

BIPOLAR TRANSISTOR

INTRODUCTION TO BIPOLAR CROSS REFERENCE

In order to improve our overall service, SGS-THOMSON has introduced a system of preferred transistor sales types. The following cross-reference is intended as a guide to identify sales types that may be suitable replacements in the application. The "**Preferred**" column shows a similar device where we can offer better service.

INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2N3016	2N5337	2N5339	2N3714	2N3716	2N3716
2N3021	2N3792	2N3792	2N3715	2N3715	2N3716
2N3022	2N3792	2N3792	2N3716	2N3716	2N3716
2N3023	2N3792	2N3792	2N3719	BSS44	BSS44
2N3024	2N3792	2N3792	2N3720	BSS44	BSS44
2N3025	2N3792	2N3792	2N3771	2N3771	2N3771
2N3026	2N3792	2N3792	2N3772	2N3772	2N3772
2N3055	2N3055	2N3055	2N3789	2N3789	2N3790
2N3076	BUV23	BUV23	2N3790	2N3790	2N3790
2N3171	2N3792	2N3792	2N3791	2N3791	2N3792
2N3172	2N3792	2N3792	2N3792	2N3792	2N3792
2N3173	2N3792	2N3792	2N3863	2N3716	2N3716
2N3174	TIP2955	TIP2955	2N3864	BDW51B	BDW51C
2N3183	2N3792	2N3792	2N3865	2N5672	2N5671
2N3184	2N3792	2N3792	2N3868	2N3868	BSS44
2N3185	2N3792	2N3792	2N3902	BUX48A	BUX48A
2N3186	TIP2955	TIP2955	2N3936	2N5339	2N5339
2N3195	2N3792	2N3792	2N3996	2N5339	2N5339
2N3196	2N3792	2N3792	2N3997	2N5339	2N5339
2N3198	TIP2955	TIP2955	2N3999	2N5339	2N5339
2N3202	BSS44	BSS44	2N4000	2N5339	2N5339
2N3203	BSS44	BSS44	2N4001	2N5339	2N5339
2N3232	2N5876	BDW52C	2N4002	BUV20	BUV20
2N3233	BDW51B	BDW51C	2N4032	BUV20	BUV20
2N3235	2N3055	2N3055	2N4111	2N3716	2N3716
2N3236	BDW51B	BDW51C	2N4113	2N3716	2N3716
2N3238	BDW51B	BDW51C	2N4115	2N5339	2N5339
2N3239	BDW51B	BDW51C	2N4116	2N5339	2N5339
2N3240	BDW51B	BDW51C	2N4300	2N5337	2N5339
2N3419	2N5336	2N5338	2N4301	2N5337	2N5339
2N3420	2N5336	2N5338	2N4305	2N5337	2N5339
2N3421	2N5336	2N5338	2N4307	2N5337	2N5339
2N3439	2N3439	2N3439	2N4309	2N5339	2N5339
2N3440	2N3440	2N3440	2N4311	2N5337	2N5339
2N3445	BDW51A	BDW51C	2N4314	2N3868	BSS44
2N3446	BDW51B	BDW51C	2N4398	2N4398	2N4399
2N3447	2N3716	2N3716	2N4399	2N4399	2N4399
2N3448	2N3716	2N3716	2N4877	2N5337	2N5339
2N3667	BDW51B	BDW51C	2N4895	2N4895	2N4895
2N3713	BDW51B	BDW51C	2N4897	2N4897	BFX34

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2N4901	TIP2955	TIP2955	2N5285	2N5339	2N5339
2N4902	TIP2955	TIP2955	2N5293	TIP31B	TIP31C
2N4903	TIP2955	TIP2955	2N5294	TIP31B	TIP31C
2N4904	TIP2955	TIP2955	2N5295	TIP31B	TIP31C
2N4905	TIP2955	TIP2955	2N5297	TIP31B	TIP31C
2N4906	TIP2955	TIP2955	2N5298	TIP31B	TIP31C
2N4907	2N3792	2N3792	2N5298	TIP31B	TIP31C
2N4908	2N3792	2N3792	2N5301	2N5301	2N5885
2N4909	2N3792	2N3792	2N5302	2N5302	2N5885
2N4913	BDW51C	BDW51C	2N5303	2N5303	2N5886
2N4914	BDW51C	BDW51C	2N5325	2N5339	2N5339
2N4915	BDW51C	BDW51C	2N5333	BSS44	BSS44
2N4918	2N4918	2N4918	2N5334	2N5337	2N5339
2N4919	2N4919	2N4919	2N5335	BUY47	BUY48
2N4920	2N4920	2N4920	2N5336	2N5336	2N5338
2N4921	2N4921	2N4922	2N5337	2N5337	2N5339
2N4922	2N4922	2N4922	2N5338	2N5338	2N5338
2N4923	2N4923	2N4923	2N5339	2N5339	2N5339
2N4998	2N5339	2N5339	2N5346	2N5339	2N5339
2N5000	2N5339	2N5339	2N5347	2N5339	2N5339
2N5002	2N5339	2N5339	2N5348	2N5339	2N5339
2N5004	2N5339	2N5339	2N5349	2N5339	2N5339
2N5034	2N3055	2N3055	2N5386	2N5038	2N5038
2N5035	2N3055	2N3055	2N5387	2N6547	2N6547
2N5036	2N3055	2N3055	2N5388	2N6547	2N6547
2N5037	2N3055	2N3055	2N5389	2N6547	2N6547
2N5038	2N5038	2N5038	2N5415	2N5415	2N5415
2N5039	2N5039	2N5039	2N5416	2N5416	2N5416
2N5068	BDW51C	BDW51C	2N5420	BD705	BD707
2N5069	BDW51C	BDW51C	2N5466	BUX48A	BUX48A
2N5083	2N5339	2N5339	2N5467	BUX48A	BUX48A
2N5085	2N5339	2N5339	2N5477	2N5339	2N5339
2N5148	2N5337	2N5339	2N5478	2N5339	2N5339
2N5150	2N5337	2N5339	2N5479	2N5339	2N5339
2N5152	2N5337	2N5339	2N5480	2N5339	2N5339
2N5153	2N5153	2N5153	2N5490	MJE3055T	MJE3055T
2N5154	2N5154	2N5154	2N5491	MJE3055T	MJE3055T
2N5157	BUX48A	BUX48A	2N5492	BD707	BD707
2N5190	2N5190	2N5190	2N5493	2N6292	2N6292
2N5191	2N5191	2N5191	2N5494	BD705	BD707
2N5192	2N5192	2N5192	2N5495	MJE3055T	MJE3055T
2N5193	2N5193	2N5193	2N5496	BD709	BD709
2N5194	2N5194	2N5194	2N5497	2N6292	2N6292
2N5195	2N5195	2N5195	2N5559	2N5672	2N5671
2N5240	BUX48A	BUX48A	2N5614	2N3716	2N3716
2N5241	BUX48A	BUX48A	2N5616	2N3716	2N3716
2N5264	BUV23	BUV23	2N5618	2N3716	2N3716
2N5284	2N5339	2N5339	2N5629	2N5629	2N5629

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2N5632	BDW51B	BDW51C	2N5930	BUX10	BUX10
2N5633	2N5672	2N5671	2N5932	BUX10	BUX10
2N5634	2N5672	2N5671	2N5933	BUX10	BUX10
2N5655	2N5655	2N5657	2N5936	BUX10	BUX10
2N5656	2N5656	2N5657	2N5970	BDW51B	BDW51C
2N5657	2N5657	2N5657	2N5971	BDW51B	BDW51C
2N5671	2N5671	2N5671	2N5973	2N5686	2N5686
2N5672	2N5672	2N5671	2N5975	MJE2955T	MJE2955T
2N5679	2N5679	2N5680	2N5976	MJE2955T	MJE2955T
2N5680	2N5680	2N5680	2N5977	MJE3055T	MJE3055T
2N5681	2N5681	2N5681	2N5978	MJE3055T	MJE3055T
2N5682	2N5682	2N5682	2N5979	MJE3055T	MJE3055T
2N5684	2N5684	MJ14003	2N5980	MJE2955T	MJE2955T
2N5686	2N5686	2N5686	2N5981	MJE2955T	MJE2955T
2N5729	2N5337	2N5339	2N5982	2N6490	2N6490
2N5730	2N5339	2N5339	2N5983	MJE3055T	MJE3055T
2N5733	BUV20	BUV20	2N5984	MJE3055T	MJE3055T
2N5734	BUX10	BUX10	2N5985	TIP33B	TIP33C
2N5738	BDW52B	BDW52C	2N5986	2N6490	2N6490
2N5740	BDW52B	BDW52C	2N5987	2N6490	2N6490
2N5743	2N5884	2N5884	2N5990	TIP33B	TIP33C
2N5744	MJ4502	MJ4502	2N5991	TIP33B	TIP33C
2N5745	2N5745	2N5745	2N6021	TIP32C	TIP32C
2N5758	BDW51C	BDW51C	2N6022	TIP32C	TIP32C
2N5781	BSS44	BSS44	2N6023	TIP32B	TIP32B
2N5782	BSS44	BSS44	2N6024	TIP32B	TIP32B
2N5783	BSS44	BSS44	2N6025	TIP32B	TIP32B
2N5784	2N5337	2N5339	2N6026	TIP32B	TIP32B
2N5785	2N5337	2N5339	2N6032	BUV20	BUV20
2N5867	2N3792	2N3792	2N6033	BUV21	BUV21
2N5868	2N3792	2N3792	2N6034	2N6034	2N6036
2N5869	2N3716	2N3716	2N6035	2N6035	2N6036
2N5870	2N3716	2N3716	2N6036	2N6036	2N6036
2N5871	2N3792	2N3792	2N6037	2N6037	2N6039
2N5872	2N3792	2N3792	2N6038	2N6038	2N6039
2N5873	2N3716	2N3716	2N6039	2N6039	2N6039
2N5874	2N3716	2N3716	2N6042	2N6042	TIP107
2N5875	2N5875	BDW52C	2N6045	2N6045	TIP102
2N5876	2N5876	BDW52C	2N6050	2N6050	2N6050
2N5879	BDW52B	BDW52C	2N6051	2N6051	2N6052
2N5880	BDW52B	BDW52C	2N6052	2N6052	2N6052
2N5881	BDW51A	BDW51C	2N6053	2N6053	2N6050
2N5882	BDW51B	BDW51C	2N6055	2N6055	2N6055
2N5883	2N5883	2N5885	2N6057	2N6057	2N6057
2N5884	2N5884	2N5884	2N6058	2N6058	2N6059
2N5885	2N5885	2N5885	2N6059	2N6059	2N6059
2N5886	2N5886	2N5886	2N6098	2N6487	2N6487
2N5929	BUX10	BUX10	2N6099	2N6099	2N6487

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2N6100	2N6487	2N6487	2N6278	BUV20	BUV20
2N6101	2N6488	2N6488	2N6279	BUV20	BUV20
2N6102	2N6488	2N6488	2N6280	BUV20	BUV20
2N6103	2N6487	2N6487	2N6281	BUV21	BUV21
2N6106	2N6107	2N6107	2N6282	2N6282	2N6283
2N6107	2N6107	2N6107	2N6283	2N6283	2N6283
2N6108	2N6109	2N6109	2N6284	2N6284	2N6284
2N6109	2N6109	2N6109	2N6285	2N6285	2N6286
2N6110	2N6107	2N6107	2N6286	2N6286	2N6286
2N6111	2N6111	2N6111	2N6287	2N6287	2N6287
2N6121	2N6121	2N6121	2N6288	2N6288	2N6288
2N6122	TIP31B	TIP31C	2N6289	2N6292	2N6292
2N6123	2N6123	BD243B	2N6290	2N6290	2N6290
2N6124	2N6124	2N6124	2N6291	2N6292	2N6292
2N6125	TIP32B	TIP32B	2N6292	2N6292	2N6292
2N6126	2N6126	BD244B	2N6293	2N6292	2N6292
2N6128	BUX10	BUX10	2N6306	BUW34	BUW34
2N6129	TIP41B	TIP41B	2N6307	BUW35	BUW36
2N6130	TIP41B	TIP41B	2N6308	BUW35	BUW36
2N6131	TIP41B	TIP41B	2N6329	2N5884	2N5884
2N6132	TIP42C	TIP42C	2N6330	2N5884	2N5884
2N6133	TIP42C	TIP42C	2N6331	2N5884	2N5884
2N6134	TIP42C	TIP42C	2N6338	BUX10	BUX10
2N6177	MJE340	MJE340	2N6339	BUX10	BUX10
2N6190	2N6490	2N6490	2N6354	BUX10	BUX10
2N6226	BDW52C	BDW52C	2N6355	2N6059	2N6059
2N6227	TIP2955	TIP2955	2N6356	2N6059	2N6059
2N6228	TIP2955	TIP2955	2N6357	2N6059	2N6059
2N6229	BDW52B	BDW52C	2N6358	2N6059	2N6059
2N6242	BUW34	BUW34	2N6359	2N5886	2N5886
2N6243	MJ13335	MJ13335	2N6371	2N3055	2N3055
2N6244	BUV24	BUX98	2N6383	2N6383	2N6385
2N6245	MJ13335	MJ13335	2N6384	BDX87A	BDX87B
2N6246	BDW52A	BDW52C	2N6385	2N6385	2N6385
2N6247	BDW52B	BDW52C	2N6386	2N6386	2N6386
2N6248	TIP2955	TIP2955	2N6387	2N6387	2N6387
2N6249	BUX41	BUX41	2N6388	2N6388	2N6388
2N6250	BUX42	BUX42	2N6406	MJE171	MJE172
2N6251	BUX48	BUX48	2N6407	MJE172	MJE172
2N6257	2N5886	2N5886	2N6408	MJE181	MJE182
2N6258	2N5686	2N5686	2N6409	MJE182	MJE182
2N6270	BUX10	BUX10	2N6410	MJE200	MJE200
2N6271	BUX10	BUX10	2N6411	MJE210	MJE210
2N6273	BUX10	BUX10	2N6412	MJE181	MJE182
2N6274	BUV20	BUV20	2N6413	MJE181	MJE182
2N6275	BUV20	BUV20	2N6414	MJE171	MJE172
2N6276	BUV21	BUV21	2N6415	MJE171	MJE172
2N6277	BUV21	BUV21	2N6469	BDW52B	BDW52C

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2N6470	BDW51	BDW51C	2N6673	2N6673	2N6673
2N6471	BDW51A	BDW51C	2N6675	2N6675	BUX48A
2N6472	BDW51B	BDW51C	2N6676	2N6678	2N6678
2N6473	BD711	BD711	2N6677	2N6678	2N6678
2N6475	BD712	BD712	2N6678	2N6678	2N6678
2N6486	2N6486	2N6486	2N6702	2N6702	BUV26
2N6487	2N6487	2N6487	2N6935	2N6935	2N6935
2N6488	2N6488	2N6488	2NS671	BUX10	BUX10
2N6489	2N6489	2N6489	2NS672	BUX10	BUX10
2N6490	2N6490	2N6490	2NS684	2N5684	MJ14003
2N6491	2N6491	2N6491	2NS974	MJE2955T	MJE2955T
2N6496	BUX10	BUX10	2S3569	2N6035	2N6036
2N6499	MJE13005	MJE13005	2S8514	TIP32B	TIP32B
2N6511	BUW34	BUW34	2S8521	TIP42B	TIP42B
2N6512	BUW34	BUW34	2S8531	TIP2955	TIP2955
2N6513	BUW34	BUW34	2S8579	MJE2955T	MJE2955T
2N6514	BUW34	BUW34	2SA489	BD242B	BD242B
2N6530	TIP101	TIP102	2SA490	BD242A	BD242A
2N6531	BDX53C	BDX53C	2SA496	2N4918	2N4918
2N6532	BDX53C	BDX53C	2SA505	2N4919	2N4919
2N6535	TIP102	TIP102	2SA607	2N3792	2N3792
2N6536	TIP102	TIP102	2SA623	2N4918	2N4918
2N6544	BUX48A	BUX48A	2SA624	2N4919	2N4919
2N6545	2N6545	BUX47	2SA626	BDW52B	BDW52C
2N6546	2N6547	2N6547	2SA627	BDW52B	BDW52C
2N6547	2N6547	2N6547	2SA633	2N4918	2N4918
2N6548	MJE800	MJE802	2SA634	2N4919	2N4919
2N6549	MJE800	MJE802	2SA635	2N4919	2N4919
2N6551	2N4923	2N4923	2SA636	2N4919	2N4919
2N6552	2N4923	2N4923	2SA645	MJE182	MJE182
2N6553	2N4923	2N4923	2SA646	2N4919	2N4919
2N6554	2N4919	2N4919	2SA647	2N4919	2N4919
2N6556	2N4919	2N4919	2SA656	TIP2955	TIP2955
2N6557	MJE340	MJE340	2SA657	BDW52C	BDW52C
2N6558	MJE340	MJE340	2SA658	BDW52B	BDW52C
2N6559	MJE340	MJE340	2SA663	BDW52C	BDW52C
2N6569	BDW51	BDW51C	2SA670	TIP32B	TIP32B
2N6573	2N6547	2N6547	2SA671	BD242A	BD242A
2N6574	2N6547	2N6547	2SA679	TIP2955	TIP2955
2N6575	BUW45	BUW45	2SA680	BDW52B	BDW52C
2N6576	2N6577	2N6577	2SA682	BD180	BD180
2N6577	2N6577	2N6577	2SA696	MJE350	MJE350
2N6594	BDW52	BDW52C	2SA699	TIP30	TIP30A
2N6648	BDX88	BDX88B	2SA699A	TIP30A	TIP30A
2N6649	BDX88A	BDX88B	2SA700	TIP30	TIP30A
2N6666	BDX54	BDX54B	2SA703	2N4918	2N4918
2N6667	BDX54A	BDX54B	2SA714	TIP2955	TIP2955
2N6668	2N6668	TIP106	2SA715	MJE170	MJE172

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SA738	MJE170	MJE172	2SA1326	2N6490	2N6490
2SA743	BD238	BD238	2SA1329	2N6491	2N6491
2SA748	BD240B	BD240B	2SA1357	TIP42B	TIP42B
2SA755	BD240A	BD240B	2SAB77	2N5876	BDW52C
2SA756	BDW52C	BDW52C	2SB1020	2N6042	TIP107
2SA757	TIP2955	TIP2955	2SB1024	TIP127	TIP127
2SA758	TIP2955	TIP2955	2SB434	BD244A	BD244A
2SA768	BD242A	BD242A	2SB435	BD244	BD244A
2SA769	BD242B	BD242B	2SB506	TIP2955	TIP2955
2SA770	2N6109	2N6109	2SB507	BD242A	BD242A
2SA771	2N6107	2N6107	2SB509	BD244A	BD244A
2SA775	TIP30C	TIP30C	2SB511	TIP32	TIP32A
2SA779	BD438	BD438	2SB513	2N6126	BD244B
2SA780	BD440	BD440	2SB514	TIP32A	TIP32A
2SA780A	BD442	BD442	2SB515	TIP32A	TIP32A
2SA795	MJE350	MJE350	2SB518	BDW52C	BDW52C
2SA807	2N3789	2N3790	2SB520	TIP2955	TIP2955
2SA808	2N3790	2N3790	2SB521	TIP42A	TIP42A
2SA814	TIP32C	TIP32C	2SB522	TIP42A	TIP42A
2SA815	TIP30C	TIP30C	2SB523	2N5193	2N5193
2SA816	TIP30B	TIP30B	2SB524	2N5194	2N5194
2SA818	MJE350	MJE350	2SB526	MJE350	MJE350
2SA835	MJE350	MJE350	2SB527	MJE350	MJE350
2SA837	BDW52C	BDW52C	2SB528	MJE350	MJE350
2SA839	TIP32C	TIP32C	2SB529	2N5193	2N5193
2SA877	2N5876	BDW52C	2SB531	BDW52C	BDW52C
2SA885	BD438	BD438	2SB532	BDW52B	BDW52C
2SA886	BD438	BD438	2SB536	MJE350	MJE350
2SA887	BD242B	BD242B	2SB537	TIP32C	TIP32C
2SA898	MJE350	MJE350	2SB538	TIP32C	TIP32C
2SA899	MJE350	MJE350	2SB548	2N4920	2N4920
2SA900	MJE210	MJE210	2SB549	2N4920	2N4920
2SA907	TIP2955	TIP2955	2SB553	TIP42B	TIP42B
2SA922	2N4918	2N4918	2SB558	BDW52B	BDW52C
2SA939	MJE350	MJE350	2SB559	2N4918	2N4918
2SA963	MJE171	MJE172	2SB565	BD706	BD708
2SA966	TIP32	TIP32A	2SB566	BD706	BD708
2SA980	BDW52B	BDW52C	2SB566A	BD706	BD708
2SA1008	TIP32C	TIP32C	2SB569	BD676	BD678
2SA1010	TIP42C	TIP42C	2SB570	BD678	BD678
2SA1012	TIP42A	TIP42A	2SB571	BD680	BD680
2SA1020	TIP32	TIP32A	2SB572	2N5193	2N5193
2SA1045	2N6052	2N6052	2SB573	2N5194	2N5194
2SA1046	2N6052	2N6052	2SB574	2N5195	2N5195
2SA1063	TIP2955	TIP2955	2SB575	2N5193	2N5193
2SA1069	TIP42B	TIP42B	2SB576	2N5194	2N5194
2SA1110	MJE350	MJE350	2SB577	2N5195	2N5195
2SA1307	TIP42B	TIP42B	2SB578	MJ2955	MJ2955

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SB579	2N5875	BDW52C	2SB751	BDX54B	BDX54B
2SB580	2N5876	BDW52C	2SB753	BD912	BD912
2SB581	BDW52C	BDW52C	2SB754	TIP36A	TIP36B
2SB585	2N6053	2N6050	2SB772	MJE170	MJE172
2SB587	2N6050	2N6050	2SB833	MJ11013	MJ11013
2SB588	2N6051	2N6052	2SB834	TIP32A	TIP32A
2SB589	2N6052	2N6052	2SB855	TIP32A	TIP32A
2SB595	BD712	BD712	2SB856	TIP32A	TIP32A
2SB596	BD244B	BD244B	2SC407	BUX41	BUX41
2SB604	BD244B	BD244B	2SC408	BUX41	BUX41
2SB631	2N4920	2N4920	2SC409	BUX41	BUX41
2SB632	MJE370	MJE371	2SC410	BUX41	BUX41
2SB633	TIP42C	TIP42C	2SC411	2N6547	2N6547
2SB638	BDX88C	BDX88C	2SC412	2N6547	2N6547
2SB639	BDX88C	BDX88C	2SC431	BUX21	BUX21
2SB648	MJE350	MJE350	2SC432	BUX21	BUX21
2SB649	MJE350	MJE350	2SC433	BUX22	BUX22
2SB653	TIP2955	TIP2955	2SC434	BUX22	BUX22
2SB654	TIP2955	TIP2955	2SC436	MJ10004	MJ10004
2SB655	BUW42	BUW42A	2SC495	2N4923	2N4923
2SB668	TIP32A	TIP32A	2SC496	2N4921	2N4922
2SB669	TIP32B	TIP32B	2SC503	2N5338	2N5338
2SB673	BDW94C	BDW94C	2SC504	2N5336	2N5338
2SB674	BDW94B	BDW94B	2SC510	2N5336	2N5338
2SB675	BDW94A	BDW94B	2SC518	2N3716	2N3716
2SB676	TIP127	TIP127	2SC518A	2N3716	2N3716
2SB677	TIP125	TIP125	2SC520	2N3716	2N3716
2SB679	TIP117	TIP117	2SC520A	2N3716	2N3716
2SB681	BUW42	BUW42A	2SC521A	2N3716	2N3716
2SB686	TIP36C	TIP36C	2SC558	BUW24	BU326A
2SB689	TIP42C	TIP42C	2SC642	BU208A	BU208A
2SB690	TIP42C	TIP42C	2SC646	2N3055	2N3055
2SB693	2N6287	2N6287	2SC647	BDW51B	BDW51C
2SB694	MJ11015	MJ11015	2SC664	BDW51C	BDW51C
2SB696	BUW42	BUW42A	2SC675	BUW34	BUW34
2SB697	BUW42	BUW42A	2SC676	BUW34	BUW34
2SB706	2N6107	2N6107	2SC677	BUW34	BUW34
2SB707	2N6107	2N6107	2SC678	BUW34	BUW34
2SB708	2N6107	2N6107	2SC681	BUW34	BUW34
2SB712	2N6042	TIP107	2SC678	BUW34	BUW34
2SB713	MJE350	MJE350	2SC758	BUW34	BUW34
2SB717	MJE350	MJE350	2SC759	BUW34	BUW34
2SB718	MJE350	MJE350	2SC760	BUW34	BUW34
2SB722	BUW42	BUW42A	2SC768	2N3055	2N3055
2SB724	TIP32A	TIP32A	2SC769	2N5672	2N5671
2SB743	MJE170	MJE172	2SC770	BUX41	BUX41
2SB744	MJE172	MJE172	2SC771	BUX41	BUX41
2SB750	TIP115	TIP115	2SC789	TIP31B	TIP31C
			2SC790	TIP31A	TIP31A

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SC791	TIP31C	TIP31C	2SC1130	BU326	BU326A
2SC793	BDW51C	BDW51C	2SC1131	BU326	BU326A
2SC794	BDW51C	BDW51C	2SC1132	BU208	BU208
2SC861	BUW25	BU326A	2SC1133	BU208	BU208
2SC862	BUX48A	BUX48A	2SC1140	BUW45	BUW45
2SC885	BU326	BU326A	2SC1141	BUW45	BUW45
2SC886	BU326	BU326A	2SC1142	BUW35	BUW36
2SC887	BU326	BU326A	2SC1143	BUW35	BUW36
2SC901	BU326	BU326A	2SC1151	BU208	BU208
2SC901A	BU326	BU326A	2SC1153	BU208	BU208
2SC902	BU326	BU326A	2SC1154	BU208	BU208
2SC931	BD241A	BD241A	2SC1155	MJE182	MJE182
2SC932	BD241	BD241A	2SC1157	2N4923	2N4923
2SC935	BUW34	BUW34	2SC1162	MJE180	MJE180
2SC936	BU208	BU208	2SC1167	BU208	BU208
2SC937	BU208	BU208	2SC1170	BU208	BU208
2SC939	BU326	BU326A	2SC1170A	BU208	BU208
2SC940	BU326	BU326A	2SC1171	BU208	BU208
2SC962	BDW51C	BDW51C	2SC1172	BU208	BU208
2SC999	BU208	BU208	2SC1173	TIP31	TIP31A
2SC1003	MJE181	MJE182	2SC1174	BU208	BU208
2SC1004	BU208	BU208	2SC1174	BU208A	BU208A
2SC1004	MJE181	MJE182	2SC1184	BU208	BU208
2SC1004A	BU208	BU208	2SC1185	BU326	BU326A
2SC1005	BU208	BU208	2SC1212	BD235	BD235
2SC1034	BU208A	BU208A	2SC1212A	BD237	BD237
2SC1036	BU208A	BU208A	2SC1226	TIP31	TIP31A
2SC1060	TIP31A	TIP31A	2SC1226A	TIP31A	TIP31A
2SC1061	TIP31A	TIP31A	2SC1227	BUW34	BUW34
2SC1078	BU208A	BU208A	2SC1228	BUW34	BUW34
2SC1080	BDW51C	BDW51C	2SC1229	BUW34	BUW34
2SC1086	BU208	BU208	2SC1230	BUW34	BUW34
2SC1088	MJE3439	2N5657	2SC1237	TIP31B	TIP31C
2SC1089	MJE3439	2N5657	2SC1243	MJE800	MJE802
2SC1096	MJE181	MJE182	2SC1292	BU326	BU326A
2SC1098	2N4923	2N4923	2SC1295	BU208	BU208
2SC1099	BU208	BU208	2SC1308	BU208	BU208
2SC1100	BU208	BU208	2SC1309	BU208	BU208
2SC1101	BU208	BU208	2SC1316	BUW34	BUW34
2SC1106	BU326	BU326A	2SC1322	BUV23	BUV23
2SC1107	BD243B	BD243B	2SC1325	BU208	BU208
2SC1108	BD243C	BD243C	2SC1343	BUX41	BUX41
2SC1109	BD243B	BD243B	2SC1348	BU208	BU208
2SC1110	BD243C	BD243C	2SC1358	BU208	BU208
2SC1111	2N5672	2N5671	2SC1367	BU208	BU208
2SC1114	BU326	BU326A	2SC1368	MJE180	MJE180
2SC1115	2N5672	2N5671	2SC1381	MJE182	MJE182
2SC1116	BUX41	BUX41	2SC1382	MJE182	MJE182

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SC1398	BD239B	BD239B	2SC1669	TIP47	TIP47
2SC1402	2N5672	2N5671	2SC1683	TIP47	TIP47
2SC1403	2N5672	2N5671	2SC1722	TIP48	TIP48
2SC1409	TIP47	TIP47	2SC1723	TIP48	TIP48
2SC1410	TIP47	TIP47	2SC1749	MJE340	MJE340
2SC1413	BU208	BU208	2SC1768	BU931R	BU931R
2SC1418	TIP31A	TIP31A	2SC1777	2N3055	2N3055
2SC1419	TIP31A	TIP31A	2SC1782	2N5672	2N5671
2SC1434	2N6547	2N6547	2SC1783	BUV23	BUV23
2SC1436	BUV23	BUV23	2SC1784	2N5672	2N5671
2SC1440	BUV23	BUV23	2SC1785	BUX41	BUX41
2SC1441	BUV23	BUV23	2SC1786	BUX42	BUV42
2SC1447	TIP47	TIP47	2SC1826	TIP41B	TIP41B
2SC1448	TIP47	TIP47	2SC1827	TIP41C	TIP41C
2SC1449	MJE180	MJE180	2SC1829	BU931R	BU931R
2SC1454	BU326	BU326A	2SC1832	BU932R	BU932R
2SC1463	BU326	BU326A	2SC1846	MJE180	MJE180
2SC1467	BUW34	BUW34	2SC1847	MJE181	MJE182
2SC1468	BUW34	BUW34	2SC1848	BD241B	BD241B
2SC1469	BUW34	BUW34	2SC1869	2N5672	2N5671
2SC1477	BUW34	BUW34	2SC1870	2N6547	2N6547
2SC1501	MJE3439	2N5657	2SC1875	BU208	BU208
2SC1504	BUW34	BUW34	2SC1880	TIP112	TIP112
2SC1505	TIP48	TIP48	2SC1881	TIP110	TIP110
2SC1506	TIP48	TIP48	2SC1883	TIP122	TIP122
2SC1507	TIP48	TIP48	2SC1891	BU208	BU208
2SC1514	MJE3439	2N5657	2SC1892	BU208	BU208
2SC1516	BD437	BD437	2SC1893	BU208	BU208
2SC1517	BD439	BD439	2SC1894	BU208	BU208
2SC1517A	BD441	BD441	2SC1922	BU208	BU208
2SC1519	MJE340	MJE340	2SC1929	TIP48	TIP48
2SC1520	MJE340	MJE340	2SC1942	BU208	BU208
2SC1521	MJE340	MJE340	2SC1943	TIP111	TIP112
2SC1565	MJE340	MJE340	2SC1944	TIP112	TIP112
2SC1576	BUW34	BUW34	2SC1945	TIP41B	TIP41B
2SC1577	BUW34	BUW34	2SC1948	TIP41C	TIP41C
2SC1578	BUW35	BUW36	2SC1983	TIP111	TIP112
2SC1580	BUW45	BUW45	2SC1984	TIP112	TIP112
2SC1584	BUX41	BUX41	2SC1985	TIP41B	TIP41B
2SC1585	BUX41	BUX41	2SC1986	TIP41C	TIP41C
2SC1586	BUX42	BUV42	2SC2024	2N4923	2N4923
2SC1617	BU326	BU326A	2SC2027	BU208	BU208
2SC1618	BDW51B	BDW51C	2SC2068	MJE340	MJE340
2SC1619	BDW51C	BDW51C	2SC2071	MJE3440	MJE3440
2SC1625	TIP29C	TIP29C	2SC2073	TIP47	TIP47
2SC1626	TIP29B	TIP29B	2SC2080	MJE180	MJE180
2SC1629	MJ1001	MJ3001	2SC2126	MJE13005	MJE13005
2SC1667	BDW51C	BDW51C	2SC2127	BUX41	BUX41

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SC2169	2N5672	2N5671	2SC2534	SGS13003	SGS13003
2SC2189	BUW34	BUW34	2SC2535	MJE13005	MJE13005
2SC2190	2N6545	BUX47	2SC2536	MJE13005	MJE13005
2SC2191	2N6547	2N6547	2SC2552	MJE13005	MJE13005
2SC2209	MJE181	MJE182	2SC2553	MJE13007	MJE13007
2SC2229	TIP47	TIP47	2SC2562	TIP41A	TIP41A
2SC2230	TIP47	TIP47	2SC2793	BU508A	BU508A
2SC2235	TIP47	TIP47	2SC2914	BUW34	BUW34
2SC2236	TIP31	TIP31A	2SC3257	MJE13009	MJE13009
2SC2238	TIP47	TIP47	2SC3294	TIP41B	TIP41B
2SC2238A	TIP47	TIP47	2SC3306	MJE13009	MJE13009
2SC2238B	TIP47	TIP47	2SC3310	BUL381/382	BUL381/382
2SC2244	2N6545	BUX47	2SC3346	MJE13009	MJE13009
2SC2246	2N6547	2N6547	2SC3419	TIP31B	TIP31C
2SC2248	2N6545	BUX47	2SC3420	TIP41B	TIP41B
2SC2256	BUX41	BUX41	2SC3421	TIP47	TIP47
2SC2260	BUX41	BUX41	2SC3621	MJE13005	MJE13005
2SC2261	BUX41	BUX41	2SC3657	BU508A	BU508A
2SC2262	BUX41	BUX41	2SC3783	BU508A	BU508A
2SC2270	2N5194	2N5194	2SC4053	BUL410	BUL410
2SC2278	MJE3439	2N5657	2SC4235	2N6059	2N6059
2SC2298	MJE182	MJE182	2SC4236	2N6059	2N6059
2SC2311	2N4922	2N4922	2SD041	2N3716	2N3716
2SC2321	2N5672	2N5671	2SD12	BDW51C	BDW51C
2SC2322	2N3055	2N3055	2SD15	BDW51C	BDW51C
2SC2324	2N6038	2N6039	2SD16	BDW51C	BDW51C
2SC2331	MJE13005	MJE13005	2SD18	BUX41	BUX41
2SC2333	MJE13005	MJE13005	2SD26	BDW51C	BDW51C
2SC2335	MJE13007	MJE13007	2SD47	BDW51C	BDW51C
2SC2337	2N5672	2N5671	2SD50	BDW51C	BDW51C
2SC2344	TIP47	TIP47	2SD51	BDW51C	BDW51C
2SC2356	2N6547	2N6547	2SD52	BDW51C	BDW51C
2SC2371	MJE3439	2N5657	2SD68	BDW51C	BDW51C
2SC2373	MJE13006	MJE13006	2SD73	BDW51C	BDW51C
2SC2397	MJE3055T	MJE3055T	2SD80	BDW51C	BDW51C
2SC2402	2N6547	2N6547	2SD81	BDW51C	BDW51C
2SC2428	BUX41	BUX41	2SD82	BDW51C	BDW51C
2SC2431	2N3055	2N3055	2SD84	BUX41	BUX41
2SC2432	BDW51B	BDW51C	2SD88	BDW51C	BDW51C
2SC2433	MJ11016	MJ11016	2SD107	MJ1001	MJ1001
2SC2435	2N6059	2N6059	2SD108	MJ1001	MJ1001
2SC2436	2N6059	2N6059	2SD110	2N5672	2N5671
2SC2487	2N5672	2N5671	2SD111	BDW51B	BDW51C
2SC2488	2N5672	2N5671	2SD113	MJ802	MJ802
2SC2489	2N5672	2N5671	2SD114	2N5686	2N5686
2SC2492	2N5672	2N5671	2SD116	BDW51C	BDW51C
2SC2493	2N5672	2N5671	2SD119	BDW51C	BDW51C
2SC2500	TIP31	TIP31A	2SD124	BDW51C	BDW51C

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SD124A	BDW51C	BDW51C	2SD274	2N6545	BUX47
2SD125	BDW51C	BDW51C	2SD286	BUX41	BUX41
2SD125A	BDW51C	BDW51C	2SD286	TIP31B	TIP31C
2SD131	BDW51C	BDW51C	2SD287	BUX41	BUX41
2SD133	BUX10	BUX10	2SD288	TIP31B	TIP31C
2SD151	BDW51B	BDW51C	2SD289	TIP31B	TIP31C
2SD161	2N5672	2N5671	2SD293	2N6547	2N6547
2SD163	2N3715	2N3716	2SD294	2N6547	2N6547
2SD165	2N5672	2N5671	2SD295	MJ13335	MJ13335
2SD166	BUX41	BUX41	2SD296	MJ13335	MJ13335
2SD168	BDX87B	BDX87B	2SD299	BU208A	BU208A
2SD173	BDW51B	BDW51C	2SD300	BU208A	BU208A
2SD175	BDW51B	BDW51C	2SD301	BDX87B	BDX87B
2SD176	BDW51B	BDW51C	2SD310	2N6547	2N6547
2SD177	2N5672	2N5671	2SD311	2N6547	2N6547
2SD180	BDW51C	BDW51C	2SD313	TIP31A	TIP31A
2SD181	2N5672	2N5671	2SD314	TIP31A	TIP31A
2SD184	BDW51B	BDW51C	2SD316	2N3716	2N3716
2SD188	BDW51C	BDW51C	2SD317	TIP31A	TIP31A
2SD189	BDW51B	BDW51C	2SD318	TIP31A	TIP31A
2SD189A	BDW51C	BDW51C	2SD319	2N5672	2N5671
2SD199	BU208A	BU208A	2SD321	BUW34	BUW34
2SD200	BU208A	BU208A	2SD322	BUX41	BUX41
2SD201	BDW51C	BDW51C	2SD323	BUX41	BUX41
2SD207	BDW51B	BDW51C	2SD325	TIP31	TIP31A
2SD208	2N5672	2N5671	2SD330	TIP31A	TIP31A
2SD212	BDW51B	BDW51C	2SD331	TIP31A	TIP31A
2SD213	2N5672	2N5671	2SD335	BDW51C	BDW51C
2SD215	2N5672	2N5671	2SD338	BDW51B	BDW51C
2SD217	2N5672	2N5671	2SD339	BDW51C	BDW51C
2SD218	2N5672	2N5671	2SD340	2N3055	2N3055
2SD231	2N5302	2N5885	2SD341	2N3055	2N3055
2SD232	BUV20	BUV20	2SD342	TIP31B	TIP31C
2SD233	TIP31B	TIP31C	2SD343	TIP31B	TIP31C
2SD234	TIP31A	TIP31A	2SD344	TIP31B	TIP31C
2SD235	TIP31A	TIP31A	2SD345	TIP31B	TIP31C
2SD246	BU208	BU208	2SD346	TIP41A	TIP41A
2SD247	BDW51C	BDW51C	2SD347	TIP41A	TIP41A
2SD249	2N5302	2N5885	2SD348	BU208	BU208
2SD260	BDW51C	BDW51C	2SD350	BU208A	BU208A
2SD262	2N6547	2N6547	2SD351	2N6545	BUX47
2SD265	2N6545	BUX47	2SD356	2N4923	2N4923
2SD266	2N6545	BUX47	2SD357	2N4923	2N4923
2SD26A	BDW51C	BDW51C	2SD358	2N4923	2N4923
2SD26B	BDW51C	BDW51C	2SD359	2N5190	2N5190
2SD271	MJE13005	MJE13005	2SD360	2N5190	2N5190
2SD272	MJE13005	MJE13005	2SD361	2N5191	2N5191
2SD273	2N6545	BUX47	2SD365	TIP31A	TIP31A

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SD366	TIP31B	TIP31C	2SD487	2N5192	2N5192
2SD366A	TIP31B	TIP31C	2SD488	2N4921	2N4922
2SD368	BU208	BU208	2SD489	2N4922	2N4922
2SD369	2N3716	2N3716	2SD490	2N4923	2N4923
2SD371	BDW51C	BDW51C	2SD491	MJE3055T	MJE3055T
2SD375	BUX41	BUX41	2SD492	2N3055	2N3055
2SD376	BUX42	BUX42	2SD493	MJE3055T	MJE3055T
2SD377	BUV24	BUX98	2SD494	MJE3055T	MJE3055T
2SD379	BDW51	BDW51C	2SD495	MJE3055T	MJE3055T
2SD380	BU208	BU208	2SD498	2N6045	TIP102
2SD386	MJE13004	MJE13005	2SD499	MJE3055T	MJE3055T
2SD387	MJE13004	MJE13005	2SD500	MJE3055T	MJE3055T
2SD388	BUX41	BUX41	2SD502	2N6055	2N6055
2SD389	TIP31A	TIP31A	2SD504	2N6057	2N6057
2SD390	TIP31A	TIP31A	2SD505	2N6058	2N6059
2SD396	2N6547	2N6547	2SD506	2N6059	2N6059
2SD401	TIP47	TIP47	2SD517	BU208A	BU208A
2SD402	TIP47	TIP47	2SD518	MJE13005	MJE13005
2SD404	TIP120	TIP120	2SD519	BUW34	BUW34
2SD417	BUW34	BUW34	2SD522	BDW51B	BDW51C
2SD418	BU208A	BU208A	2SD523	2N6055	2N6055
2SD422	MJE13005	MJE13005	2SD524	MJ11014	MJ11014
2SD423	MJE13005	MJE13005	2SD525	TIP41C	TIP41C
2SD424	2N5672	2N5671	2SD526	TIP41B	TIP41B
2SD425	2N5672	2N5671	2SD531	TIP41C	TIP41C
2SD426	2N5672	2N5671	2SD539	BUW34	BUW34
2SD428	BDW51C	BDW51C	2SD544	TIP41C	TIP41C
2SD429	2N6547	2N6547	2SD549	TIP111	TIP112
2SD431	2N5672	2N5671	2SD552	BUX42	BUX42
2SD433	BUX41	BUX41	2SD553	TIP41B	TIP41B
2SD434	BUX41	BUX41	2SD555	BUW34	BUW34
2SD435	BUV23	BUV23	2SD570	BD241B	BD241B
2SD436	BUV24	BUX98	2SD574	MJ11016	MJ11016
2SD439	2N4921	2N4922	2SD575	BU208	BU208
2SD459	TIP121	TIP121	2SD577	BU208A	BU208A
2SD460	TIP122	TIP122	2SD597	BDW51C	BDW51C
2SD473	MJ11016	MJ11016	2SD505	2N6059	2N6059
2SD475	TIP31B	TIP31C	2SD600	2N4920	2N4920
2SD476	2N6123	BD243B	2SD603	TIP47	TIP47
2SD478	TIP47	TIP47	2SD604	MJ10012	BU931R
2SD479	2N6037	2N6039	2SD605	MJ10012	BU931R
2SD480	2N6038	2N6039	2SD608	TIP47	TIP47
2SD481	2N6039	2N6039	2SD610	TIP47	TIP47
2SD482	2N5655	2N5657	2SD612	MJE520	MJE521
2SD483	2N5656	2N5657	2SD613	TIP41C	TIP41C
2SD484	2N5657	2N5657	2SD622	MJE13005	MJE13005
2SD485	2N5190	2N5190	2SD626	BU931R	BU931R
2SD486	2N5191	2N5191	2SD627	BU208A	BU208A

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SD628	BDX87C	BDX87C	2SD793	MJE180	MJE180
2SD629	BDX87C	BDX87C	2SD794	MJE182	MJE182
2SD630	2N5302	2N5885	2SD797	MJE802	MJE802
2SD631	2N5302	2N5885	2SD801	2N6545	BUX47
2SD633	BDW93C	BDW93C	2SD802	2N6545	BUX47
2SD634	BDW93B	BDW93B	2SD803	2N6059	2N6059
2SD635	BDW93A	BDW93B	2SD811	2N6545	BUX47
2SD640	2N6545	BUX47	2SD818	BU208	BU208
2SD650	MJ10012	BU931R	2SD819	BU208	BU208
2SD663	MJ10012	BU931R	2SD820	BU208A	BU208A
2SD665	BUX41	BUX41	2SD821	BU208A	BU208A
2SD668	MJE340	MJE340	2SD823	BU408	BU406
2SD668A	MJE340	MJE340	2SD836	TIP110	TIP110
2SD670	MJ11016	MJ11016	2SD837	TIP120	TIP120
2SD678	TIP110	TIP110	2SD839	BDX53A	BDX53B
2SD679	TIP111	TIP112	2SD840	BDX53B	BDX53B
2SD683	BUT13	BUT13	2SD843	BD911	BD911
2SD685	BU932R	BU932R	2SD844	TIP35A	TIP35B
2SD686	TIP122	TIP122	2SD867	2N5672	2N5671
2SD687	TIP121	TIP121	2SD868	BU208D	BU208D
2SD689	TIP112	TIP112	2SD869	BU208D	BU208D
2SD693	BU931R	BU931R	2SD870	BU208D	BU208D
2SD705	BU931R	BU931R	2SD872	MJE3055T	MJE3055T
2SD709	MJ10012	BU931R	2SD878	2N3055	2N3055
2SD710	MJ10004	MJ10004	2SD880	TIP31A	TIP31A
2SD716	TIP35C	TIP35C	2SD882	MJE180	MJE180
2SD717	D44H10	D44H10	2SD897	BU208D	BU208D
2SD721	2N6045	TIP102	2SD897A	BU208D	BU208D
2SD722	2N6045	TIP102	2SD898	BU208D	BU208D
2SD723	TIP31C	TIP31C	2SD898A	BU208D	BU208D
2SD724	MJE13004	MJE13005	2SD898B	BU208D	BU208D
2SD725	BU208A	BU208A	2SD899	BU208D	BU208D
2SD726	TIP31C	TIP31C	2SD899A	BU208D	BU208D
2SD729	2N6284	2N6284	2SD900	BU208D	BU208D
2SD730	MJ11016	MJ11016	2SD900A	BU208D	BU208D
2SD733	2N5672	2N5671	2SD900B	BU208D	BU208D
2SD752	2N5672	2N5671	2SD903	BU208D	BU208D
2SD753	BUV23	BUV23	2SD904	BU208D	BU208D
2SD757	MJE3440	MJE3440	2SD950	BU208A	BU208A
2SD758	MJE3440	MJE3440	2SD951	BU208A	BU208A
2SD759	TIP47	TIP47	2SD952	BU208A	BU208A
2SD760	TIP47	TIP47	2SD953	BU208A	BU208A
2SD761	TIP47	TIP47	2SD956	BU208D	BU208D
2SD762	TIP31A	TIP31A	2SD957A	BU208D	BU208D
2SD764	BU208	BU208	2SD990	TIP112	TIP112
2SD765	BU208A	BU208A	2SD993	BU208D	BU208D
2SD768	2N6045	TIP102	2SD994	BU208D	BU208D
2SD783	BU208	BU208	2SD1061	D44H8	D44H8

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
2SD1062	D44H8	D44H8	BD167	BD439	BD439
2SD1069	BU407D	BU407D	BD168	BD440	BD440
2SD1131	D44H8	D44H8	BD169	BD441	BD441
2SD1132	D44H8	D44H8	BD170	BD442	BD442
2SD1163	BU406	BU406	BD171	BD237	BD237
2SD1163A	BU406	BU406	BD172	BD238	BD238
2SD1187	TIP33C	TIP33C	BD175	BD175	BD175
2SD1201	BU932R	BU932R	BD175-10	BD175-10	BD179-10
2SD1203	BU930Z	BU931Z	BD175-16	BD175-16	BD175-16
2SD1412	2N6292	2N6292	BD176	BD176	BD176
2SD1413	TIP110	TIP110	BD176-10	BD176-10	BD180-10
2SD1414	TIP122	TIP122	BD177	BD177	BD177
2SD1415	TIP120	TIP120	BD177-10	BD177-10	BD179-10
2SD1417	TIP101	TIP102	BD178	BD178	BD178
BD127	MJE340	MJE340	BD179	BD179	BD179
BD128	MJE340	MJE340	BD179-10	BD179-10	BD179-10
BD130	2N3055	2N3055	BD179-16	BD179-16	BD179-16
BD131	BD135	BD135	BD180	BD180	BD180
BD132	BD136	BD136	BD180-10	BD180-10	BD180-10
BD135	BD135	BD135	BD181	2N3715	2N3716
BD135-10	BD135-10	BD139-10	BD182	2N3715	2N3716
BD135-16	BD135-16	BD135	BD183	2N3716	2N3716
BD135-6	BD135-6	BD135	BD184	2N3716	2N3716
BD136	BD136	BD136	BD185	BD435	BD435
BD136-10	BD136-10	BD140-10	BD186	BD436	BD436
BD136-16	BD136-16	BD136	BD187	BD437	BD437
BD136-6	BD136	BD136	BD188	BD438	BD438
BD137	BD137	BD137	BD189	BD439	BD439
BD137-10	BD137-10	BD139-10	BD190	BD440	BD440
BD137-16	BD137	BD137	BD195	BD533	BD533
BD137-6	MJE181	MJE182	BD196	BD534	BD534
BD138	BD138	BD138	BD197	BD535	BD535
BD138-10	BD138	BD138	BD198	BD536	BD536
BD138-16	BD138	BD138	BD199	BD537	BD537
BD138-6	BD138-6	BD138	BD200	BD538	BD538
BD139	BD139	BD139	BD201	BD705	BD707
BD139-10	BD139-10	BD139-10	BD202	BD202	BD708
BD139-16	BD139-16	BD139	BD203	BD707	BD707
BD139-6	BD139-6	BD139	BD203F	BD535FI (*)	
BD140	BD140	BD140	BD204	BD710	BD710
BD140-10	BD140-10	BD140-10	BD204F	BD710FI (*)	
BD140-16	BD140	BD140	BD205	BD905	BD909
BD140-6	BD140	BD140	BD206	BD906	BD908
BD157	BD157	MJE3440	BD207	BD907	BD909
BD158	MJE340	MJE340	BD208	BD908	BD908
BD159	BD159	MJE340	BD213-45	2N6486	2N6486
BD165	BD437	BD437	BD213-60	2N6487	2N6487
BD166	BD438	BD438	BD213-80	2N6488	2N6488

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BD214-45	2N6489	2N6489	BD244C	BD244C	BD244C
BD214-60	2N6490	2N6490	BD245	TIP33A	TIP33A
BD214-80	2N6491	2N6491	BD245A	TIP33A	TIP33A
BD220	BD537	BD537	BD245B	BD245B	TIP33C
BD221	BD533	BD533	BD245C	BD245C	TIP33C
BD222	BD535	BD535	BD246	TIP34A	TIP34A
BD223	BD538	BD538	BD246A	TIP34A	TIP34A
BD224	BD534	BD534	BD246B	BD246B	TIP34C
BD225	BD536	BD536	BD246C	BD246C	TIP34C
BD226	BD175	BD175	BD249	TIP35A	TIP35B
BD227	BD176	BD176	BD249A	TIP35A	TIP35B
BD228	BD177	BD177	BD249B	TIP35B	TIP35B
BD229	BD178	BD178	BD249C	BD249C	TIP35C
BD230	BD179	BD179	BD250	TIP36A	TIP36B
BD231	BD180	BD180	BD250A	TIP36A	TIP36B
BD232	BD159	MJE340	BD250B	TIP36B	TIP36B
BD233	BD233	BD235	BD250C	BD250C	TIP36C
BD234	BD234	BD236	BD253	BU326	BU326A
BD235	BD235	BD235	BD253A	BU326	BU326A
BD236	BD236	BD236	BD253B	BU326	BU326A
BD237	BD237	BD237	BD253C	BU326A	BU326A
BD238	BD238	BD238	BD262	BD678	BD678
BD239	BD239	BD239B	BD262A	BD680	BD680
BD239A	BD239A	BD239B	BD262B	BD682	BD682
BD239B	BD239B	BD239B	BD263	BD677	BD677
BD239C	BD239C	BD239C	BD263A	BD679	BD679
BD240	BD240	BD240B	BD263B	BD681	BD681
BD240A	BD240A	BD240B	BD264	BDX34A	BDX34B
BD240B	BD240B	BD240B	BD264A	BDX34B	BDX34B
BD240C	BD240C	BD240C	BD264B	BDX34C	BDX34C
BD241	BD241	BD241A	BD265	BDX33B	BDX33B
BD241A	BD241A	BD241A	BD265A	BDX33B	BDX33B
BD241B	BD241B	BD241B	BD265B	BDX33C	BDX33C
BD241BFI	BD241BFI (*)		BD266	BDX54A	BDX54B
BD241C	BD241C	BD241C	BD266A	BDX54B	BDX54B
BD241CFI	BD241CFI (*)		BD266B	BDX54C	BDX54C
BD242	BD242	BD242A	BD267	BDX53A	BDX53B
BD242A	BD242A	BD242A	BD267A	BDX53B	BDX53B
BD242B	BD242B	BD242B	BD267B	BDX53C	BDX53C
BD242BFI	BD242BFI (*)		BD268	BDW94A	BDW94B
BD242C	BD242C	BD242C	BD268A	BDW94B	BDW94B
BD243	BD243	BD243B	BD269	BDW93A	BDW93B
BD243A	BD243A	BD243B	BD269A	BDW93B	BDW93B
BD243B	BD243B	BD243B	BD271	BD533	BD533
BD243C	BD243C	BD243C	BD272	BD534	BD534
BD244	BD244	BD244A	BD273	BD535	BD535
BD244A	BD244A	BD244A	BD274	BD536	BD536
BD244B	BD244B	BD244B	BD275	BD537	BD537

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BD276	BD538	BD538	BD378	BD238	BD238
BD277	BD708	BD708	BD379	BD379	BD379
BD278	BD707	BD707	BD380	BD380	BD380
BD278A	BD707	BD707	BD385	MJE181	MJE182
BD279	2N6035	2N6036	BD385-2	MJE181	MJE182
BD291	BD243B	BD243B	BD385-5	MJE181	MJE182
BD292	BD244B	BD244B	BD385-8	MJE181	MJE182
BD293	BD243B	BD243B	BD386	MJE171	MJE172
BD294	BD244B	BD244B	BD386-1	MJE171	MJE172
BD295	BD243B	BD243B	BD386-2	MJE171	MJE172
BD296	BD244B	BD244B	BD386-5	MJE171	MJE172
BD301	BD533	BD533	BD386-8	MJE171	MJE172
BD302	BD534	BD534	BD387	MJE182	MJE182
BD303	BD535	BD535	BD387-1	MJE182	MJE182
BD304	BD536	BD536	BD387-2	MJE182	MJE182
BD306A	MJE181	MJE182	BD387-5	MJE182	MJE182
BD306B	MJE181	MJE182	BD387-8	MJE182	MJE182
BD307A	MJE181	MJE182	BD388	MJE172	MJE172
BD307B	MJE181	MJE182	BD388-1	MJE172	MJE172
BD311	BDW51A	BDW51C	BD388-2	MJE172	MJE172
BD312	BDW52A	BDW52C	BD388-5	MJE172	MJE172
BD313	BDW51B	BDW51C	BD388-8	MJE172	MJE172
BD314	BDW52B	BDW52C	BD410	MJE3439	2N5657
BD329	MJE200	MJE200	BD411	2N6038	2N6039
BD330	MJE210	MJE210	BD411-1	2N6038	2N6039
BD331	BD333	BD335	BD411-2	2N6038	2N6039
BD332	BD332	BD336	BD411-5	2N6038	2N6039
BD333	BD333	BD335	BD412	2N6038	2N6039
BD334	BD334	BD336	BD412-1	2N6038	2N6039
BD335	BD335	BD335	BD412-8	2N6038	2N6039
BD336	BD336	BD336	BD413-1	2N6035	2N6036
BD337	BDX33C	BDX33C	BD413-2	2N6035	2N6036
BD338	BDX34C	BDX34C	BD413-5	2N6035	2N6036
BD342	2N3055	2N3055	BD414	2N6035	2N6036
BD343	MJE2955T	MJE2955T	BD414-1	2N6035	2N6036
BD344	BD138	BD138	BD414-2	2N6035	2N6036
BD345	BD137	BD137	BD414-5	2N6035	2N6036
BD346	BD710	BD710	BD414-8	2N6035	2N6036
BD347	BD709	BD709	BD415	MJE181	MJE182
BD348	BD140	BD140	BD415-1	MJE181	MJE182
BD349	BD139	BD139	BD415-2	MJE181	MJE182
BD361	BD433	BD433	BD415-8	MJE181	MJE182
BD361A	BD433	BD433	BD416	MJE171	MJE172
BD362	BD434	BD434	BD416-1	MJE171	MJE172
BD362A	BD434	BD434	BD416-2	MJE171	MJE172
BD375	BD235	BD235	BD416-5	MJE171	MJE172
BD376	BD236	BD236	BD417	MJE182	MJE182
BD377	BD377	BD379	BD417-1	MJE182	MJE182

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BD417-2	MJE182	MJE182	BD540A	BD242A	BD242A
BD417-5	MJE182	MJE182	BD540B	BD242B	BD242B
BD417-8	MJE182	MJE182	BD540C	BD242C	BD242C
BD418	MJE172	MJE172	BD543	BD905	BD909
BD418-1	MJE172	MJE172	BD543A	BD907	BD909
BD418-2	MJE172	MJE172	BD543B	BD909	BD909
BD418-5	MJE172	MJE172	BD544	BD906	BD908
BD418-8	MJE172	MJE172	BD544A	BD908	BD908
BD429	MJE200	MJE200	BD544B	BD910	BD910
BD430	MJE210	MJE210	BD545	TIP35A	TIP35B
BD433	BD433	BD433	BD545A	TIP35A	TIP35B
BD434	BD434	BD434	BD545B	TIP35B	TIP35B
BD435	BD435	BD435	BD545C	TIP35C	TIP35C
BD436	BD436	BD436	BD546	TIP36A	TIP36B
BD437	BD437	BD437	BD546A	TIP36A	TIP36B
BD438	BD438	BD438	BD546B	TIP36B	TIP36B
BD439	BD439	BD439	BD546C	TIP36C	TIP36C
BD440	BD440	BD440	BD550B	BUX42	BUV42
BD441	BD441	BD441	BD561	BD437	BD437
BD442	BD442	BD442	BD562	BD438	BD438
BD443	BD179	BD179	BD575	BD533	BD533
BD443A	BD179	BD179	BD576	BD534	BD534
BD450	2N3055	2N3055	BD577	BD535	BD535
BD451	2N3055	2N3055	BD578	BD536	BD536
BD466A	2N6038	2N6039	BD579	BD537	BD537
BD466B	2N6038	2N6039	BD580	BD538	BD538
BD477A	2N6035	2N6036	BD581	MJE182	MJE182
BD477B	2N6035	2N6036	BD582	MJE172	MJE172
BD500	BD908	BD908	BD585	BD533	BD533
BD500A	BD910	BD910	BD586	BD534	BD534
BD500B	BD910	BD910	BD587	BD535	BD535
BD501	BD907	BD909	BD588	BD536	BD536
BD501A	BD909	BD909	BD589	BD537	BD537
BD501B	BD909	BD909	BD590	BD538	BD538
BD533	BD533	BD533	BD591	MJE182	MJE182
BD533FI	BD533FI	BD533FI	BD592	MJE172	MJE172
BD534	BD534	BD534	BD595	BD709	BD709
BD534FI	BD534FI	BD534FI	BD596	BD708	BD708
BD535	BD535	BD535	BD597	BD707	BD707
BD535FI	BD535FI (*)	BD535	BD598	BD708	BD708
BD536	BD536	BD536	BD599	BD709	BD709
BD537	BD537	BD537	BD600	BD710	BD710
BD538	BD538	BD538	BD601	BD711	BD711
BD539	BD241	BD241A	BD602	BD712	BD712
BD539A	BD241A	BD241A	BD605	BD907	BD909
BD539B	BD241B	BD241B	BD606	BD908	BD908
BD539C	BD241C	BD241C	BD607	BD907	BD909
BD540	BD242	BD242A	BD608	BD908	BD908

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BD609	BD909	BD909	BD680A	BD680A	BD680A
BD610	BD910	BD910	BD681	BD681	BD681
BD611	BD437	BD437	BD682	BD682	BD682
BD612	BD438	BD438	BD695	BDW93B	BDW93B
BD613	BD437	BD437	BD695A	BDX53	BDX53B
BD614	BD438	BD438	BD696A	BDX54	BDX54B
BD615	BD437	BD437	BD697	BDX53A	BDX53B
BD616	BD438	BD438	BD697A	BDX53A	BDX53B
BD617	BD437	BD437	BD698	BDX54A	BDX54B
BD618	BD440	BD440	BD698A	BDX54A	BDX54B
BD619	BD441	BD441	BD699	BDX53B	BDX53B
BD620	BD442	BD442	BD699A	BDX53B	BDX53B
BD633	BD533	BD533	BD700	BDX54B	BDX54B
BD634	BD534	BD534	BD700A	BDX54B	BDX54B
BD635	BD535	BD535	BD701	BDX53C	BDX53C
BD636	BD536	BD536	BD702	BDX54C	BDX54C
BD637	BD537	BD537	BD705	BD705	BD707
BD638	BD538	BD538	BD706	BD706	BD708
BD643	BDX53A	BDX53B	BD707	BD707	BD707
BD643F	BDX53AFI (*)		BD708	BD708	BD708
BD644	BDX54	BDX54B	BD709	BD709	BD709
BD645	BDX53B	BDX53B	BD710	BD710	BD710
BD646	BDX54A	BDX54A	BD710FI	BD710FI (*)	
BD647	BDX53B	BDX53B	BD711	BD711	BD711
BD648	BDX54B	BDX54B	BD712	BD712	BD712
BD648F	BDX54BFI (*)		BD733	BD533	BD533
BD649	BDX53C	BDX53C	BD734	BD534	BD534
BD649F	BDX53CFI (*)		BD734B	BD911	BD911
BD650	BDX54C	BDX54C	BD735	BD533	BD533
BD650F	BDW94CFI	BDW94CFI	BD736	BD534	BD534
BD650H	BDX54C	BDX54C	BD737	BD533	BD533
BD651	BDX53E	BDX53F	BD738	BD534	BD534
BD652	BDX54E	BDX54F	BD743	BD911	BD911
BD661K	TIP31C	TIP31C	BD743A	BD911	BD911
BD662K	TIP32B	TIP32B	BD743B	BD911	BD911
BD663	2N6488	2N6488	BD743C	BD911	BD911
BD664	2N6491	2N6491	BD744	BD912	BD912
BD675	BD675	BD677	BD744A	BD912	BD912
BD675A	BD675A	BD677A	BD744B	BD912	BD912
BD676	BD676	BD678	BD744C	BD912	BD912
BD676A	BD676A	BD678A	BD745	TIP35A	TIP35B
BD677	BD677	BD677	BD745A	TIP35A	TIP35B
BD677A	BD677A	BD677A	BD745B	TIP35B	TIP35B
BD678	BD678	BD678	BD745C	TIP35C	TIP35C
BD678A	BD678A	BD678A	BD746	TIP36A	TIP36B
BD679	BD679	BD679	BD746A	TIP36A	TIP36B
BD679A	BD679A	BD679A	BD746B	TIP36B	TIP36B
BD680	BD680	BD680	BD746C	TIP36C	TIP36C

* Product in Development please contact your nearest Sales Office

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BD785	BD175	BD175	BD899	BDW93B	BDW93B
BD786	BD176	BD176	BD899A	BDW94B	BDW94B
BD787	MJE181	MJE182	BD900	BDW94B	BDW94B
BD788	MJE171	MJE172	BD900A	BDW94B	BDW94B
BD789	BD179	BD179	BD901	BDW94C	BDW94C
BD795	BD707	BD707	BD902	BDW94C	BDW94C
BD796	BD708	BD708	BD905	BD905	BD909
BD797	BD707	BD707	BD906	BD906	BD908
BD798	BD708	BD708	BD907	BD907	BD909
BD799	BD709	BD709	BD908	BD908	BD908
BD800	BD710	BD710	BD908FI	BD908FI	BD908FI
BD801	BD711	BD711	BD909	BD909	BD909
BD802	BD712	BD712	BD910	BD910	BD910
BD805	BD907	BD909	BD911	BD911	BD911
BD806	BD908	BD908	BD912	BD912	BD912
BD807	BD907	BD909	BD933	BD239	BD239B
BD808	BD908	BD908	BD934	BD242	BD242B
BD809	BD909	BD909	BD935	BD239A	BD239B
BD810	BD910	BD910	BD936	BD240A	BD240B
BD815	MJE182	MJE182	BD937	BD239B	BD239B
BD816	MJE172	MJE172	BD937F	BD241BFI (*)	
BD825	MJE181	MJE182	BD938	BD240B	BD240B
BD826	MJE171	MJE172	BD938F	BD242BFI (*)	
BD828	MJE172	MJE172	BD939	BD239C	BD239C
BD834	MJE171	MJE172	BD939F	BD241CFI (*)	
BD835	MJE181	MJE182	BD940	BD240C	BD240C
BD836	MJE171	MJE172	BD943	BD533	BD533
BD837	BD179	BD179	BD943F	BD533FI	BD533FI
BD861	BD677	BD677	BD944	BD534	BD534
BD862	BD678	BD678	BD944F	BD944FI	BD534FI
BD863	BD677	BD677	BD945	BD533	BD533
BD864	BD678	BD678	BD945/T	BD435	BD435
BD865	BD679	BD679	BD946	BD946 (*)	
BD866	BD680	BD680	BD946F	BD534FI	BD534FI
BD875	BD675	BD677	BD947	BD533	BD533
BD876	BD676	BD678	BD948	BD534	BD534
BD877	BD677	BD677	BD949	BD241A	BD241A
BD878	BD678	BD678	BD950	BD536	BD536
BD879	BD679	BD679	BD951	BD241B	BD241B
BD880	BD680	BD680	BD952	BD242B	BD242B
BD895	BDW93	BDW93B	BD953	BD241C	BD241C
BD895A	BDW93	BDW93B	BD954	BD242C	BD242C
BD896	BDW94	BDW94B	BDT20	BDT20	BDT20
BD896A	BDW94	BDW94B	BDT20/T	BDX54E	BDX54F
BD897	BDW93A	BDW93B	BDT21	BDX53E	BDX53F
BD897A	BDW93A	BDW93B	BDT29	TIP29	TIP29A
BD898	BDW94A	BDW94B	BDT29A	TIP29A	TIP29A
BD898A	BDW94A	BDW94B	BDT29B	TIP29B	TIP29B

* Product in Development please contact your nearest Sales Office

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BDT29C	TIP29C	TIP29C	BDT64C	TIP147T	TIP147T
BDT30	TIP30	TIP30A	BDT65	TIP140T	TIP142T
BDT30A	TIP30A	TIP30A	BDT65A	TIP141T	TIP142T
BDT30AF	TIP32API	TIP32API	BDT65B	TIP142T	TIP142T
BDT30B	TIP30B	TIP30B	BDT65C	TIP142T	TIP142T
BDT30C	TIP30C	TIP30C	BDT85	BD911	BD911
BDT30DF	TIP32CPI	TIP32CPI	BDT86	BD912	BD912
BDT31	TIP31	TIP31A	BDT91	BD907	BD909
BDT31A	TIP31A	TIP31A	BDT92	BD908	BD908
BDT31B	TIP31B	TIP31B	BDT93	BD909	BD909
BDT31C	TIP31C	TIP31C	BDT94	BD910	BD910
BDT32	TIP32	TIP32A	BDT95	BD911	BD911
BDT32A	TIP32A	TIP32A	BDT96	BD912	BD912
BDT32AF	TIP32API	TIP32API	BDV64	BDV64	TIP146
BDT32B	TIP32B	TIP32B	BDV64A	BDV64A	TIP146
BDT32C	TIP32C	TIP32C	BDV64B	BDV64B	TIP147
BDT32CF	TIP32CPI	TIP32CPI	BDV64C	BDV64B	TIP147
BDT41	TIP41	TIP41A	BDV65	BDV65	TIP141
BDT41A	TIP41A	TIP41A	BDV65A	BDV65A	TIP141
BDT41B	TIP41B	TIP41B	BDV65B	BDV65B	TIP142
BDT41C	TIP41C	TIP41C	BDV65C	BDV65B	TIP142
BDT42	TIP42	TIP42A	BDV66A	BDW84B	BDW84C
BDT42A	TIP42A	TIP42A	BDV66B	BDW84C	BDW84C
BDT42B	TIP42B	TIP42B	BDV67	BDW83A	BDW83C
BDT42C	TIP42C	TIP42C	BDV67A	BDW83B	BDW83C
BDT60	TIP125	TIP125	BDV67B	BDW83C	BDW83C
BDT60A	TIP126	TIP126	BDV91	TIP33A	TIP33A
BDT60B	TIP127	TIP127	BDV92	TIP34A	TIP34A
BDT60C	BDX54E	BDX54F	BDV93	TIP33B	TIP33C
BDT60F	BDX54BFI (*)	BDW94BFI	BDV94	TIP34B	TIP34C
BDT61	TIP120	TIP120	BDV95	TIP33C	TIP33C
BDT61A	TIP121	TIP121	BDV96	TIP34C	TIP34C
BDT61B	TIP122	TIP122	BDW21	BDW51	BDW51C
BDT61C	BDX53C	BDX53C	BDW21A	BDW51A	BDW51C
BDT61F	BDX53BFI	BDX53BFI	BDW21B	BDW51B	BDW51C
BDT62	BDW94A	BDW94B	BDW21C	BDW51C	BDW51C
BDT62A	BDW94B	BDW94B	BDW22	BDW52	BDW52C
BDT62B	BDW94C	BDW94C	BDW22A	BDW52A	BDW52C
BDT62C	BDW94DFI (*)		BDW22B	BDW52B	BDW52C
BDT63	BDW93A	BDW93B	BDW22C	BDW52C	BDW52C
BDT63A	BDW93B	BDW93B	BDW23	BDW23	BDX53B
BDT63B	BDW93C	BDW93C	BDW23A	BDW23A	BDX53E
BDT63C	BDW93C	BDW93C	BDW23B	BDW23B	BDX53B
BDT63CF	BDW93DFI (*)		BDW23C	BDW23C	BDX53C
BDT64	TIP146T	TIP146T	BDW24	BDW24	BDX54B
BDT64A	TIP146T	TIP146T	BDW24A	BDW24A	BDX54B
BDT64AF	TIP146TPI	TIP146TPI	BDW24B	BDW24B	BDX54B
BDT64B	TIP147T	TIP147T	BDW24C	BDW24C	BDX54C

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BDW39	TIP140T	TIP142T	BDW74C	BDW94C	BDW94C
BDW40	TIP140T	TIP142T	BDW74D	BDW94C	BDW94C
BDW41	TIP141T	TIP142T	BDW83	BDW83	BDW83C
BDW42	TIP142T	TIP142T	BDW83A	BDW83A	BDW83C
BDW43	TIP142T	TIP142T	BDW83B	BDW83B	BDW83C
BDW44	TIP145T (*)	TIP142T	BDW83C	BDW83C	BDW83C
BDW45	TIP145T (*)		BDW84	BDW84	BDW84C
BDW46	TIP146T	TIP146T	BDW84A	BDW84A	BDW84C
BDW47	TIP147T	TIP147T	BDW84B	BDW84B	BDW84C
BDW48	TIP147T	TIP147T	BDW84C	BDW84C	BDW84C
BDW51	BDW51	BDW51C	BDW91	BDW91	BDW91
BDW51A	BDW51A	BDW51C	BDW92	BDW92	BDW92
BDW51B	BDW51B	BDW51C	BDW93	BDW93	BDW93B
BDW51C	BDW51C	BDW51C	BDW93A	BDW93A	BDW93B
BDW52	BDW52	BDW52C	BDW93AFI	BDW93AFI	BDW93CFI
BDW52A	BDW52A	BDW52C	BDW93B	BDW93B	BDW93B
BDW52B	BDW52B	BDW52C	BDW93BFI	BDW93BFI	BDW93CFI
BDW52C	BDW52C	BDW52C	BDW93C	BDW93C	BDW93C
BDW53	TIP120	TIP120	BDW93CFI	BDW93CFI	BDW93CFI
BDW53A	TIP120	TIP120	BDW93DFI	BDW93DFI (*)	
BDW53B	TIP121	TIP121	BDW93FI	BDW93FI	BDW93CFI
BDW53C	BDW53C	BDW53C	BDW94	BDW94	BDW94B
BDW53D	BDX53C	BDX53C	BDW94A	BDW94A	BDW94B
BDW54	TIP125	TIP125	BDW94AFI	BDW94AFI	BDW94BFI
BDW54A	TIP125	TIP125	BDW94B	BDW94B	BDW94B
BDW54B	TIP126	TIP126	BDW94BFI	BDW94BFI	BDW94BFI
BDW54C	BDW54C	BDW54C	BDW94C	BDW94C	BDW94C
BDW54D	BDX54C	BDX54C	BDW94CFI	BDW94CFI	BDW94CFI
BDW55	BD135	BD135	BDW94DFI	BDW94DFI (*)	
BDW57	BD137	BD137	BDW94FI	BDW94FI	BDW94BFI
BDW58	BD138	BD138	BDX13	BDW51A	BDW51C
BDW63	BDX53	BDX53B	BDX18	BDX18	BDX18
BDW63A	BDX53A	BDX53B	BDX33	BDX33	BDX33B
BDW63B	BDX53B	BDX53B	BDX33A	BDX33A	BDX33B
BDW63C	BDX53C	BDX53C	BDX33B	BDX33B	BDX33B
BDW63D	BDX53C	BDX53C	BDX33C	BDX33C	BDX33C
BDW64	BDX54	BDX54B	BDX33D	BDX33C	BDX33C
BDW64A	BDX54A	BDX54B	BDX34	BDX34	BDX34B
BDW64B	BDX54B	BDX54B	BDX34A	BDX34A	BDX34B
BDW64C	BDX54C	BDX54C	BDX34B	BDX34B	BDX34B
BDW73	BDW93	BDW93B	BDX34C	BDX34C	BDX34C
BDW73A	BDW93A	BDW93B	BDX34D	BDX34C	BDX34C
BDW73B	BDW93B	BDW93B	BDX35	TIP42C	TIP42C
BDW73C	BDW93C	BDW93C	BDX42	BD677	BD677
BDW73D	BDX33C	BDX33C	BDX43	BD679	BD679
BDW74	BDW94	BDW94B	BDX44	BD681	BD681
BDW74A	BDW94A	BDW94B	BDX45	BD678	BD678
BDW74B	BDW94B	BDW94B	BDX46	BD680	BD680

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BDX47	BD682	BD682	BDX72	2N6488	2N6488
BDX53	BDX53	BDX53B	BDX73	2N6488	2N6488
BDX53A	BDX53A	BDX53B	BDX74	2N6487	2N6487
BDX53AFI	BDX53AFI (*)		BDX75	2N6487	2N6487
BDX53B	BDX53B	BDX53B	BDX77	BD709	BD709
BDX53BFI	BDX53BFI	BDX53BFI	BDX78	BD710	BD710
BDX53C	BDX53C	BDX53C	BDX83	BDX87	BDX87B
BDX53CFI	BDX53CFI (*)	BDX53CFI	BDX83A	BDX87A	BDX87B
BDX53D	BDX53C	BDX53C	BDX83B	BDX87B	BDX87B
BDX53E	BDX53E	BDX53F	BDX83C	BDX87C	BDX87C
BDX53F	BDX53F	BDX53F	BDX84	BDX88	BDX88B
BDX54	BDX54	BDX54B	BDX84A	BDX88A	BDX88B
BDX54A	BDX54A	BDX54B	BDX84B	BDX88B	BDX88B
BDX54B	BDX54B	BDX54B	BDX84C	BDX88C	BDX88C
BDX54BFI	BDX54BFI (*)	BDX54BFI	BDX85	BDX85	BDX87B
BDX54C	BDX54C	BDX54C	BDX85A	BDX85A	BDX87B
BDX54D	BDX54C	BDX54C	BDX85B	BDX85B	BDX87B
BDX54E	BDX54E	BDX54F	BDX85C	BDX85C	BDX87C
BDX54F	BDX54F	BDX54F	BDX86	BDX86	BDX88B
BDX54S	BDX54S	BDX54S	BDX86A	BDX86A	BDX88B
BDX62	BDX86A	BDX88B	BDX86B	BDX86B	BDX88B
BDX62A	BDX86B	BDX88B	BDX86C	BDX86C	BDX88C
BDX62B	BDX86C	BDX88C	BDX87	BDX87	BDX87B
BDX63	BDX85A	BDX87B	BDX87A	BDX87A	BDX87B
BDX63A	BDX85B	BDX87B	BDX87B	BDX87B	BDX87B
BDX63B	BDX85C	BDX87C	BDX87C	BDX87C	BDX87C
BDX64	BDX88A	BDX88B	BDX88	BDX88	BDX88B
BDX64A	BDX88B	BDX88B	BDX88A	BDX88A	BDX88B
BDX64B	BDX88C	BDX88C	BDX88B	BDX88B	BDX88B
BDX65	BDX87A	BDX87B	BDX88C	BDX88C	BDX88C
BDX65A	BDX87B	BDX87B	BDX91	BDW51A	BDW51C
BDX65B	BDX87C	BDX87C	BDX92	BDW52A	BDW52C
BDX66	MJ2500	MJ2500	BDX93	BDW51B	BDW51C
BDX66A	MJ2501	MJ2501	BDX94	BDW52B	BDW52C
BDX66B	MJ4032	MJ4032	BDX95	BDW51C	BDW51C
BDX67	MJ3000	MJ3000	BDX96	BDW52C	BDW52C
BDX67A	MJ3001	MJ3001	BDY29	2N5303	2N5886
BDX67B	MJ4035	MJ4035	BDY34	MJE181	MJE182
BDX68	MJ11011	MJ11013	BDY53	BDY57	BDY58
BDX68A	MJ11013	MJ11013	BDY54	BDY58	BDY58
BDX68B	MJ11015	MJ11015	BDY55	BDY57	BDY58
BDX68C	MJ11015	MJ11015	BDY56	BDY58	BDY58
BDX69	MJ11012	MJ11014	BDY57	BDY57	BDY58
BDX69A	MJ11014	MJ11014	BDY58	BDY58	BDY58
BDX69B	MJ11016	MJ11016	BDY76	2N3772	2N3772
BDX69C	MJ11016	MJ11016	BDY80	BD241	BD241A
BDX70	2N6487	2N6487	BDY81	BD241A	BD241A
BDX71	2N6487	2N6487	BDY82	BD242	BD242A

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BDY83	BD242A	BD242A	BU406	BU406	BU406
BDY90	BDY90	BDY90	BU406D	BU406D	BU406D
BDY90P	BDY90P	BDY90P	BU407	BU407	BU407
BDY91	BDY91	BDY90	BU407D	BU407D	BU407D
BDY92	BDY92	BDY90	BU407FI	BU407FI	BU407FI
BDY93	BU326	BU326A	BU408	BU408	BU406
BDY94	BU326	BU326A	BU409	BU409	BU407
BDY95	BU326	BU326A	BU426	BU426	BU426A
BDY96	BUX47	BUX47	BU426A	BU426A	BU426A
BDY96-1	BUX48	BUX48	BU433	BUV48	BUV48A
BDY97	BUX48	BUX48	BU500	BU208A	BU208A
BDY97-1	BUX48	BUX48	BU505	BU505	BU505
BFX34	BFX34	BFX34	BU508	BU508	BU508A
BFX34S	BFX34S	BFX34	BU508A	BU508A	BU508A
BSS44	BSS44	BSS44	BU508AFI	BU508AFI	BU508AFI
BSW67	BSW67	BSW68	BU508AT	BU508AT	BU508AT
BSW68	BSW68	BSW68	BU508AXI	BU508AXI	BU508AXI
BU104DP	BU104DP	BU406D	BU508D	BU508D	BU508D
BU104P	BU406	BU406	BU508DFI	BU508DFI	BU508DFI
BU105	BU208A	BU208A	BU508DXI	BU508DXI	BU508DXI
BU108	BU208A	BU208A	BU508FI	BU508FI	BU508AFI
BU109DP	BU407D	BU407D	BU724AS	BU724AS	BU724AS
BU109P	BU407	BU407	BU801	BU801	BU801
BU111	BUW24	BUV326A	BU806	BU806	BU806
BU125	BU125	BU125S	BU806FI	BU806FI	BU806FI
BU125S	BU125S	BU125S	BU807	BU807	BU807
BU126	BU326	BU326A	BU807FI	BU807FI	BU806FI
BU126A	BUW34	BUW34	BU808	BU208A	BU208A
BU133	BU326	BU326A	BU808DFI	BU808DFI	BU808DFI
BU134	BU326	BU326A	BU808DXI	BU808DXI	BU808DXI
BU137	BUY69A	BUY69A	BU810	BU810	BU810
BU157	BU208A	BU208A	BU900DT	BU900DT	BU900DT
BU204	BU208A	BU208A	BU910	BU910	BU911
BU205	BU205	BU208	BU911	BU911	BU911
BU205A	BU208A	BU208A	BU912	BU912	BU912
BU207	BU208A	BU208A	BU921	BU921	BU921
BU208	BU208	BU208	BU921P	BU921P	BU921P
BU208A	BU208A	BU208A	BU921T	BU921T	BU921T
BU208D	BU208D	BU208D	BU922T	BU922T	BU921T
BU322	BU323A	BU932R	BU930Z	BU931Z	BU931Z
BU322A	BU323A	BU932R	BU930ZP	BU931ZP	BU931ZP
BU323	BU931R	BU931R	BU931	BU931R	BU931R
BU323A	BU932R	BU932R	BU931P	BU931RP	BU931RP
BU325	BU325	BUY49P	BU931R	BU931R	BU931R
BU326	BU326	BU326A	BU931RP	BU931RP	BU931RP
BU326A	BU326A	BU326A	BU931RPFI	BU931RPFI	BU931RPFI
BU326S	BU326S	BU326A	BU931Z	BU931Z	BU931Z
BU361	BUW35	BUW36	BU931ZP	BU931ZP	BU931ZP

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BU931ZPFI	BU931ZPFI	BU931ZPFI	BUL48	BUL48	BUL48
BU931ZT	BU931ZT	BU931ZT	BUL57	BUL57	BUL57
BU931ZTFI	BU931ZTFI	BU931ZTFI	BUL57PI	BUL57PI	BUL57PI
BU932	BU932R	BU932R	BUL67	BUL67	BUL67
BU932P	BU932RP	BU932RP	BUL87	BUL87	BUL87
BU932R	BU932R	BU932R	BUL146	BUL57	BUL57
BU932RP	BU932RP	BU932RP	BUL146F	BUL57PI	BUL57PI
BU932RPFI	BU932RPFI	BU932RPFI	BUL147	BUL67	BUL67
BU999	BU999	BUX10P	BUL213	BUL213	BUL213
BUD48	BUD48	BUD48	BUL216	BUL216	BUL216
BUD48A	BUD48A	BUD48A	BUL381	BUL381	BUL381
BUF298AV	BUF298AV	BUV298AV	BUL382	BUL382	BUL382
BUF405	BUF405	BUF405	BUL410	BUL410	BUL410
BUF405A	BUF405A	BUF405A	BUL416	BUL416	BUL416
BUF405AFI	BUF405AFI	BUF405AFI	BUL510	BUL510	BUL510
BUF405AXI	BUF405AXI	BUF405AXI	BUL810	BUL810	BUL810
BUF405FI	BUF405FI	BUF405FI	BULK26	BULK26	BULK26
BUF410	BUF410	BUF410	BULK38D	BULK38D	BULK38D
BUF410A	BUF410A	BUF410A	BULK381	BULK381	BULK381
BUF410AFI	BUF410AFI	BUF410AFI	BULK382	BULK382	BULK382
BUF410AI	BUF410AI	BUF410AI	BUR20	BUR20	BUV20
BUF410FI	BUF410FI	BUF410FI	BUR21	BUR21	BUV21
BUF410I	BUF410I	BUF410I	BUR22	BUR22	BUV22
BUF420	BUF420	BUF420	BUR24	BUR24	BUX98
BUF420A	BUF420A	BUF420A	BUR50	BUR50	BUR50
BUF420AI	BUF420AI	BUF420AI	BUR50S	BUR50S	BUR50S
BUF420I	BUF420I	BUF420I	BUR51	BUR51	BUR51
BUF420M	BUF420M	BUF420M	BUR52	BUR52	BUR52
BUF460AV	BUF460AV	BUF460AV	BUS11	BUL381/382	BUL381/382
BUF460V	BUF460V	BUF460V	BUS12	BUS12	BUX47
BUH313	BUH313	BUH313	BUS12A	BUS12A	BUX47A
BUH315	BUH315	BUH315	BUS13	BUS13	BUX48
BUH315D	BUH315D	BUH315D	BUS13A	BUX48A	BUX48A
BUH315DXI	BUH315DXI	BUH315DXI	BUS14A	BUS14A	BUX98A
BUH414XI	BUH414XI	BUH414XI	BUS46P	BUL381/382	BUL381/382
BUH415DXI	BUH415DXI	BUH415DXI	BUS47	BUX48	BUX48
BUH417	BUH417	BUH417	BUS47A	BUX48A	BUX48A
BUH515	BUH515	BUH515	BUS48	BUX48	BUX48
BUH515D	BUH515D	BUH515D	BUS48A	BUX48A	BUX48A
BUH515DXI	BUH515DXI	BUH515DXI	BUT11	BUT11	BUT11
BUH515XI	BUH515XI	BUH515XI	BUT11A	BUT11A	BUT11A
BUH517	BUH517	BUH517	BUT11AFI	BUT11AFI	BUT11AFI
BUH715	BUH715	BUH715	BUT11FI	BUT11FI	BUT11FI
BUH1015	BUH1015	BUH1015	BUT12A	BUT12A	BUT12A
BUH1215	BUH1215	BUH1215	BUT12AFI	BUT12AFI	BUT12AFI
BUL26	BUL26	BUL26	BUT13	BUT13	BUT13
BUL38D	BUL38D	BUL38D	BUT13P	BUT13P	BUT13P
BUL45	BUL381	BUL381	BUT14	BUT13	BUT13

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BUT30V	BUT30V	BUT30V	BUV48B	BUV48B	BUV48B
BUT32V	BUT32V	BUT32V	BUV48BFI	BUV48BFI	BUV48CFI
BUT70	BUT70	BUT70	BUV48C	BUV48C	BUV48C
BUT70I	BUT70I	BUT70I	BUV48CFI	BUV48CFI	BUV48CFI
BUT72	BUT72	BUT72	BUV48CI	BUV48CI	BUV48CFI
BUT72I	BUT72I	BUT72I	BUV48FI	BUV48FI	BUV48FI
BUT90	BUT90	BUT90	BUV48I	BUV48I	BUV48FI
BUT91	BUT91	BUT91	BUV50	BUV50	BUV50
BUT92	BUT92	BUT92A	BUV51	BUV51	BUV51
BUT92A	BUT92A	BUT92A	BUV52	BUV52	BUV52
BUT100	BUT100	BUT100	BUV52A	BUV52A	BUV52A
BUT102	BUT102	BUT102	BUV56	BUV56	BUV56
BUT230V	BUT230V	BUT230V	BUV60	BUV60	BUV60
BUT232V	BUT232V	BUT232V	BUV61	BUV61	BUV61
BUV18	BUV18	BUV18	BUV62	BUV62	BUV62
BUV18A	BUV18A	BUV18A	BUV98AF	BUV98AF	BUV98AF
BUV19	BUV19	BUV19	BUV98AV	BUV98AV	BUV98AV
BUV20	BUV20	BUV20	BUV98V	BUV98V	BUV98V
BUV21	BUV21	BUV21	BUV298AV	BUV298AV	BUV298AV
BUV21N	BUV21	BUV21	BUV298CV	BUV298CV	BUV298CV
BUV22	BUV22	BUV22	BUV298V	BUV298V	BUV298V
BUV23	BUV23	BUV23	BUW11A	BUW11A	BU426A
BUV24	BUV24	BUX98	BUW12	BUW12	BUW12A
BUV25	BUX98A	BUX98A	BUW12A	BUW12A	BUW12A
BUV26	BUV26	BUV26	BUW13A	BUW13A	BUV48A
BUV27	BUV27	BUV27	BUW22	BUW22P	BUW22P
BUV28	BUV28	BUV28	BUW22A	BUW22AP	BUW22AP
BUV39	BUV39	BUV39	BUW22AP	BUW22AP	BUW22AP
BUV40	BUV40	BUV40	BUW22P	BUW22P	BUW22P
BUV41	BUV41	BUV41	BUW24	BUW24	BU326A
BUV42	BUV42	BUV42	BUW25	BUW25	BUV326A
BUV42A	BUV42A	BUV42A	BUW26	BUW26	BU326A
BUV44	BUX48	BUX48	BUW32	BUW32	BUW32
BUV45	BUX48A	BUX48A	BUW32A	BUW32A	BUW32A
BUV46	BUV46	BUV46	BUW32AP	BUW32AP	BUW32AP
BUV46A	BUV46A	BUV46A	BUW32P	BUW32P	BUW32AP
BUV46AFI	BUV46AFI	BUV46AFI	BUW34	BUW34	BUW34
BUV46FI	BUV46FI	BUV46FI	BUW35	BUW35	BUW36
BUV47	BUV47	BUV47A	BUW36	BUW36	BUW36
BUV47A	BUV47A	BUV47A	BUW38	BUW38	BUW38
BUV47AFI	BUV47AFI	BUV47AFI	BUW39	BUW39	BUW39
BUV47AI	BUV47AI	BUV47AFI	BUW42	BUW42	BUW42A
BUV47FI	BUV47FI	BUV47AFI	BUW42A	BUW42A	BUW42A
BUV47I	BUV47I	BUV47AFI	BUW42AP	BUW42AP	BUW42AP
BUV48	BUV48	BUV48A	BUW44	BUX48	BUX48
BUV48A	BUV48A	BUV48A	BUW45	BUW45	BUW45
BUV48AFI	BUV48AFI	BUV48AFI	BUW46	BUW46	BUW46
BUV48AI	BUV48AI	BUV48AFI	BUW48	BUW48	BUW48

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
BUW49	BUW49	BUW49	BUX42	BUX42	BUV42
BUW50	BUW50	BUW50	BUX43	BUX48	BUX48
BUW51	BUW51	BUW51	BUX44	BUX44	BUY69A
BUW52I	BUW52I	BUW52I	BUX47	BUX47	BUX47
BUW57	BUX10	BUX10	BUX47A	BUX47A	BUX47A
BUW72	MJE13009	MJE13009	BUX48	BUX48	BUX48
BUW73	BUX11	BUX11	BUX48A	BUX48A	BUX48A
BUW74	BUX48	BUX48	BUX48C	BUX48C	BUX48C
BUW75	BUX48	BUX48	BUX48S	BUX48	BUX48
BUW76	BUX48	BUX48	BUX51	BUX51	BUX51
BUW77	BUX48	BUX48	BUX80	BUX80	BUX80
BUW84	MJE13003	MJE13003	BUX81	MJ13335	MJ13335
BUW85	MJE13003	MJE13003	BUX82	BUX48A	BUX48A
BUW89	BUW89	BUW89	BUX83	BUX48A	BUX48A
BUW90	BUW90	BUW90	BUX84	BUX84	BUV46
BUX10	BUX10	BUX10	BUX84A	BUX84A	BUX84A
BUX10P	BUX10P	BUX10P	BUX85	BUX85	BUT11A
BUX10S	BUX10	BUX10	BUX86	MJE13003	MJE13003
BUX11	BUX11	BUX11	BUX87	BUX87	BUX87
BUX11S	BUX11	BUX11	BUX98	BUX98	BUX98
BUX12	BUX12	BUX12	BUX98A	BUX98A	BUX98A
BUX13	BUX13	BUX48	BUX98AP	BUX98AP	BUX98AP
BUX14	BUX48	BUX48	BUX98C	BUX98C	BUX98C
BUX15	BUX48	BUX48	BUX98P	BUX98P	BUX98P
BUX16	BUV24	BUV326A	BUX98PI	BUX98PI	BUX98PI
BUX16A	BUW24	BUV326A	BUX348	BUX348	BUX348
BUX16B	BUW24	BUV326A	BUY18S	BUY18S	BUY18S
BUX16C	BUW24	BUV326A	BUY47	BUY47	BUY48
BUX17	BUX41N	BUX41N	BUY48	BUY48	BUY48
BUX17A	BUX42	BUY42	BUY49P	BUY49P	BUY49P
BUX17B	BUX48	BUX48	BUY49S	BUY49S	BUY49S
BUX17C	BUX48	BUX48	BUY69A	BUY69A	BUY69A
BUX18	BUX41	BUX41	BUY69B	BUY69B	BUY69A
BUX18A	BUX42	BUY42	BUY69C	BUY69C	BUY69A
BUX18B	BUW35	BUW36	D40C1	MJE800	MJE802
BUX18C	BUW35	BUW36	D40C2	MJE800	MJE802
BUX20	BUX20	BUX20	D40C4	MJE800	MJE802
BUX21	BUX21	BUX21	D40C5	MJE800	MJE802
BUX22	BUX22	BUX22	D40D1	MJE181	MJE182
BUX23	BUX23	BUX23	D40D10	MJE182	MJE182
BUX24	BUX24	BUX25	D40D11	MJE182	MJE182
BUX25	BUX25	BUX25	D40D13	MJE182	MJE182
BUX29	BU921	BU921	D40D14	MJE182	MJE182
BUX37	BU931R	BU931R	D40D2	MJE181	MJE182
BUX39	BUX39	BUV39	D40D3	MJE181	MJE182
BUX40	BUX40	BUX40	D40D4	MJE181	MJE182
BUX41	BUX41	BUX41	D40D5	MJE181	MJE182
BUX41N	BUX41N	BUX41N	D40D7	MJE181	MJE182

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
D40D8	MJE181	MJE182	D43C9	MJE171	MJE172
D40E1	MJE181	MJE182	D44C1	D44C1	D44C7
D40E5	MJE181	MJE182	D44C10	D44C10	D44C11
D40E7	MJE182	MJE182	D44C11	D44C11	D44C11
D40K1	MJE800	MJE802	D44C12	D44C12	D44C11
D40K2	MJE800	MJE802	D44C2	D44C2	D44C8
D40K3	MJE800	MJE802	D44C3	D44C3	D44C8
D40K4	MJE800	MJE802	D44C4	D44C4	D44C7
D40N1	MJE340	MJE340	D44C5	D44C5	D44C8
D40N2	MJE340	MJE340	D44C6	D44C6	D44C8
D40N3	MJE340	MJE340	D44C7	D44C7	D44C7
D40N4	MJE340	MJE340	D44C8	D44C8	D44C8
D40P5	MJE340	MJE340	D44C9	D44C9	D44C11
D41C2	D44H8	D44H8	D44D1	TIP101	TIP102
D41D1	2N4918	2N4918	D44D2	TIP101	TIP102
D41D10	2N4920	2N4920	D44H1	D44H1	D44H10
D41D11	2N4920	2N4920	D44H10	D44H10	D44H10
D41D13	2N4920	2N4920	D44H11	D44H11	D44H11
D41D14	2N4920	2N4920	D44H2	D44H2	D44H8
D41D2	2N4918	2N4918	D44H4	D44H4	D44H10
D41D4	2N4919	2N4919	D44H5	D44H5	D44H8
D41D5	2N4919	2N4919	D44H7	D44H7	D44H10
D41D7	2N4919	2N4919	D44H8	D44H8	D44H8
D41D8	2N4919	2N4919	D44Q1	D44Q1	D44Q5
D41E1	2N4918	2N4918	D44Q3	D44Q3	D44Q5
D41E5	2N4919	2N4919	D44Q5	D44Q5	D44Q5
D41E7	2N4920	2N4920	D44R1	TIP47	TIP47
D41K1	MJE700	MJE703	D44R2	TIP47	TIP47
D41K2	MJE700	MJE703	D44R3	TIP48	TIP48
D41K3	MJE700	MJE703	D44R4	TIP48	TIP48
D41K4	MJE700	MJE703	D44R5	TIP47	TIP47
D42C1	MJE181	MJE182	D44R6	TIP48	TIP48
D42C2	MJE181	MJE182	D44TD3	BUL381/382	BUL381/382
D42C3	MJE181	MJE182	D44TD4	BUL381/382	BUL381/382
D42C4	MJE171	MJE172	D44TD5	BUL381/382	BUL381/382
D42C5	MJE171	MJE172	D44TE3	BUL381/382	BUL381/382
D42C6	MJE171	MJE172	D44TE4	BUL381/382	BUL381/382
D42C7	MJE171	MJE172	D44TE5	BUL381/382	BUL381/382
D42C8	MJE171	MJE172	D45E1	TIP125	TIP125
D42C9	MJE171	MJE172	D45E2	TIP126	TIP126
D43C1	MJE181	MJE182	D45E3	TIP126	TIP126
D43C2	MJE181	MJE182	D45H1	D45H1	D44H5
D43C3	MJE181	MJE182	D45H10	D45H10	D45H8
D43C4	MJE171	MJE172	D45H2	D45H2	D44H5
D43C5	MJE171	MJE172	D45H4	D45H4	D44H5
D43C6	MJE171	MJE172	D45H5	D45H5	D45H5
D43C7	MJE171	MJE172	D45H7	D45H7	D45H8
D43C8	MJE171	MJE172	D45H8	D45H8	D45H8

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
D56W1	BU208A	BU208A	KSD882	MJE181	MJE182
D56W2	BU208A	BU208A	KSD985	MJE803	MJE803
D56W3	BU208A	BU208A	KSD986	MJE803	MJE803
D56W4	BU208A	BU208A	MDS20	2N5657	2N5657
ESM2012DV	ESM2012DV	ESM2012DV	MDS21	2N5657	2N5657
ESM2030DV	ESM2030DV	ESM2030DV	MDS27	MJE181	MJE182
ESM3030DV	ESM3030DV	ESM3030DV	MDS60	MJE350	MJE350
ESM3045AV	ESM3045AV	ESM3045AV	MDS73	MJE171	MJE172
ESM3045DV	ESM3045DV	ESM3045DV	MDS74	MJE172	MJE172
ESM4045AV	ESM4045AV	ESM4045AV	MDS76	MJE181	MJE182
ESM4045DV	ESM4045DV	ESM4045DV	MDS77	MJE171	MJE172
ESM5045DV	ESM5045DV	ESM5045DV	MDS1678	MJE181	MJE182
ESM6045AV	ESM6045AV	ESM6045AV	ME494	2N5195	2N5195
ESM6045DV	ESM6045DV	ESM6045DV	ME2901T	MJE2955T	MJE2955T
ESM7545DV	ESM7545DV	ESM6045DV	MJ105	BU208A	BU208A
GE5060	MJ10004	MJ10004	MJ205	BU208A	BU208A
GE5061	MJ10004	MJ10004	MJ424	BUW35	BUW36
GE5062	MJ10005	MJ10005	MJ425	BUW35	BUW36
GE6251	MJ10005	MJ10005	MJ480	2N3055	2N3055
GE6252	MJ10005	MJ10005	MJ481	2N3055	2N3055
GE6253	MJ10005	MJ10005	MJ490	2N3792	2N3792
KSA1614	TIP42B	TIP42B	MJ491	2N3792	2N3792
KSA1220A	MJE350	MJE350	MJ701	BU208A	BU208A
KSB596	TIP32B	TIP32B	MJ702	BU208A	BU208A
KSB601	BDX34C	BDX34C	MJ704	BU208A	BU208A
KSB744	MJE171	MJE172	MJ721	BU208A	BU208A
KSB744A	MJE171	MJE172	MJ723	BU208A	BU208A
KSB772	MJE171	MJE172	MJ802	MJ802	MJ802
KSB794	MJE703	MJE703	MJ804	BU208A	BU208A
KSB795	MJE703	MJE703	MJ900	MJ900	MJ900
KSB834	TIP32B	TIP32B	MJ901	MJ901	MJ901
KSC1520	MJE3439	2N5657	MJ1000	MJ1000	MJ1000
KSC2233	TIP41C	TIP41C	MJ1001	MJ1001	MJ3001
KSC2335	MJE13007	MJE13007	MJ2267	TIP2955	TIP2955
KSC2517	TIP41C	TIP41C	MJ2268	MJ2955	MJ2955
KSC2688	MJE3439	2N5657	MJ2300	MJE182	MJE182
KSC2690	MJE340	MJE340	MJ2500	MJ2500	MJ2500
KSC2690A	MJE340	MJE340	MJ2501	MJ2501	MJ2501
KSD73	D44H8	D44H8	MJ2801	2N3055	2N3055
KSD288	TIP41B	TIP41B	MJ2855	MJ2955	MJ2955
KSD362	D44H11	D44H11	MJ2901	TIP2955	TIP2955
KSD526	TIP31B	TIP31C	MJ2955	MJ2955	MJ2955
KSD560	BDX33C	BDX33C	MJ3000	MJ3000	MJ3000
KSD568	D44H11	D44H11	MJ3001	MJ3001	MJ3001
KSD569	D44H11	D44H11	MJ3029	BUW24	BUV326A
KSD794	MJE181	MJE182	MJ3030	BUW25	BUV326A
KSD794A	MJE181	MJE182	MJ3042	BU931R	BU931R
KSD880	TIP31B	TIP31C	MJ3055	2N3055	2N3055

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
MJ4030	MJ4030	MJ4031	MJ13335	MJ13335	MJ13335
MJ4031	MJ4031	MJ4031	MJ14000	MJ14000	MJ14002
MJ4032	MJ4032	MJ4032	MJ14001	MJ14001	MJ14003
MJ4033	MJ4033	MJ4034	MJ14002	MJ14002	MJ14002
MJ4034	MJ4034	MJ4034	MJ14003	MJ14003	MJ14003
MJ4035	MJ4035	MJ4035	MJ15001	2N5672	2N5671
MJ4247	BUX41	BUX41	MJ15011	BUX41	BUX41
MJ4248	BUX41	BUX41	MJ15015	2N3055	2N3055
MJ4360	MJE13003	MJE13003	MJ15016	TIP2955	TIP2955
MJ4380	MJE13005	MJE13005	MJ15022	BUV52	BUV52
MJ4401	MJE13005	MJE13005	MJ16018	BU208A	BU208A
MJ4502	MJ4502	MJ4502	MJE29	TIP31B	TIP31C
MJ8500	BU208A	BU208A	MJE29A	TIP31B	TIP31C
MJ8501	BU208A	BU208A	MJE29B	TIP31B	TIP31C
MJ8502	BU208A	BU208A	MJE29C	TIP31C	TIP31C
MJ8503	BU208A	BU208A	MJE30	TIP32B	TIP32B
MJ8504	BU208A	BU208A	MJE30A	TIP32B	TIP32B
MJ10000	MJ10004	MJ10004	MJE30B	TIP32B	TIP32B
MJ10001	MJ10005	MJ10005	MJE30C	TIP32C	TIP32C
MJ10003	BU921P	BU921P	MJE31	TIP31B	TIP31C
MJ10004	MJ10004	MJ10004	MJE31A	TIP31B	TIP31C
MJ10004P	MJ10004P	BUT13P	MJE31B	TIP31B	TIP31C
MJ10005	MJ10005	MJ10005	MJE31C	TIP31C	TIP31C
MJ10005P	MJ10005P	BUT13P	MJE32	TIP32B	TIP32B
MJ10012	BU931R	BU931R	MJE32A	TIP32B	TIP32B
MJ11011	MJ11011	MJ11013	MJE32B	TIP32B	TIP32B
MJ11012	MJ11012	MJ11014	MJE32C	TIP32C	TIP32C
MJ11013	MJ11013	MJ11013	MJE33	TIP41B	TIP41B
MJ11014	MJ11014	MJ11014	MJE33A	TIP41B	TIP41B
MJ11015	MJ11015	MJ11015	MJE33B	TIP41B	TIP41B
MJ11016	MJ11016	MJ11016	MJE33C	TIP41C	TIP41C
MJ11028	MJ11028	MJ11030	MJE34	TIP42B	TIP42B
MJ11029	MJ11029	MJ11031	MJE34A	TIP42B	TIP42B
MJ11030	MJ11030	MJ11030	MJE34B	TIP42B	TIP42B
MJ11031	MJ11031	MJ11031	MJE34C	TIP42C	TIP42C
MJ12002	BU208A	BU208A	MJE41	TIP41B	TIP41B
MJ12003	BU208A	BU208A	MJE41A	TIP41B	TIP41B
MJ12004	BU208A	BU208A	MJE41B	TIP41B	TIP41B
MJ13010	2N6547	2N6547	MJE41C	TIP41C	TIP41C
MJ13014	BUW34	BUW34	MJE42	TIP42B	TIP42B
MJ13015	BUW34	BUW34	MJE42A	TIP42B	TIP42B
MJ13018	BUV23	BUV23	MJE42B	TIP42B	TIP42B
MJ13019	BUV23	BUV23	MJE42C	TIP42C	TIP42C
MJ13330	BUX41	BUX41	MJE47	TIP47	TIP47
MJ13331	BUX42	BUV42	MJE48	TIP48	TIP48
MJ13332	BUV23	BUV23	MJE49	TIP49	TIP49
MJ13333	BUV24	BUX98	MJE53	MJE13005	MJE13005
MJ13334	BUV24	BUX98	MJE53T	MJE13005	MJE13005

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
MJE101	MJE2955T	MJE2955T	MJE521K	TIP31B	TIP31C
MJE102	MJE2955T	MJE2955T	MJE700	MJE700	MJE703
MJE103	MJE2955T	MJE2955T	MJE700T	TIP115	TIP115
MJE104	MJE2955T	MJE2955T	MJE701	MJE701	MJE703
MJE105	TIP42B	TIP42B	MJE701T	MJE703	MJE703
MJE170	MJE170	MJE172	MJE702	MJE702	MJE703
MJE171	MJE171	MJE172	MJE702T	TIP126	TIP126
MJE172	MJE172	MJE172	MJE703	MJE703	MJE703
MJE180	MJE180	MJE180	MJE703T	TIP126	TIP126
MJE181	MJE181	MJE182	MJE710	2N4918	2N4918
MJE182	MJE182	MJE182	MJE711	2N4919	2N4919
MJE200	MJE200	MJE200	MJE712	2N4920	2N4920
MJE201	MJE3055T	MJE3055T	MJE720	2N4921	2N4922
MJE202	MJE3055T	MJE3055T	MJE721	2N4923	2N4923
MJE203	MJE3055T	MJE3055T	MJE722	2N4923	2N4923
MJE204	MJE3055T	MJE3055T	MJE800	MJE800	MJE802
MJE205	MJE3055T	MJE3055T	MJE800T	TIP110	TIP110
MJE210	MJE210	MJE210	MJE801	MJE801	MJE803
MJE220	MJE181	MJE182	MJE801T	TIP120	TIP120
MJE221	MJE181	MJE182	MJE802	MJE802	MJE802
MJE222	MJE181	MJE182	MJE802T	TIP121	TIP121
MJE223	MJE182	MJE182	MJE803	MJE803	MJE803
MJE224	MJE182	MJE182	MJE803T	TIP121	TIP121
MJE225	MJE182	MJE182	MJE1090	TIP106	TIP106
MJE230	MJE171	MJE172	MJE1091	TIP107	TIP107
MJE231	MJE171	MJE172	MJE1092	TIP106	TIP106
MJE232	MJE171	MJE172	MJE1093	TIP107	TIP107
MJE233	MJE172	MJE172	MJE1100	TIP101	TIP102
MJE234	MJE172	MJE172	MJE1101	TIP101	TIP102
MJE270	MJE182	MJE182	MJE1102	TIP102	TIP102
MJE340	MJE340	MJE340	MJE1103	TIP102	TIP102
MJE340K	TIP48	TIP48	MJE1290	2N6491	2N6491
MJE341K	TIP47	TIP47	MJE1291	2N6491	2N6491
MJE345	MJE3439	2N5657	MJE1660	2N6487	2N6487
MJE350	MJE350	MJE350	MJE1661	2N6487	2N6487
MJE370	MJE370	MJE371	MJE2010	TIP42B	TIP42B
MJE370K	TIP32B	TIP32B	MJE2011	TIP42B	TIP42B
MJE371	MJE371	MJE371	MJE2020	TIP41B	TIP41B
MJE371K	TIP32B	TIP32B	MJE2021	TIP41B	TIP41B
MJE482	2N5191	2N5191	MJE2050	MJE200	MJE200
MJE483	2N5191	2N5191	MJE2055	MJE3055T	MJE3055T
MJE484	2N5192	2N5192	MJE205K	TIP41B	TIP41B
MJE488	2N5191	2N5191	MJE2090	TIP125	TIP125
MJE492	2N5194	2N5194	MJE2091	TIP125	TIP125
MJE493	2N5194	2N5194	MJE2092	TIP126	TIP126
MJE520	MJE520	MJE521	MJE2093	TIP126	TIP126
MJE520K	TIP31B	TIP31C	MJE2100	TIP120	TIP120
MJE521	MJE521	MJE521	MJE2101	TIP120	TIP120

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
MJE2102	TIP121	TIP121	MJE5191	TIP31B	TIP31C
MJE2103	TIP121	TIP121	MJE5192	TIP31B	TIP31C
MJE2150	MJE210	MJE210	MJE5194	TIP32B	TIP32B
MJE2160	TIP48	TIP48	MJE5195	TIP32C	TIP32C
MJE2370	TIP32B	TIP32B	MJE5220	D44H10	D44H10
MJE2371	TIP32B	TIP32B	MJE5221	D44H10	D44H10
MJE2482	TIP31B	TIP31C	MJE5230	D45H10	D45H8
MJE2483	TIP31B	TIP31C	MJE5231	D45H10	D45H8
MJE2490	TIP32B	TIP32B	MJE5655	TIP47	TIP47
MJE2491	TIP32B	TIP32B	MJE5656	TIP48	TIP48
MJE2520	TIP31B	TIP31C	MJE5657	TIP49	TIP49
MJE2521	TIP31B	TIP31C	MJE5852	MJE5852	MJE5852
MJE2522	TIP31B	TIP31C	MJE5960	2N6490	2N6490
MJE2523	TIP31B	TIP31C	MJE5974	TIP42B	TIP42B
MJE2801	TIP3055	TIP3055	MJE5975	TIP42B	TIP42B
MJE2801K	MJE3055T	MJE3055T	MJE5976	TIP42B	TIP42B
MJE2801T	MJE3055T	MJE3055T	MJE5977	TIP42B	TIP42B
MJE2901	MJE2955T	MJE2955T	MJE5978	TIP41B	TIP41B
MJE2901K	MJE2955T	MJE2955T	MJE5979	TIP41B	TIP41B
MJE2955	MJE2955T	MJE2955T	MJE5980	2N6490	2N6490
MJE2955K	MJE2955T	MJE2955T	MJE5981	2N6490	2N6490
MJE2955T	MJE2955T	MJE2955T	MJE5982	2N6491	2N6491
MJE3055	TIP3055	TIP3055	MJE5983	2N6487	2N6487
MJE3055K	MJE3055T	MJE3055T	MJE5984	2N6487	2N6487
MJE3055T	MJE3055T	MJE3055T	MJE5985	2N6488	2N6488
MJE3300	2N6038	2N6039	MJE6045	2N6045	TIP102
MJE3301	2N6038	2N6039	MJE8502	BU508A	BU508A
MJE3302	2N6039	2N6039	MJE8503	BU508A	BU508A
MJE3310	2N6035	2N6036	MJE13002	MJE13003	MJE13003
MJE3311	2N6035	2N6036	MJE13003	MJE13003	MJE13003
MJE3312	2N6036	2N6036	MJE13004	MJE13004	MJE13005
MJE3370	MJE371	MJE371	MJE13005	MJE13005	MJE13005
MJE3371	2N5194	2N5194	MJE13006	MJE13006	MJE13006
MJE3439	MJE3439	2N5657	MJE13007	MJE13007	MJE13007
MJE3440	MJE3440	MJE3440	MJE13007A	MJE13007A	MJE13007A
MJE344K	TIP47	TIP47	MJE13008	MJE13008	MJE13008
MJE3520	MJE521	MJE521	MJE13009	MJE13009	MJE13009
MJE3521	2N5191	2N5191	MJE13070	BUL381/382	BUL381/382
MJE3738	TIP47	TIP47	MJE13071	BUL381/382	BUL381/382
MJE3739	TIP48	TIP48	MJE15020	MJE13007	MJE13007
MJE4918	TIP32B	TIP32B	MJE16002	BUL381/382	BUL381/382
MJE4919	TIP32B	TIP32B	MJE18002	BUL410	BUL410
MJE4920	TIP32B	TIP32B	MJE18004	BUL410	BUL410
MJE4921	TIP31B	TIP31C	MJF31C	TIP31CPI (*)	
MJE4922	TIP31B	TIP31C	MJF32C	TIP32CPI (*)	
MJE4923	TIP31B	TIP31C	MJF18004	BUL410PI (*)	
MJE5133	TIP32B	TIP32B	MJH12004	BU508A	BU508A
MJE5190	TIP31B	TIP31C	NSD102	2N4923	2N4923

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
NSD103	2N4923	2N4923	NSP590	TIP32B	TIP32B
NSD104	2N4923	2N4923	NSP595	TIP31B	TIP31C
NSD105	2N4923	2N4923	NSP596	TIP32B	TIP32B
NSD106	2N4923	2N4923	NSP597	TIP31B	TIP31C
NSD131	MJE340	MJE340	NSP598	TIP32B	TIP32B
NSD132	MJE340	MJE340	NSP599	TIP31B	TIP31C
NSD133	MJE340	MJE340	NSP600	TIP32B	TIP32B
NSD134	MJE340	MJE340	NSP695	TIP120	TIP120
NSD135	MJE340	MJE340	NSP695A	TIP101	TIP102
NSD151	MJE800	MJE802	NSP696	TIP125	TIP125
NSD152	MJE800	MJE802	NSP696	TIP125	TIP125
NSD202	2N4919	2N4919	NSP696A	TIP106	TIP106
NSD203	2N4919	2N4919	NSP697	TIP120	TIP120
NSD204	2N4919	2N4919	NSP697A	TIP101	TIP102
NSD205	2N4919	2N4919	NSP698A	TIP106	TIP106
NSD206	2N4919	2N4919	NSP699	TIP121	TIP121
NSD3439	MJE3439	2N5657	NSP699A	TIP101	TIP102
NSD3440	MJE3439	2N5657	NSP700	TIP126	TIP126
NSE170	MJE171	MJE172	NSP700A	TIP106	TIP106
NSE171	MJE171	MJE172	NSP701	TIP122	TIP122
NSE180	MJE181	MJE182	NSP702	TIP127	TIP127
NSE181	MJE181	MJE182	NSP2010	TIP42B	TIP42B
NSP41	TIP41B	TIP41B	NSP2011	TIP42B	TIP42B
NSP41B	TIP41B	TIP41B	NSP2021	TIP41B	TIP41B
NSP41C	TIP41C	TIP41C	NSP2090	TIP125	TIP125
NSP42	TIP42B	TIP42B	NSP2091	TIP125	TIP125
NSP42A	TIP42B	TIP42B	NSP2092	TIP126	TIP126
NSP42B	TIP42B	TIP42B	NSP2093	TIP126	TIP126
NSP42C	TIP42C	TIP42C	NSP2100	TIP120	TIP120
NSP105	TIP42B	TIP42B	NSP2101	TIP120	TIP120
NSP205	TIP41B	TIP41B	NSP2102	TIP121	TIP121
NSP370	TIP32B	TIP32B	NSP2103	TIP121	TIP121
NSP371	TIP32B	TIP32B	NSP2370	TIP32B	TIP32B
NSP520	TIP31B	TIP31C	NSP2480	TIP31B	TIP31C
NSP521	TIP31B	TIP31C	NSP2481	TIP31B	TIP31C
NSP575	TIP31B	TIP31C	NSP2490	TIP32B	TIP32B
NSP576	TIP32B	TIP32B	NSP2491	TIP32B	TIP32B
NSP577	TIP31B	TIP31C	NSP2520	TIP31B	TIP31C
NSP578	TIP32B	TIP32B	NSP2955	MJE2955T	MJE2955T
NSP579	TIP31B	TIP31C	NSP3054	TIP31B	TIP31C
NSP580	TIP32B	TIP32B	NSP3055	MJE3055T	MJE3055T
NSP581	TIP31C	TIP31C	NSP4918	TIP32B	TIP32B
NSP582	TIP32C	TIP32C	NSP4919	TIP32B	TIP32B
NSP585	TIP31B	TIP31C	NSP4920	TIP32B	TIP32B
NSP586	TIP32B	TIP32B	NSP4921	TIP31B	TIP31C
NSP587	TIP31B	TIP31C	NSP4922	TIP31B	TIP31C
NSP588	TIP32B	TIP32B	NSP4923	TIP31B	TIP31C
NSP589	TIP31B	TIP31C	NSP5190	TIP31B	TIP31C

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
NSP5191	TIP31B	TIP31C	PMD1703K	2N6287	2N6287
NSP5192	TIP31B	TIP31C	RCA1C05	TIP41B	TIP41B
NSP5193	TIP32B	TIP32B	RCA1C06	TIP42C	TIP42C
NSP5194	TIP32B	TIP32B	RCA1C07	MJE3055T	MJE3055T
NSP5195	TIP32C	TIP32C	RCA1C08	MJE2955T	MJE2955T
NSP5974	TIP42B	TIP42B	RCA1C09	MJE3055T	MJE3055T
NSP5975	TIP42B	TIP42B	RCA1C10	2N6292	2N6292
NSP5976	TIP42B	TIP42B	RCA1C11	2N6107	2N6107
NSP5977	TIP41B	TIP41B	RCA1C14	2N6292	2N6292
NSP5978	TIP41B	TIP41B	RCA1C15	2N6388	2N6388
NSP5979	TIP41B	TIP41B	RCA1C16	BDX54B	BDX54B
NSP5980	2N6490	2N6490	RCA29	TIP31B	TIP31C
NSP5981	2N6490	2N6490	RCA29A	TIP31B	TIP31C
NSP5982	2N6491	2N6491	RCA29B	TIP31B	TIP31C
NSP5983	2N6487	2N6487	RCA29C	TIP31C	TIP31C
NSP5984	2N6487	2N6487	RCA30	TIP32B	TIP32B
NSP5985	2N6488	2N6488	RCA30A	TIP32B	TIP32B
PMD10K-60	2N6059	2N6059	RCA30B	TIP32B	TIP32B
PMD10K-100	2N6059	2N6059	RCA30C	TIP32C	TIP32C
PMD10K-40	2N6059	2N6059	RCA31	TIP31B	TIP31C
PMD10K-60	2N6059	2N6059	RCA31A	TIP31B	TIP31C
PMD11K-100	2N6052	2N6052	RCA31B	TIP31B	TIP31C
PMD11K-40	2N6052	2N6052	RCA31C	TIP31C	TIP31C
PMD11K-60	2N6052	2N6052	RCA32	TIP32B	TIP32B
PMD11K-60	2N6052	2N6052	RCA32A	TIP32B	TIP32B
PMD12K-100	2N6059	2N6059	RCA32B	TIP32B	TIP32B
PMD12K-30	MJ1001	MJ3001	RCA32C	TIP32C	TIP32C
PMD12K-40	MJ1000	MJ1000	RCA41	TIP41B	TIP41B
PMD12K-60	MJ1000	MJ1000	RCA41A	TIP41B	TIP41B
PMD13K-60	MJ901	MJ901	RCA41B	TIP41B	TIP41B
PMD13K-100	2N6052	2N6052	RCA41C	TIP41C	TIP41C
PMD13K-40	MJ901	MJ901	RCA42	TIP42B	TIP42B
PMD13K-80	MJ901	MJ901	RCA42A	TIP42B	TIP42B
PMD16K-40	2N6283	2N6283	RCA42B	TIP42B	TIP42B
PMD16K-100	2N6284	2N6284	RCA42C	TIP42C	TIP42C
PMD16K-60	2N6283	2N6283	RCA120	TIP120	TIP120
PMD16K-60	2N6283	2N6283	RCA121	TIP121	TIP121
PMD1600K	2N6283	2N6283	RCA122	TIP122	TIP122
PMD1601K	2N6283	2N6283	RCA125	TIP125	TIP125
PMD1602K	2N6283	2N6283	RCA126	TIP126	TIP126
PMD1603K	2N6284	2N6284	RCA1000	MJ1000	MJ1000
PMD17K-100	2N6287	2N6287	RCA1001	MJ1001	MJ3001
PMD17K-40	2N6286	2N6286	RCA3054	TIP31B	TIP31C
PMD17K-60	2N6284	2N6284	RCA3055	2N6487	2N6487
PMD17K-80	2N6286	2N6286	RCA8203	TIP106	TIP106
PMD1700K	2N6286	2N6286	RCA8350	MJ901	MJ901
PMD1701K	2N6286	2N6286	RCA8767	2N6547	2N6547
PMD1702K	2N6286	2N6286	RCA8767A	2N6547	2N6547

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
RCA8767B	2N6547	2N6547	SDM21311	2N6286	2N6286
RCA9113	2N6547	2N6547	SDM21312	2N6286	2N6286
RCA9113A	2N6547	2N6547	SDM21313	2N6286	2N6286
RCA91136	2N6547	2N6547	SDM21314	2N6287	2N6287
RCA11203A	BDX54A	BDX54B	SDN1020	MJ3001	MJ3001
RCP111A	MJE340	MJE340	SDN4040	MJ10004	MJ10004
RCP111C	MJE340	MJE340	SDN4045	MJ10004	MJ10004
RCP111D	MJE340	MJE340	SDN6000	MJ10004	MJ10004
RCP113A	MJE340	MJE340	SDN6001	MJ10004	MJ10004
RCP113B	MJE340	MJE340	SDN6051	MJ10004	MJ10004
RCP113C	MJE340	MJE340	SDN6060	MJ10004	MJ10004
RCP113D	MJE340	MJE340	SDN6062	MJ10004	MJ10004
RCP115B	MJE340	MJE340	SDT425	BUX48A	BUX48A
RCP117B	MJE340	MJE340	SDT1056	BUX48A	BUX48A
RCP131C	MJE340	MJE340	SDT1057	BUX48A	BUX48A
RCP131D	MJE340	MJE340	SDT1058	BUX48A	BUX48A
RCP133C	MJE340	MJE340	SDT1059	BUX48A	BUX48A
RCP133D	MJE340	MJE340	SDT1061	BUX48A	BUX48A
RCP135	2N4923	2N4923	SDT1062	BUX48A	BUX48A
RCP135B	MJE340	MJE340	SDT1064	BUX48A	BUX48A
RCP137	2N4923	2N4923	SDT3401	2N5339	2N5339
RCP137B	MJE340	MJE340	SDT3402	2N5339	2N5339
RCP1116	MJE340	MJE340	SDT3403	2N5339	2N5339
RCS617	BDW51B	BDW51C	SDT3405	2N5339	2N5339
RCS618	BDW52B	BDW52C	SDT3406	2N5339	2N5339
S2000AFI	S2000AFI	S2000AFI	SDT3407	2N5339	2N5339
S2000AXI	S2000AXI	S2000AXI	SDT3408	2N5339	2N5339
S2000FI	S2000FI	S2000AFI	SDT3421	2N5337	2N5339
SDM6000	BU931R	BU931R	SDT3422	2N5337	2N5339
SDM6001	BU931R	BU931R	SDT3423	2N5336	2N5338
SDM6002	BU931R	BU931R	SDT3424	2N5338	2N5338
SDM6003	BU931R	BU931R	SDT3425	2N5337	2N5339
SDM20301	2N6283	2N6283	SDT3426	2N5337	2N5339
SDM20302	2N6283	2N6283	SDT3427	2N5336	2N5338
SDM20303	2N6283	2N6283	SDT3428	2N5338	2N5338
SDM20304	2N6286	2N6286	SDT3501	BSS44	BSS44
SDM20311	2N6283	2N6283	SDT3502	BSS44	BSS44
SDM20312	2N6283	2N6283	SDT3506	2N3868	BSS44
SDM20313	2N6283	2N6283	SDT3776	2N3868	BSS44
SDM20314	2N6286	2N6286	SDT4451	2N5337	2N5339
SDM20321	2N6283	2N6283	SDT4452	2N5336	2N5338
SDM20322	2N6283	2N6283	SDT4453	2N5337	2N5339
SDM20323	2N6283	2N6283	SDT4454	2N5336	2N5338
SDM20324	2N6286	2N6286	SDT4455	2N5337	2N5339
SDM21301	2N6286	2N6286	SDT4456	2N5337	2N5339
SDM21302	2N6286	2N6286	SDT4483	2N5337	2N5339
SDM21303	2N6286	2N6286	SDT5101	TIP41B	TIP41B
SDM21304	2N6287	2N6287	SDT5102	TIP41B	TIP41B

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
SDT5103	TIP41B	TIP41B	SDT9308	2N3716	2N3716
SDT5111	TIP42B	TIP42B	SDT9309	2N3716	2N3716
SDT5112	TIP42B	TIP42B	SDT9701	2N5303	2N5886
SDT5113	TIP42B	TIP42B	SDT9704	2N5682	2N5682
SDT5501	2N5337	2N5339	SDT9707	2N3055	2N3055
SDT5502	2N5337	2N5339	SDT12301	2N5038	2N5038
SDT5503	2N5337	2N5339	SDT12302	2N5339	2N5339
SDT5504	2N5339	2N5339	SDT12303	2N5339	2N5339
SDT5506	2N5336	2N5338	SDT12305	2N5339	2N5339
SDT5506	2N5337	2N5339	SDT12306	2N5339	2N5339
SDT5507	2N5337	2N5339	SDT12307	2N5339	2N5339
SDT5509	2N5338	2N5338	SDT13301	2N6547	2N6547
SDT5511	2N5337	2N5339	SDT13302	2N6547	2N6547
SDT5512	2N5337	2N5339	SDT13303	2N6547	2N6547
SDT5513	2N5337	2N5339	SDT13305	MJ13335	MJ13335
SDT5514	2N5339	2N5339	SDTB01	2N5339	2N5339
SDT6306	2N5339	2N5339	SDTB02	2N5339	2N5339
SDT6309	2N5339	2N5339	SDTB03	2N5339	2N5339
SDT6310	2N5339	2N5339	SDTB05	2N5339	2N5339
SDT6311	2N5339	2N5339	SDTB06	2N5339	2N5339
SDT6312	2N5339	2N5339	SDTB07	2N5339	2N5339
SDT6313	2N5339	2N5339	SE9300	BDW93A	BDW93B
SDT6314	2N5339	2N5339	SE9301	BDW93B	BDW93B
SDT6315	2N5339	2N5339	SE9302	BDW93C	BDW93C
SDT6316	2N5339	2N5339	SE9303	BDX87A	BDX87B
SDT6408	2N5339	2N5339	SE9304	BDX87B	BDX87B
SDT6409	2N5339	2N5339	SE9305	BDX87C	BDX87C
SDT6410	2N5339	2N5339	SE9306	2N6287	2N6287
SDT6411	2N5339	2N5339	SE9307	2N6283	2N6283
SDT6412	2N5339	2N5339	SE9308	2N6286	2N6286
SDT6413	2N5339	2N5339	SE9400	BDW94A	BDW94B
SDT6414	2N5339	2N5339	SE9401	BDW94B	BDW94B
SDT6415	2N5339	2N5339	SE9402	BDW94C	BDW94C
SDT6416	2N5339	2N5339	SE9403	BDX88A	BDX88B
SDT7603	BUX10	BUX10	SE9404	BDX88B	BDX88B
SDT7604	BUX10	BUX10	SE9405	BDX88C	BDX88C
SDT7609	BUX10	BUX10	SGS110	SGS110	SGS110
SDT7610	BUX10	BUX10	SGS111	SGS111	SGS112
SDT7612	BUV23	BUV23	SGS112	SGS112	SGS112
SDT7731	BDW51B	BDW51C	SGS115	SGS115	SGS115
SDT7732	BDW51B	BDW51C	SGS117	SGS117	SGS127
SDT7733	BDW51B	BDW51C	SGS120	SGS120	SGS120
SDT9201	2N3055	2N3055	SGS121	SGS121	SGS122
SDT9205	2N3055	2N3055	SGS122	SGS122	SGS122
SDT9206	2N3055	2N3055	SGS125	SGS125	SGS125
SDT9209	2N5672	2N5671	SGS126	SGS126	SGS127
SDT9210	2N3055	2N3055	SGS127	SGS127	SGS127
SDT9307	2N3716	2N3716	SGS911	SGS911	SGS911

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
SGS3439	MJE3439	2N5657	STF8045AV	STF8045AV	ESM6045AV
SGS3440	MJE3440	MJE3440	STF8045DV	STF8045DV	STF8045DV
SGS6388	SGS6388	SGS6388	STL57	STL57	STL57
SGS13003	SGS13003	SGS13003	SVT100-5C	BDW51B	BDW51C
SGS13007	SGS13007	SGS13007	SVT350-3	BUX48A	BUX48A
SGSD00030	SGSD00030	SGSD00030	SVT400-3	BUX48A	BUX48A
SGSD100	SGSD100	SGSD100	SVT400-5C	BUX48A	BUX48A
SGSD200	SGSD200	SGSD200	SVT450-3	BUX48A	BUX48A
SGSD311	SGSD311	SGSD00030	SVT450-3C	MJ13335	MJ13335
SGSF313	SGSF313	SGSF313	SVT6000	MJ10005	MJ10005
SGSF313XI	SGSF313XI	SGSF313XI	SVT6001	MJ10005	MJ10005
SGSF321	SGSF321	SGSF313	SVT6002	MJ10005	MJ10005
SGSF323	SGSF323	SGSF313	SVT6060	MJ10005	MJ10005
SGSF324	SGSF324	SGSF324	SVT6061	MJ10005	MJ10005
SGSF341	SGSF341	SGSF341	SVT6062	MJ10005	MJ10005
SGSF343	SGSF343	BUT12A	SVT7525	MJ13335	MJ13335
SGSF344	SGSF344	SGSF344	SVT9522	MJ13335	MJ13335
SGSF441	SGSF441	SGSF441	THD200FI	THD200FI	THD200FI
SGSF443	SGSF443	SGSF444	THD300	THD300	THD300
SGSF444	SGSF444	SGSF444	THD400	THD400	THD400
SGSF445	SGSF445	SGSF445	TIP29	TIP29	TIP29A
SGSF461	SGSF461	SGSF461	TIP29A	TIP29A	TIP29A
SGSF463	SGSF463	SGSF463	TIP29B	TIP29B	TIP29B
SGSF464	SGSF464	SGSF464	TIP29C	TIP29C	TIP29C
SGSF465	SGSF465	SGSF465	TIP30	TIP30	TIP30A
SGSF561	SGSF561	SGSF561	TIP30A	TIP30A	TIP30A
SGSF562	SGSF562	SGSF561	TIP30B	TIP30B	TIP30B
SGSF661	SGSF661	SGSF661	TIP30C	TIP30C	TIP30C
SGSF663	SGSF663	SGSF661	TIP31	TIP31	TIP31A
SGSF664	SGSF664	SGSF664	TIP31A	TIP31A	TIP31A
SGSF665	SGSF665	SGSF664	TIP31B	TIP31B	TIP31C
SGSIF341	SGSIF341	BUT12AFI	TIP31C	TIP31C	TIP31C
SGSIF343	SGSIF343	BUT12AFI	TIP32	TIP32	TIP32A
SGSIF344	SGSIF344	SGSIF344	TIP32A	TIP32A	TIP32A
SGSIF345	SGSIF345	SGSIF344	TIP32AF	TIP32API (*)	
SGSIF441	SGSIF441	BUV47AFI	TIP32API	TIP32API (*)	
SGSIF443	SGSIF443	BUV47AFI	TIP32B	TIP32B	TIP32B
SGSIF444	SGSIF444	SGSIF444	TIP32C	TIP32C	TIP32C
SGSIF445	SGSIF445	SGSIF444	TIP32CF	TIP32CPI	TIP32CPI
SGSIF461	SGSIF461	SGSIF461	TIP32CPI	TIP32CPI	TIP32CPI
SGSIF463	SGSIF463	SGSIF461	TIP33	TIP33	TIP33A
SGSIF464	SGSIF464	SGSIF464	TIP33A	TIP33A	TIP33A
SGSIF465	SGSIF465	BUH715	TIP33B	TIP33B	TIP33C
STD3404	2N5339	2N5339	TIP33C	TIP33C	TIP33C
STF4045AV	STF4045AV	ESM4045AV	TIP34	TIP34	TIP34A
STF4045DV	STF4045DV	ESM4045DV	TIP34A	TIP34A	TIP34A
STF6045AV	STF6045AV	STF6045AV	TIP34B	TIP34B	TIP34C
STF6045DV	STF6045DV	ESM6045DV	TIP34C	TIP34C	TIP34C

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
TIP35	TIP35	TIP35B	TIP102	TIP102	TIP102
TIP35A	TIP35A	TIP35B	TIP102	TIP102	TIP102
TIP35B	TIP35B	TIP35B	TIP105	TIP105	TIP105
TIP35C	TIP35C	TIP35C	TIP106	TIP106	TIP106
TIP36	TIP36	TIP36B	TIP107	TIP107	TIP107
TIP36A	TIP36A	TIP36B	TIP110	TIP110	TIP110
TIP36B	TIP36B	TIP36B	TIP111	TIP111	TIP112
TIP36C	TIP36C	TIP36C	TIP112	TIP112	TIP112
TIP41	TIP41	TIP41A	TIP115	TIP115	TIP115
TIP41A	TIP41A	TIP41A	TIP116	TIP116	TIP117
TIP41B	TIP41B	TIP41B	TIP117	TIP117	TIP117
TIP41C	TIP41C	TIP41C	TIP120	TIP120	TIP120
TIP42	TIP42	TIP42A	TIP121	TIP121	TIP121
TIP42A	TIP42A	TIP42A	TIP122	TIP122	TIP122
TIP42B	TIP42B	TIP42B	TIP125	TIP125	TIP125
TIP42C	TIP42C	TIP42C	TIP126	TIP126	TIP126
TIP47	TIP47	TIP47	TIP127	TIP127	TIP127
TIP48	TIP48	TIP48	TIP130	TIP130	TIP131
TIP49	TIP49	TIP49	TIP131	TIP131	TIP131
TIP50	TIP50	TIP50	TIP132	TIP132	TIP132
TIP54	TIP54	BU426A	TIP135	TIP135	TIP135
TIP61	TIP31C	TIP31C	TIP136	TIP136	TIP136
TIP61A	TIP31C	TIP31C	TIP137	TIP137	TIP137
TIP61B	TIP31C	TIP31C	TIP140	TIP140	TIP141
TIP61C	TIP31C	TIP31C	TIP140T	TIP140T	TIP142T
TIP62	TIP32C	TIP32C	TIP141	TIP141	TIP141
TIP62A	TIP32C	TIP32C	TIP141PI	TIP141PI	TIP141PI
TIP62B	TIP32C	TIP32C	TIP141T	TIP141T	TIP142T
TIP62C	TIP32C	TIP32C	TIP142	TIP142	TIP142
TIP63	TIP47	TIP47	TIP142T	TIP142T	TIP142T
TIP64	TIP48	TIP48	TIP145	TIP145	TIP146
TIP640	MJ3001	MJ3001	TIP145T	TIP106	TIP106
TIP641	MJ3001	MJ3001	TIP146	TIP146	TIP146
TIP662	BU921	BU921	TIP146PI	TIP146PI	TIP146PI
TIP73	BD905	BD909	TIP146T	TIP146T	TIP146T
TIP73A	BD907	BD909	TIP146TPI	TIP146TPI	TIP146TPI
TIP73B	BD909	BD909	TIP147	TIP147	TIP147
TIP73C	BD911	BD911	TIP147T	TIP147T	TIP147T
TIP74	BD906	BD908	TIP150	BU910	BU911
TIP74A	BD908	BD908	TIP151	BU910	BU911
TIP74B	BD910	BD910	TIP152	BU911	BU911
TIP74C	BD912	BD912	TIP510	BUX41	BUX41
TIP75	MJE13005	MJE13005	TIP512	BUX41	BUX41
TIP75A	MJE13005	MJE13005	TIP512	BUX41	BUX41
TIP75B	MJE13005	MJE13005	TIP517	BUX10	BUX10
TIP75C	MJE13005	MJE13005	TIP525	BUX41	BUX41
TIP100	TIP100	TIP100	TIP526	BUX41	BUX41
TIP101	TIP101	TIP102	TIP545	TIP2955	TIP2955

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INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED	INDUSTRY STANDARD	SGS-THOMSON NEAREST	SGS-THOMSON PREFERRED
TIP546	TIP2955	TIP2955			
TIP551	BU208A	BU208A			
TIP552	BU208A	BU208A			
TIP553	BU208A	BU208A			
TIP600	TIP101	TIP102			
TIP601	TIP101	TIP102			
TIP601	TIP102	TIP102			
TIP605	TIP106	TIP106			
TIP606	TIP106	TIP106			
TIP607	TIP107	TIP107			
TIP620	TIP120	TIP120			
TIP621	TIP121	TIP121			
TIP622	TIP122	TIP122			
TIP625	TIP125	TIP125			
TIP626	TIP126	TIP126			
TIP627	TIP127	TIP127			
TIPL760	BUL381/382	BUL381/382			
TIPL760A	BUL381/382	BUL381/382			
TIP2955	TIP2955	TIP2955			
TIP2955T	MJE2955T	MJE2955T			
TIP3055	TIP3055	TIP3055			
TIP3055T	MJE3055T	MJE3055T			

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