250	LS3250	MD3725	LS122	MP360	LS350	NF5458	LS842	SDF500	LS840
KE4092	LS4391	LS3250A	LS3250	MD3762	LS132	MP361	LS351	NF5459	LS842	SDF501	LS840
KE4093	LS4391	LS3250B	LS3250	MD4957	LS132	MP362	LS352	NF5484	LS5912	SDF502	LS840
KE4220	LS842	LS3250C	LS3250	MD5000	LS132	MP3954	LS3954	NF5485	LS5912	SDF503	LS840
KE4221	LS842	LS350	LS350	MD7000	LS122	MP3954A	LS3954A	NF5486	LS5912	SDF504	LS840
KE4222	LS842	LS351	LS351	MD7001	LS132	MP3955	LS3955	NF5638	LS4391	SDF505	LS840
KE4223	LS5912	LS352	LS352	MD7002	LS122	MP3956	LS3956	NF5639	LS4392	SDF506	LS840
KE4224	LS5912	LS3550	LS3550	MD7003	LS132	MP3958	LS3958	NF5640	LS4393	SDF507	LS840
KE4391	LS4391	LS3550A	LS3550A	MD7004	LS122	MP5905	LS5905	NF580	LSJ108	SDF509	LS840
KE4392	LS4392	LS3550B	LS3550B	MD7007	LS122	MP5906	LS5906	NF581	LSJ108	SDF510	LS3954
KE4393	LS4393	LS3550C	LS3550C	MD708	LS122	MP5907	LS5907	NF582	LSJ108	SDF512	LS3954
KE4416	LS5912	LS358	LS358	MD8001	LS120	MP5908	LS5908	NF583	LSJ110	SDF513	LS3954
KE4856	LS4391	LS3954A	LS3954A	MD8002	LS120	MP5909	LS5909	NF584	LSJ108	SDF514	LS3954
KE4857	LS4392	LS3954	LS3954	MD8003	LS122	MP5911	LS5911	NF585	LS4393	SDF661	LS122
KE4858	LS4393	LS3955	LS3955	MD918	LS122	MP5912	LS5912	NPD5564	LS844	SDF662	LS122
KE4859	LS4391	LS3956	LS3956	MD982	LS132	MP5912C	LS5912	NPD5565	LS844	SDF663	LS122
KE4860	LS4392	LS3958	LS3958	MD984	LS132	MP830	LS830	NPD5566	LS844	SL301	LS122
KE4861	LS4393	LS4117	LS4117	MEF3954	LS3954	MP831	LS831	NPD8301	LS3954	SL360	LS122
KE5103	LS5912	LS4118	LS4118	MEF3955	LS3955	MP832	LS832	NPD8302	LS3955	SL362	LS122
KE5104	LS5912	LS4119	LS4119	MEF3956	LS3956	MP833	LS833	NPD8303	LS3956	SSM2220	LS358
KH5196	LS840	LS4391	LS4391	MEF3957	LS841	MP840	LS840	P1086	LS4393	SD210	SD210
KH5197	LS841	LS4392	LS4392	MEF3958	LS3958	MP841	LS841	P1087	LS4393	SD210DE	SD210DE
KH5198	LS5911	LS4393	LS4393	MEF5561	LS844	MP842	LS842	PAD1	LSFPAD1	SD211DE	SD211DE
KH5199	LS845	LS5905	LS5905	MEF5562	LS844	MP843	LS843	PAD10	LSPAD10	SD211	SD211
KK4416	LS5912	LS5906	LS5906	MEF5563	LS844	MP844	LS844	PAD100	LSPAD100	SD213	SD213
LDF603	LS845	LS5907	LS5907	MEM520	LS3N164	MP845	LS845	PAD2	LSPAD2	SD213DE	SD211DE
LDF604	LS845	LS5908	LS5908	MEM520C	LS3N164	MPF102	LS5912	PAD20	LSPAD20	SD214DE	SD214DE
LDF605	LS845	LS5909	LS5909	MEM561	LS3N163	MPF103	LS842	PAD5	LSPAD5	SD214	SD214
LM114	LS120	LS5911	LS5911	MEM561C	LS3N163	MPF104	LS842	PAD50	LSPAD50	SD215DE	SD215DE
LM114A	LS312	LS5912	LS5912	MEM806	LS3N163	MPF105	LS842	PF510	LS4391	SD215	SD215
LM115	LS120	LS5912C	LS5912C	MEM806A	LS3N163	MPF106	LS5912	PN4091	LS4391	SD217	LS823
LM194	LS120	LS823	LS823	MFE2000	LS5912	MPF107	LS5912	PN4092	LS4392	SD219	LS824
LM394	LS120	LS824	LS824	MFE2001	LS5912	MPF108	LS5912	PN4093	LS4393	SD5000	SD5000
LSIT120	LS120	LS830	LS830	MFE2004	LS4392	MPF109	LS5912	PN4117	LS5905	SD5000N	SD5000N
LSIT120A	LS120A	LS831	LS831	MFE2005	LS4392	MPF111	LS5912	PN4117A	LS5905	SD5001	SD5001
LSIT121	LS121	LS832	LS832	FE2006	LS4391	MPF112	LS5912	PN4118	LS5905	SD5001N	SD5001N
LSIT122	LS122	LS833	LS833	MFE2007	LS4391	MPF256	LS4391	PN4118A	LS5905	SD5000I	SD5000I
LSIT130	LS130	LS840	LS840	MFE2008	LS4393	MPF4391	LS4391	PN4119	LS5905	SD5400	SD5400
LSIT130A	LS130A	LS841	LS841	MFE2009	LS4393	MPF4392	LS4392	PN4119A	LS5905	SD5400CY	SD5400CY
LSIT131	LS131	LS842	LS842	MFE2010	LSJ110	MPF4393	LS4393	PN4120	LS5905	SD5401	SD5401
LSIT132	LS132	LS843	LS843	MFE2011	LSJ108	MPF820	LS4391	PN4120A	LS5905	SD5401CY	SD5401CY
LSJ210	LSJ210	LS844	LS844	MFE2012	LSJ108	MPF970	LS4391	PN4302	LS842	SSTPAD5	LSPAD5

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SSTPAD10	LSPAD10	SST823	SST823	TD242	LS120	TN4340	LS842	U281	LS842	UC451	LS4393
SSTPAD20	LSPAD20	SST824	SST824	TD243	LS120	TN4341	LS842	U282	LS842	UC703	LS845
SSTPAD50	LSPAD50	SU2020	LS3954	TD244	LS122	TN5114	LS4391	U283	LS842	UC704	LS845
SSTPAD100	LSPAD100	SU2021	LS3954	TD245	LS122	TP5115	LS4392	U284	LS842	UC705	LS5912
SSTDPAD5	LSPAD5	SU2022	LS3954	TD246	LS122	TP5116	LS4393	U285	LS842	UC707	LS4391
SSTDPAD10	LSPAD10	SU2023	LS3954	TD247	LS122	U1177	LS845	U300	LS4391	UC714	LS842
SSTDPAD20	LSPAD20	SU2024	LS3954	TD248	LS122	U1178	LS842	U3000	LS842	UC714E	LS842
SSTDPAD50	LSPAD50	SU2025	LS3954	TD250	LS120	U1179	LS842	U3001	LS842	UC734	LS5912
SSTDPAD100	LSPAD100	SU2026	LS3954	TD2905	LS122	U1180	LS845	U3002	LS842	UC734E	LS5912
SST108	LSJ108	SU2027	LS3954	TD400	LS132	U1181	LS845	U301	LS4392	UC751	LS842
SST109	LSJ108	SU2028	LS3954	TD401	LS132	U1182	LS842	U3011	LS842	UC752	LS842
SST110	LSJ110	SU2029	LS3954	TD402	LS132	U1277	LS842	U3012	LS842	UC753	LS842
SST111	LS111	SU2030	LS3954	TD500	LS132	U1278	LS842	U304	LS4391	UC754	LS842
SST112	LS112	SU2031	LS3954	TD501	LS132	U1279	LS842	U305	LS4392	UC755	LS842
SST113	LS113	SU2032	LS3954	TD502	LS132	U1280	LS842	U306	LS4393	UC756	LS842
SST174	LS174	SU2033	LS3954	TD509	LS132	U1281	LS842	U308	LS4391	UC807	LS4391
SST175	LS175	SU2034	LS3955	TD510	LS132	U1282	LS842	U309	LS4391	UX2910	LS312
SST176	LS176	SU2035	LS3954	TD511	LS132	U1283	LS842	U310	LS4391	VCR11N	LSVCR11N
SST177	LS177	SU2074	LS3954	TD512	LS132	U1284	LS842	U311	LS4392	VCR12N	LS3958
SST201	LS201	SU2075	LS3954	TD513	LS132	U1285	LS845	U320	LSJ108	VCR13N	LS3958
SST202	LS202	SU2076	LS3954	TD514	LS132	U1287	LS4392	U321	LSJ110	VCR2N	LS4392
SST203	LS203	SU2077	LS3954	TD517	LS132	U1288	LS842	U322	LSJ108	VCR3P	LS4391
SST204	LS204	SU2078	LS425	TD518	LS132	U1322	LS845	U350	LS4391	VCR4N	LS842
SST210	SST210	SU2079	LS425	TD519	LS132	U1323	LS845	U401	LSU401	VCR6P	LS4391
SST211	SST211	SU2080	LS845	TD520	LS132	U1324	LS845	U402	LSU402	VCR7N	LS832
SST213	SST213	SU2081	LS845	TD521	LS132	U1325	LS845	U403	LSU403	VFW40	LS122
SST214	SST214	SU2098	LS841	TD522	LS132	U1420	LS842	U404	LSU404	WK5457	LS842
SST215	SST215	SU2098A	LS840	TD523	LS132	U1421	LS842	U405	LSU405	WK5458	LS842
SST270	SST270	SU2098B	LS841	TD524	LS132	U1422	LS842	U406	LSU406	WK5459	LS842
SST271	SST271	SU2099	LS841	TD525	LS132	U1714	LS842	U410	LS841	ZDT40	LS122
SST308	LSJ308	SU2099A	LS841	TD526	LS132	U182	LS4392	U411	LS841	ZDT41	LS312
SST309	LSJ309	SU2365	LSU401	TD527	LS131	U183	LS842	U412	LS842	ZDT42	LS312
SST310	LSJ310	SU2365A	LSU401	TD528	LS131	U1897	LS4391	U421	LS421	ZDT44	LS312
SST404	LSU404	SU2366	LSU402	TD5902	LS5906	U1898	LS4392	U422	LS422	ZDT45	LS312
SST405	LSU405	SU2366A	LSU402	TD5903	LS841	U1899	LS4393	U423	LS423		
SST406	LSU406	SU2367	LSU403	TD5904	LS5908	U197	LS842	U424	LS424		
SST410	LS410	SU2367A	LSU403	TD5905	LS5905	U198	LS842	U425	LS425		
SST411	LS411	SU2368	LSU404	TD5906	LS5906	U199	LS842	U426	LS426		
SST412	LS412	SU2368A	LSU404	TD5907	LS841	U200	LS4393	U427	LS832		
SST4117	LS4117	SU2369	LSU405	TD5908	LS5908	U201	LS4392	U428	LS833		
SST4118	LS4118	SU2369A	LSU405	TD5909	LS5909	U202	LS4391	U430	LS4391		
SST4119	LS4119	SU2410	LS424	TD5911	LS5911	U2074E	LS5912	U431	LS4391		
SST4091	LS4091	SU2411	LS425	TD5911A	LS5911	U221	LS4391	U440	LS5911		
SST4092	LS4092	SU2412	LS426	TD5912	LS5912	U222	LS4391	U441	LS5912		
SST4093	LS4093	SU2652	LS844	TD5912A	LS5912	U231	LS842	U443	LS5911		
SST4391	LS4391	SU2653	LS844	TD700	LS122	U231	LS842	U444	LS5912		
SST4392	LS4392	SU2654	LS844	TD701	LS122	U232	LS842	U508	LS5905		
SST4393	LS4393	SU2655	LS844	TD709	LS122	U233	LS842	UC100	LS842		
SST440	LS5911	SU2656	LS845	TD710	LS122	U234	LS842	UC110	LS842		
SST441	LS5911	TD100	LS122	TD711	LS122	U235	LS842	UC115	LS842		
SST4416	LS4416	TD101	LS122	TD713	LS122	U240	LSJ108	UC130	LS842		
SST4856	LS4856	TD102	LS122	TIS14	LS842	U241	LSJ108	UC155	LS5912		
SST4857	LS4857	TD200	LS122	TIS25	LS842	U242	LSJ108	UC1700	LS3N163		
SST4858	LS4858	TD201	LS122	TIS26	LS842	U243	LSJ108	UC1764	LS3N163		
SST4859	LS4859	TD202	LS122	TIS27	LS842	U248	LS5906	UC20	LS842		
SST4860	LS4860	TD2219	LS122	TIS41	LS4393	U248A	LS5906	UC200	LS842		
SST4861	LS4861	TD224	LS122	TIS58	LS5912	U249	LS5907	UC201	LS842		
SST5114	LS5114	TD225	LS122	TIS68	LS3955	U249A	LS5907	UC210	LS5912		
SST5115	LS5115	TD226	LS122	TIS69	LS3955	U250	LS5908	UC2130	LS840		
SST5116	LS5116	TD227	LS122	TIS70	LS3956	U250A	LS5908	UC2132	LS3955		
SST5460	LS5460	TD228	LS122	TIS73	LS4391	U251	LS5905	UC2134	LS3956		
SST5461	LS5461	TD229	LS122	TIS74	LS4392	U251A	LS5909	UC2136	LS3955		
SST5462	LS5462	TD230	LS122	TIS75	LS4393	U252	LS5911	UC2138	LS3958		
SST5463	LS5463	TD231	LS122	TIS88	LS5912	U253	LS5912	UC2139	LS3958		
SST5464	LS5464	TD232	LS122	TIXS41	LS842	U254	LS4393	UC2147	LS3958		
SST5465	LS5465	TD233	LS122	TIXS42	LS5905	U256	LS4391	UC2148	LS3958		
SST5484	LS5484	TD234	LS122	TN4117	LS5905	U257	LS4391	UC2149	LS3958		
SST5485	LS5485	TD235	LS122	TN4117A	LS5905	U273	LS5906	UC220	LS842		
SST5486	LS5486	TD236	LS122	TN4118	LS5905	U273A	LS5906	UC240	LS842		
SST5638	LS5638	TD237	LS122	TN4118A	LS5905	U274	LS5906	UC241	LS842		
SST5639	LS5639	TD238	LS122	TN4119	LS5905	U274A	LS5906	UC250	LS4391		
SST5640	LS5640	TD239	LS122	TN4119A	LS5905	U275	LS5906	UC251	LS4392		
SST5911	LS5911	TD240	LS121	TN4338	LS842	U275A	LS5906	UC401	LS4393		
SST5912	LS5912	TD241	LS121	TN4339	LS842	U280	LS842	UC450	LS4391		